

Count	Researcher Name	Member	Academic College	Academic Department	Research Description	Main Sustainability Type	Sources
1	Ebert, Chanda	TAMU	Agriculture And Life Sciences	Ag Leadership, Education & Communication	Dr. Ebert is an educational research professor who specializes in leadership, communication, and the expansion of OEL in the agricultural sector. Her recent works seek to develop a framework for enhanced education of individuals in the agricultural sector in order to become more effective and productive leaders.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n23b64-50/Persons/View%20All
2	Wald, Dara *	TAMU	Agriculture And Life Sciences	Ag Leadership, Education & Communication	Dr. Wald is a professor who specializes in communication between the agricultural and environmental sectors, and her research focuses on ways to overcome and eliminate the social and educational barriers between the two fields.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n63d31267/Persons/View%20All
3	Odum, Summer	TAMU	Agriculture And Life Sciences	Ag Leadership, Education & Communication	Dr. Odum is a professor who teaches agricultural leadership and communications. Her research is related to college student leadership development and engagement in service activities at the university, state, and national levels. Her most recent research covers the integration of diversity and intentionality into leadership on a national level.	Social	https://scholars.library.tamu.edu/vivo/display/n266f4ead/Persons/View%20All
4	Wingenbach, Gary	TAMU	Agriculture And Life Sciences	Ag Leadership, Education & Communication	Dr. Wingenbach is a research based professor who works with the Borlaug Institute for Agriculture. His recent works includes research on communications and perceptions around agricultural trade on a global scale and the science based marketing of nutritional info for organic foods.	Social	https://scholars.library.tamu.edu/vivo/display/n13558929/Persons/View%20All
5	Strong, Robert	TAMU	Agriculture And Life Sciences	Ag Leadership, Education & Communication	Dr. Strong is a research professor who specializes in the intersections between mental health, agricultural communications and media, and the advancement of technology in agriculture. He investigates innovation adoption in agricultural sciences and extension contexts including Electronic Resilient Learning Objects (ERLO), Information Communication Technologies (ICT), precision agriculture, and virtual reality. He evaluates stakeholder adoption and impact resulting from participation in training programs.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n51ed6856/Persons/View%20All
6	Briers, Gary	TAMU	Agriculture And Life Sciences	Ag Leadership, Education & Communication	Dr. Briers is a research and teaching professor who specializes in agricultural leadership and development projects. His recent research has encapsulated the demographics of pig farmers in the U.S., the productivity of women-led farms in foreign countries, and the qualities of character and skill required for leaders in student affairs.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n18823849/Persons/View%20All
7	Moore, Lori	TAMU	Agriculture And Life Sciences	Ag Leadership, Education & Communication	Dr. Moore is a professor who specializes in research that seeks to provide the best standards and procedures for quality leaders and educators in higher education and student affairs, with a heavy focus on education within the agricultural sector.	Social	https://scholars.library.tamu.edu/vivo/display/nf54379a0/Persons/View%20All
8	Murphy, Theresa	TAMU	Agriculture And Life Sciences	Ag Leadership, Education & Communication	Dr. Murphy is a research based professor who specializes in communication and evaluation of impact. Her research focuses on the teaching and learning process, the change process, and the study of evaluation. Scholarly engagement revolves around dissemination of new knowledge in these areas, often as a result of grant-funded projects.	Social	https://scholars.library.tamu.edu/vivo/display/nf5470054/Persons/View%20All
9	Dooley, Kim *	TAMU	Agriculture And Life Sciences	Ag Leadership, Education & Communication	Dr. Dooley is a professor who specializes in research around interdisciplinary agricultural leadership and communication. Her research is focused on teaching and learning in both formal and non formal settings. This includes topics related to experiential and service learning in international settings, the use of technology for teaching and learning, community engagement and resiliency, and impact evaluation.	Social	https://scholars.library.tamu.edu/vivo/display/n12672473/Persons/View%20All
10	Leggett, Hollie *	TAMU	Agriculture And Life Sciences	Ag Leadership, Education & Communication	Dr. Leggett is a professor who specializes in scientific communication through various forms of media. Her research focuses on examining the communication needs of scientific communicators and investigating effective ways for preparing scientific communicators to meet the needs of their global audiences through delivering targeted scientific information.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n1732480/Persons/View%20All
11	Preston, Tammie *	TAMU	Agriculture And Life Sciences	Ag Leadership, Education & Communication	Dr. Preston is a teaching professor who specializes in the interconnectedness between socially constructed, identities, leadership, motivation, and self-concept on learning and teaching in the classroom.	Social	https://scholars.library.tamu.edu/vivo/display/nb4560748/Persons/View%20All
12	Byce, Carmen	TAMU	Agriculture And Life Sciences	Ag Leadership, Education & Communication	Dr. Byce is a teaching professor who works primarily with horticultural and agricultural innovation and education. Dr. Byce's work is intended to help reach the SDG of zero hunger.	Environmental, Social, & Economic	https://scholars.library.tamu.edu/vivo/display/n6613ab81/Persons/View%20All
13	Harlin, Julie	TAMU	Agriculture And Life Sciences	Ag Leadership, Education & Communication	Dr. Harlin is a teaching professor who specializes in collaborations between science educators within the Agricultural sector, as well as practitioners within the AgrLife Extension Service. Revisit, she has not published since 2013.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n99903a87/Persons/View%20All
14	Klose, Steven	TAMU	Agriculture And Life Sciences	Agricultural Economics	Dr. Klose is coordinator of the FARM Assistance program, of the Texas A&M AgrLife Extension Service. The Financial And Risk Management Assistance program is designed to provide strategic decision information to unique and diverse Texas agricultural operations. Dr. Klose is also a member of the Agricultural and Food Policy Center and works with this group in the areas of applied policy research and farm level simulation modeling.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n5045495/Persons/View%20All
15	Zapata Raudales, Samuel	TAMU	Agriculture And Life Sciences	Agricultural Economics	Dr. Zapata's research agenda focuses on economic feasibility analysis, economic impact of new invasive pests and diseases, production optimization, valuation of novel technologies and product attributes, organic agriculture, price analysis, and risk management.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n2e4fd0ff/Persons/View%20All
16	Bryant, Henry	TAMU	Agriculture And Life Sciences	Agricultural Economics	Dr. Bryant's research focuses on agricultural policy, commodity marketing, and risk management.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/nf0452389/Persons/View%20All
17	Robinson, John	TAMU	Agriculture And Life Sciences	Agricultural Economics	Dr. Robinson's prior experience includes research and extension within the Texas A&M University System (College Station, Thrall, Vernon, Weslaco) and at Mississippi State University. His current extension program emphasizes risk management issues related to cotton, including cash markets, hedging, contracting, insurance, policy, and transportation/logistics.	Economic	https://scholars.library.tamu.edu/vivo/display/n10cc044/Persons/View%20All
18	Anderson, David	TAMU	Agriculture And Life Sciences	Agricultural Economics	Dr. David Anderson is a Professor and Extension Economist in the Department of Agricultural Economics at Texas A&M University. His extension education and research activities are in livestock, and food products marketing and agricultural policy. He is the Texas A&M AgrLife Extension Livestock and Food Products Marketing economist. Dr. Anderson's program has focused research on livestock markets and the impact of alternative farm programs on the livestock, dairy and crop sectors of agriculture. Recent extension programs have focused on livestock market outlook and farm programs.	Economic	https://scholars.library.tamu.edu/vivo/display/n813473c/Persons/View%20All
19	Palma, Marco	TAMU	Agriculture And Life Sciences	Agricultural Economics	Dr. Marco A Palma is Professor in the Department of Agricultural Economics at Texas A&M University. His areas of interest are consumer economics, food choices, experimental and behavioral economics and neuroeconomics.	Economic	https://scholars.library.tamu.edu/vivo/display/nba37537/Persons/View%20All
20	Woodward, Richard	TAMU	Agriculture And Life Sciences	Agricultural Economics	Dr. Woodward is an economist who specializes in the intersections between consumption and natural resources. Dr. Woodward's research is in the general area of environmental and resource economics. Recent research projects have focused on the use of transferable permits to address water quality and fisheries problems and problems of choice under uncertainty.	Environmental	https://scholars.library.tamu.edu/vivo/display/n115a5965/Persons/View%20All
21	Dharmasena, Kahu A. Senarath	TAMU	Agriculture And Life Sciences	Agricultural Economics	Dr. Dharmasena is an agribusiness specialist and instructional professor. His research pertains to consumer preference for plant based products, the average U.S. consumer's food intake, and the influence of agriculture on rural land values within the U.S.	Environmental & Social & Economic	https://scholar.google.com/citations?view_op=list_works&hl=en&btnG=Users%2011c308UAAA&sortby=pubdate
22	Melo Guerrero, Grace	TAMU	Agriculture And Life Sciences	Agricultural Economics	Grace Melo is an Accountability, Climate, Equity, and Scholarship (ACES) Faculty Fellow in the Department of Agricultural Economics. She is interested in policy-oriented research questions involving individual choices and preferences. In the past, she has studied Hispanic preferences for immigration policy attributes and students' preferences for learning assessments in Latin America. Her current research focuses on food security and diet quality of households from underrepresented groups in the US.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n78411600/Persons/View%20All
23	Zhang, Yvette Yu	TAMU	Agriculture And Life Sciences	Agricultural Economics	Dr. Zhang's research interests include Behavioral Economics, Applied Economics, Experimental Economics, Food Safety and Policy, Environmental Economics, Nutrition and Health, Development Economics, International Economics, and Neuroeconomics.	Social & Economic	https://scholars.library.tamu.edu/vivo/display/nba46466/Persons/View%20All
24	Capps, Oral	TAMU	Agriculture And Life Sciences	Agricultural Economics	Dr. Capps is a demand and price analyst, with particular expertise in econometric modeling and forecasting methods. Applied research areas include analyses of expenditure patterns of pre-prepared foods and foods eaten away from home, analysis of health and nutrition issues, and uses of scanner-derived information for managerial decision-making. In addition, he specializes in unilateral price effects of mergers and acquisitions as well as evaluations of agricultural checkoff programs.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n21f749f/Persons/View%20All
25	Shcherbakova, Anastasiya	TAMU	Agriculture And Life Sciences	Agricultural Economics	In her research, Professor Shcherbakova addresses challenges posed by climate change, and existing energy policies by evaluating the effects of current and potential policies, and identifying at which stages of the political, regulatory, or enforcement process the benefits and effectiveness of the policy may become hindered or diluted.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n47211e448/Persons/View%20All
26	Ishdorj, Anun	TAMU	Agriculture And Life Sciences	Agricultural Economics	Dr. Ishdorj's areas of research include demand analysis, food consumption and issues related to well-being and nutrition-related health outcomes of individuals participating in food assistance programs.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n8c7749c/Persons/View%20All
27	Lopez Barrera, Emiliano	TAMU	Agriculture And Life Sciences	Agricultural Economics	Dr. Barrera's current research focuses on understanding how future patterns of global food consumption will affect human health, and how the agricultural changes needed to support the ongoing global nutrition transition will affect the environment. He combines econometric tools with economic and nutrition modeling to explore the trade-offs and linkages among diets, human health, and environmental sustainability.	Environmental & Social	https://scholar.google.com/citations?view_op=list_works&hl=en&btnG=Users%203WdZYAAA&view_op=list_works&sortby=pubdate

28	McCarl, Bruce	TAMU	Agriculture And Life Sciences	Agricultural Economics	Dr. McCarl's recent research efforts have largely involved policy analysis (mainly in climate change, climate change mitigation, water economics, and biosecurity) as well as the proper application of quantitative methods to such analyses.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n9596449/Persons/View%20All
29	Mjelde, James	TAMU	Agriculture And Life Sciences	Agricultural Economics	Dr. Mjelde's research has primarily focused on the design of information forecasting systems. His secondary emphasis has been incorporating dynamics into decision making models. His most recent research has specifically applied these models into investigations about sustainable development.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n29489710/Persons/View%20All
30	Salin, Victoria	TAMU	Agriculture And Life Sciences	Agricultural Economics	Dr. Salin's research relates to food safety, traceability, and efficiency of enterprises involved in food distribution. Salin provides economic and financial research for the Scientific Advisory Council of the World Food Logistics Organization, an affiliate of the Global Cold Chain Alliance.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n62371524/Persons/View%20All
31	Boadu, Frederick	TAMU	Agriculture And Life Sciences	Agricultural Economics	Dr. Boadu's research focuses on applying tools in law and economics to address issues in international trade law and economics, economic development, resource economics, international environment policy, and constitutional economics.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n4658460/Persons/View%20All
32	Vedenov, Dmitry	TAMU	Agriculture And Life Sciences	Agricultural Economics	Dr. Vedenov's is a research-based professor whose interests are in agribusiness, finance, decision-making under uncertainty, risk management, crop insurance and dynamic models in economics.	Economic	https://scholars.library.tamu.edu/vivo/display/n6146592/Persons/View%20All
33	Gehring, Kerri	TAMU	Agriculture And Life Sciences	Animal Science	Dr. Kerri B. Gehring is a professor in the meat science section of the Department of Animal Science and president and CEO of the International HACCP Alliance. Gehring is also a meat science faculty member at Texas A&M University. She teaches a HACCP course for graduate/undergraduate students and coordinates various HACCP and food safety industry training programs. Gehring has worked closely with the food industry to provide valuable assistance in implementing HACCP programs. Her recent research has dealt with food technologies that detect diseases in meats with greater efficiency in order to provide people with healthy foods.	Environmental & Social	https://animalscience.tamu.edu/people/gehring-kerri/
34	Wickersham, Tryon	TAMU	Agriculture And Life Sciences	Animal Science	Dr. Tryon Wickersham is an associate professor in the animal nutrition section of the Department of Animal Science. He directs research in ruminant nutrition with an interest in forage utilization and nitrogen metabolism. Future research goals include determining optimum supplementation strategies for ruminants consuming forages of divergent nutritive values and furthering our understanding of nitrogen metabolism in ruminants.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n1838347/Persons/View%20All
35	Gill, Jason	TAMU	Agriculture And Life Sciences	Animal Science	Dr. Gill's major research focus is the biology and application of the viruses of bacteria, called bacteriophages or simply phages. Research in Dr. Gill's lab encompasses phage genomics, basic phage biology and the applications of phages in real-world settings.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n6277467/Persons/View%20All
36	Taylor, Matthew	TAMU	Agriculture And Life Sciences	Animal Science	Dr. Taylor's primary research interests are in the utilization and mechanisms of food antimicrobials to inhibit bacterial foodborne pathogens. Specifically, research is conducted to investigate and determine the manner by which food antimicrobials inhibit microbial pathogens. Additionally, research is conducted that seeks to overcome obstacles to the use of food antimicrobials in some product by the encapsulation of food antimicrobials.	Environmental & Social	https://animalscience.tamu.edu/people/taylor-matthew/
37	Tedeschi, Luis	TAMU	Agriculture And Life Sciences	Animal Science	Dr. Tedeschi conducts research on energy and nutrient requirements of grazing and feedlot animals, growth biology and bioenergetics, chemical composition and kinetics of fermentation of feeds, modeling and simulation of decision support systems, and evaluation of models.	Environmental	https://scholars.library.tamu.edu/vivo/display/n39792446/Persons/View%20All
38	Cross, H Russell	TAMU	Agriculture And Life Sciences	Animal Science	Dr. Cross is a research scientist whose primary interests involve detection and identification of bacteria in meat products in order to maintain safety and improve the public health.	Social	https://scholars.library.tamu.edu/vivo/display/n4646817/Persons/View%20All
39	Diburn, Wesley	TAMU	Agriculture And Life Sciences	Animal Science	Research primarily consists of developing more efficient and encompassing food safety standards in order to maintain the general public health.	Social	https://scholars.library.tamu.edu/vivo/display/n318444/Persons/View%20All
40	Bass, Sapna	TAMU	Agriculture And Life Sciences	Animal Science	Research primarily consists of developing more efficient and encompassing food safety standards in order to maintain the general public health.	Social	https://scholars.library.tamu.edu/vivo/display/n84006/Persons/View%20All
41	Karouski, Dmitry	TAMU	Agriculture And Life Sciences	Biochemistry And Biophysics	Dr. Karouski's research consists of evaluation of nutrient content of high impact crops (especially potatoes) in order to determine the best varieties to grow for human consumption. Research allows finds the origin of cultivation for said potato varieties.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n3453443/Persons/View%20All
42	Porter, Dana	TAMU	Agriculture And Life Sciences	Biological And Agricultural Engineering	Dr. Porter is a research scientist and optimization specialist. Her work promotes water conservation and efficient water use through maximizing impact of applied research programs and information resources. Objectives of her programs are to 1) promote appropriate application of technologies, irrigation management tools and practices; 2) improve quality and value of agricultural research by improving understanding of irrigation technologies, BMPs and related crop water management concepts; and 3) provide relevant educational resources and opportunities for traditional and emerging audiences.	Environmental	https://scholars.library.tamu.edu/vivo/display/n464958/Persons/View%20All
43	Jaber, Fouad	TAMU	Agriculture And Life Sciences	Biological And Agricultural Engineering	Dr. Jaber is a research specialist who works with integrated water resources management with specific concentration on watershed management programs; evaluation of stream processes and hydraulics to foster implementation of stream restoration programming.	Environmental	https://scholars.library.tamu.edu/vivo/display/n6700ce1/Persons/View%20All
44	Hardin, Robert	TAMU	Agriculture And Life Sciences	Biological And Agricultural Engineering	Dr. Hardin's research involves developing intelligent machine systems for agricultural production and processing. To meet the demands of the agricultural sector, his work has focused on integrating robot, low-cost sensor systems with statistical and physical models for automation and process control. He has conducted research on optimizing cotton processing, with a particular focus on increasing energy efficiency. He has also studied how plant genetics, environmental and management factors, and processing technology interact to affect energy use and product quality. Dr. Hardin has also conducted research in precision agriculture and measuring efficiency of novel agricultural machinery systems.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n0194505/Persons/View%20All
45	Capareda, Sergio	TAMU	Agriculture And Life Sciences	Biological And Agricultural Engineering	Dr. Capareda's research explores how by products of crop production can be utilized as cattle feed in order to eliminate waste and increase agricultural efficiency.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n57440a3/Persons/View%20All
46	Singh, Vijay	TAMU	Agriculture And Life Sciences	Biological And Agricultural Engineering	Dr. Singh is a water engineering specialist with research interests in Surface-water Hydrology, Groundwater Hydrology, Hydraulics, Irrigation Engineering, Environmental Quality and Water Resources. Principal research topics have encompassed: 1. Watershed modeling, 2. Erosion and Sediment Transport in Upland Watersheds, 3. Streamflow Forecasting, 4. Dam Break Analysis, 5. Entropy-Based Modeling, 6. Network Design, 7. Groundwater Modeling, and 8. Hydrologic Impacts of Climate Change. Has recently published research on how covid-19 has impacted global carbon emissions.	Environmental	https://scholars.library.tamu.edu/vivo/display/nf663414/Persons/View%20All
47	Calabrese, Salvatore	TAMU	Agriculture And Life Sciences	Biological And Agricultural Engineering	Dr. Calabrese runs a lab with multiple research interests, and his work aims at quantifying the interaction between the hydrologic cycle and the physical and biochemical processes in the soil and throughout the Critical Zone, with an emphasis on the role of hydro-climatic fluctuations. By improving the understanding of the complex dynamics of the water and nutrient cycles, he seeks to develop quantitative tools that help us preserve soil ecosystem services, such as soil and plant carbon storage, and prevent our ecosystems from degrading.	Environmental	https://scholars.library.tamu.edu/vivo/display/n705ab00/Persons/View%20All
48	Moreira, Rosana	TAMU	Agriculture And Life Sciences	Biological And Agricultural Engineering	Dr. Moreira's research interests include engineering aspects of foods and food processes; fundamental modeling; dehydration, frying, extrusion, food irradiation; process control techniques as applied to food processing systems: food extrusion processes, continuous fryers, and continuous flow grains dryers; deep-fat frying; modeling, oil absorption mechanisms, vacuum frying, acrylamide; impingement drying; food safety; food irradiation and biosensor technology.	Environmental	https://scholars.library.tamu.edu/vivo/display/n3348153/Persons/View%20All
49	Lacey, Ronald	TAMU	Agriculture And Life Sciences	Biological And Agricultural Engineering	Dr. Lacey's research includes the monitoring of bioisotols in the atmosphere and how they affect air pollution levels and the public health.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n40509d5/Persons/View%20All
50	Moore, Janie	TAMU	Agriculture And Life Sciences	Biological And Agricultural Engineering	Dr. Moore is a research and teaching professor whose goal is to identify post-harvest treatment technologies capable of transferring into value added chemicals. This research also provides new knowledge on the role of ozone and atmospheric cold plasma treatments for the reduction of spoilage organisms during post-harvest processing and storage. Research is currently being conducted with a variety of commodities including, stored grains (i.e., corn, rice), oil seeds and byproducts (i.e., cottonseed, cottonseed meal), and packaged produce (i.e., tomatoes and romaine lettuce).	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n712a8Rea/Persons/View%20All
51	Nikolov, Zvezko	TAMU	Agriculture And Life Sciences	Biological And Agricultural Engineering	Dr. Nikolov's Bioseparations Lab conducts transformative research in bioprocess engineering aimed at the development of novel and cost-effective strategies for extraction and purification of recombinant and native biomolecules. Bioseparations Lab leverages scientific and engineering expertise of lab members to find solutions for a variety of bioprocessing and separations challenges that currently face plant and algal biotechnology.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/nf84893f5/Persons/View%20All
52	Mohhtar, Rabi	TAMU	Agriculture And Life Sciences	Biological And Agricultural Engineering	Dr. Mohhtar is a researching professor who specializes in writing on water management policy, water management analysis, and water in the context of the climate emergency.	Environmental	https://scholars.library.tamu.edu/vivo/display/nfb72c5ed/Persons/View%20All
53	King, Maria	TAMU	Agriculture And Life Sciences	Biological And Agricultural Engineering	Dr. King is a research professor whose research interests focus on the development of the wetted wall cyclone aerosol collector technology to monitor potential health hazards and improve surveillance efforts by collecting aerosols released from agricultural and industrial facilities and modeling particle dispersion.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n44870816/Persons/View%20All

54	Mohanty, Binayak	TAMU	Agriculture And Life Sciences	Biological And Agricultural Engineering	Dr. Mohanty's research includes water, heat, and chemical transport measurement and modeling in variably-saturated porous media ranging from core-scale to regional-scale; measurement and modeling of hydraulic properties; and preferential water flow and chemical transport through macroporous media.	Environmental	https://scholars.library.tamu.edu/vivo/display/n4131c46a/Persons/View%20All
55	Nayga, Rodolfo	TAMU	Agriculture And Life Sciences	College Of Agriculture - Admin - Dean	Dr. Nayga's expertise consists of food economics, environmental food policy, and economics relating to health and nutrition. Dr. Nayga has published works relating to food security, economics of food systems in food scarce communities, and environmentally conscious food development decisions.	Environmental & Economic & Social	https://agecon.tamu.edu/people/nayga-r-rodolfo.cfm/
56	Smith, Patricia	TAMU	Agriculture And Life Sciences	College Of Agriculture - Admin - Dean	Dr. Smith is a research professor with interests and work in hydrologic modeling, particularly land use and land cover effects on hydrologic processes at different temporal and spatial scales.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n213ac629/Persons/View%20All
57	López, Roel	TAMU	Agriculture And Life Sciences	College Of Agriculture - Admin - Dean	Dr. Roel Lopez provides leadership in the field of wildlife ecology and natural resource management. Roel works with internal and external stakeholders in developing institute priorities for research and extension programs and develops and leads interdisciplinary teams to address these natural resource challenges. His research focuses on endangered and fragmented wildlife populations, sustainability of military lands, and rural land trends and demographics.	Environmental	https://scholars.library.tamu.edu/vivo/display/n68f03d7/Persons/View%20All
58	Baker, Mathew	TAMU	Agriculture And Life Sciences	College Of Agriculture - Admin - Dean	Dr. Baker is a professor and department head in Agricultural Leadership, Education, and Communications at Texas A&M University. Baker's research interests include physical and anatomical antecedents of consumer messages.	Social & Economic	https://scholars.library.tamu.edu/vivo/display/n4104c6f/Persons/View%20All
59	Baltensperger, David	TAMU	Agriculture And Life Sciences	College Of Agriculture - Admin - Dean	Dr. Baltensperger provides leadership and administration for a large comprehensive program of research, teaching and extension in the Department of Soil and Crop Sciences. The department is widely recognized for its quality, size, and diversity of subject matter areas. Nationally and internationally recognized research programs are conducted by Soil and Crop Sciences Faculty in such disciplines as plant breeding and genetics, biotechnology, crop physiology, agronomy, forage and turfgrass management, cereal chemistry, soil science, weed science, and environmental soil, water and crop science.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n6278390/Persons/View%20All
60	Dhingra, Amit	TAMU	Agriculture And Life Sciences	College Of Agriculture - Admin - Dean	Research primarily consists of the genetic qualities and manipulation of positive traits in different fruits and other niche horticultural interests.	Environmental	https://hortsciences.tamu.edu/people/faculty/2/amt-dhingra/
61	Wu, X. Ben	TAMU	Agriculture And Life Sciences	College Of Agriculture - Admin - Dean	The current research of Dr. Wu's lab is focused on the spatial ecology and pyric herbivory in savanna landscapes and associated education program focused on educator development and educational innovations. Other recent projects include landscape biogeography of savanna systems, ecology of terraced landscapes, and authentic scientific inquiries in introductory ecology courses and their effects on student learning.	Environmental	https://scholars.library.tamu.edu/vivo/display/n64545d/Persons/View%20All
62	Awika, Joseph	TAMU	Agriculture And Life Sciences	College Of Agriculture - Admin - Dean	Dr. Awika's broad interest is in developing technologies that maximize the ability of food to protect humans against chronic disease. His research focuses on the chemistry behind the behavior and properties of specific micro (polyphenols) and macro (starch and proteins) food constituents derived from grains. Dr. Awika's research involves multidisciplinary and international collaborations with geneticists, nutritional biochemists, agronomists, plant breeders, among others, from around the world.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/nb760602b/Persons/View%20All
63	Winemiller, Kirk	TAMU	Agriculture And Life Sciences	College Of Agriculture - Admin - Dean	Dr. Winemiller is a research scientist with a large lab. The Winemiller Aquatic Ecology Lab investigates fish ecology and evolution, community ecology, and ecosystem ecology in aquatic habitats. The research is strongly oriented towards advancement of both basic scientific understanding as well as options for better conservation of biodiversity and the ecosystems that support it.	Environmental	https://scholars.library.tamu.edu/vivo/display/n5d80e38/Persons/View%20All
64	Herring, Andy	TAMU	Agriculture And Life Sciences	College Of Agriculture - Admin - Dean	Dr. Herring is an administrative and teaching professor. His research interests focus on areas to increase production efficiency for cow-calf producers through coordination of breeding systems, environmental resources and marketing strategies. He has researched genetic and environmental influences on milk production in beef cows, breed differences for feedlot and carcass characteristics, and genetic influences on beef cow reproduction and productivity, cattle temperament and immune responses.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n33d8d5e/Persons/View%20All
65	Wand, Josh	TAMU	Agriculture And Life Sciences	College Of Agriculture - Admin - Dean	Dr. Wand is a research and administrative professor who primarily works with cell protein research. His lab aims to better understand and utilize cell proteins for cancer treatments and Parkinson's disease.	Social	https://scholars.library.tamu.edu/vivo/display/n6ca5d4d/Persons/View%20All
66	Spalink, Daniel	TAMU	Agriculture And Life Sciences	Ecology And Conservation Biology	Dr. Spalink is an assistant professor and agronomist who's lab ranges from studying the dynamics of genetic diversity within species to the evolution of entire plant orders, and from regional patterns of community assembly to the global structure of phylogenetic and functional diversity. As climate changes, habitats fragment, and extinction rates rise, his team uses this evolutionary perspective to understand the processes through which species have evolved and assembled so that society is better equipped to protect them.	Environmental	https://scholars.library.tamu.edu/vivo/display/n72b2f8d/Persons/View%20All
67	Stronza, Amanda	TAMU	Agriculture And Life Sciences	Ecology And Conservation Biology	Dr. Amanda Stronza is an environmental anthropologist and professional photographer with 30 years of research and conservation work in the Amazon, southern Africa, and other parts of the tropics. She is a Professor in the Departments of Ecology and Conservation Biology, and Rangeland, Wildlife, and Fisheries Management, and she co-directs the Applied Biodiversity Science Program at Texas A&M University. She co-founded Ecovist, a non-profit organization in Botswana, aimed at fostering coexistence between people and elephants. Her long-term work in the Amazon has focused on community-based conservation, understanding and documenting local incentives for stewarding wildlife and forests.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n3d5e0f3/Persons/View%20All
68	West, Jason	TAMU	Agriculture And Life Sciences	Ecology And Conservation Biology	Dr. West, an associate professor with expertise in plant physiological ecology and ecosystem ecology. His interests include the roles of vegetation in such ecosystem functions as water, carbon and nitrogen cycling, with a particular interest in the characteristics of tissues found below ground. Understanding the consequences of global change for ecological systems is also a central focus, including the effects of changing atmospheric compositions, human activities that affect available nitrogen, biodiversity, climate change, and land use decisions. Stable isotope ratio analysis forms an important component of many of Dr. West's projects and is an active area of research, primarily targeting questions related to the water cycle and to the development of approaches to scaling up mechanistic understanding to address questions at large spatial scales.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n5c5021e0/Persons/View%20All
69	Perkin, Joshua	TAMU	Agriculture And Life Sciences	Ecology And Conservation Biology	Work in Dr. Perkin's lab focuses on the conservation and sustainable management of freshwater fish diversity, understanding reasons for its decline, and developing approaches for mitigating threats in Texas, the southern Great Plains, and beyond. His team address questions regarding species- and community-level change across spatial and temporal scales using a variety of study approaches, including meta-analyses, field experiments, natural snapshot and trajectory experiments, landscape modeling, and molecular techniques. This research strongly emphasizes how anthropogenic environmental manipulations, either destructive or restorative in nature, cause shifts in fish abundance, distribution, and community structure.	Environmental	https://scholars.library.tamu.edu/vivo/display/n41fa2477/Persons/View%20All
70	Briske, David	TAMU	Agriculture And Life Sciences	Ecology And Conservation Biology	Professor Briske's scholarship and pedagogy focus on the ecological function, management strategies, and policy implications on global rangelands. His teaching program emphasizes preparation of the next generation of leaders to navigate the challenging environmental issues of our time. His scholarship seeks to create translational science to inform natural resource managers and policy makers.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n6d3f6850/Persons/View%20All
71	Wilcox, Bradford	TAMU	Agriculture And Life Sciences	Ecology And Conservation Biology	Dr. Wilcox's research and teaching focus is at the interface of ecology and hydrology—an emerging new discipline called ecohydrology. He is particularly interested in understanding how landscape change resulting from climate change, invasive plants and land degradation may be altering the water cycle. Much of his work has been in semiarid rangelands of the United States, but he works in other landscapes as well, including wetlands in the Texas Coast and high elevation grasslands in the Andes. He and his students have focused on such issues as how woody plants and their management on rangelands may affect streamflows and groundwater recharge; how invasive shrubs in riparian areas are altering river flows; and the hydrological functioning of coastal wetlands.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/nff97e532/Persons/View%20All
72	Gan, Jianbang	TAMU	Agriculture And Life Sciences	Ecology And Conservation Biology	Dr. Gan's current research centers on the economics of bioenergy and natural and human disturbances including climate change, wildfire, pest infestation, and invasion of alien species as related to forest resource management/conservation. He is also keen in issues related to forest product trade, forestry governance, and socially or economically disadvantaged forestland owners. In addition, he has research experience in bioenergy and sustainable forest management in Africa, Asia, and Latin America.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n31458b27/Persons/View%20All
73	Rogers, William	TAMU	Agriculture And Life Sciences	Ecology And Conservation Biology	Dr. Rogers is working on several research projects related to habitat restoration. He is currently involved in studies: (1) promoting the conservation of an endangered orchid species, (2) examining the use of hot summer fires to control woody encroachment in rangelands, (3) assessing the impact a non-indigenous animal (e.g., feral hogs, insect outbreaks) on forest regeneration dynamics, and (4) developing control strategies for Chinese Tallow Tree invasions in a variety of Texas ecosystems.	Environmental	https://scholars.library.tamu.edu/vivo/display/n15d640a4/Persons/View%20All

74	Light, Jessica	TAMU	Agriculture And Life Sciences	Ecology And Conservation Biology	Dr. Light is interested in evolution, systematics, and population genetics of vertebrates and invertebrates. In particular, her interests are in investigating cooperation between mammals and their parasites to determine which factors are important in driving the associations between distantly related taxa. Research in the Light lab is focused broadly in evolutionary biology with a focus on systematics, population genetics, and coevolutionary associations between distantly related organisms, particularly mammals and their parasites	Environmental	https://scholars.library.tamu.edu/vivo/display/ncf845317/Persons/View%20All
75	Fujwara, Masami	TAMU	Agriculture And Life Sciences	Ecology And Conservation Biology	Dr. Fujwara is a teaching and research professor who's main interest is in quantitative population ecology, with a particular emphasis on understanding the dynamics of fish and wildlife populations. His studies focus on individual and population level processes because he believes a deeper knowledge of these processes will lead to a deeper understanding of how the environment affects ecological processes.	Environmental	https://scholars.library.tamu.edu/vivo/display/nc614c383/Persons/View%20All
76	Grant, William	TAMU	Agriculture And Life Sciences	Ecology And Conservation Biology	Dr. Grant conducts research through the Ecological Systems Laboratory and teaches undergraduate and graduate courses relating to ecology, conservation and ecological modeling. The Ecological Systems Laboratory promotes formal exposure to systems analysis and simulation as an integral part of the training of professionals and academicians involved in ecological research or natural resource management. Systems analysis refers both to a general problem-solving philosophy and to a collection of quantitative techniques, including simulation, developed specifically to address problems related to the functioning of complex systems.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/nc6094941/Persons/View%20All
77	Kreuter, Urs	TAMU	Agriculture And Life Sciences	Ecology And Conservation Biology	Dr. Kreuter directs a research program focusing on the Human Dimensions of Rangeland Ecosystem Management. His research is driven by his multidisciplinary interests in ecological economics, rural sociology and environmental psychology and aims to develop theory regarding integrated ecosystem management. Research projects that he directs are conducted at individual property, community and ecosystem scales. Some issues that Dr. Kreuter's research program have addressed include the effects of shifting social values and human demographics on rangeland management; the effectiveness of incentive programs aimed at improving rangeland health, wildlife habitat and water quality on private lands; the effects of landowner perceptions regarding property rights on ecosystem management; and factors influencing the use of fire as a rangeland management tool. Dr. Kreuter's research aims to inform policy aimed at creating positive incentives for the sustainable use and management of terrestrial ecosystems under a broad range of land tenure systems.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/nc6413c6cd/Persons/View%20All
78	Loopstra, Carol	TAMU	Agriculture And Life Sciences	Ecology And Conservation Biology	Carol Loopstra is an associate professor in the Department of Ecology and Conservation Biology with teaching and research interests in the biological aspects of Forestry. She teaches "Forest Trees of North America" and "Tree Improvement and Regeneration". Her research has evolved over time from molecular biology of forest trees focusing on wood development and drought resistance to conifer genomics focusing on drought resistance. Her latest project is funded by the USDA and is a collaboration with the Western Gulf Forest Tree Improvement Program. This project is an attempt to take earlier work and use WGTIP progeny tests to develop molecular markers and biomarkers that can be used to assist with selection of and breeding for trees with increased water-use efficiency and drought resistance while at the same time increasing photosynthetic efficiency and growth.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/nc7a948193/Persons/View%20All
79	Lawing, Michele	TAMU	Agriculture And Life Sciences	Ecology And Conservation Biology	Dr. Lawing is an Associate Professor in the Department of Ecology and Conservation Biology. She is primarily interested in using methods and models from modern ecology and evolutionary biology combined with evidence from the fossil record to inform our understanding of how species and communities respond to environmental change through time. Her work includes the investigation of geographic, evolutionary, and morphological responses of species and communities to environmental changes in the Late Pleistocene and throughout the Miocene to present.	Environmental	https://scholars.library.tamu.edu/vivo/display/ncd41c7435/Persons/View%20All
80	Veldman, Joseph	TAMU	Agriculture And Life Sciences	Ecology And Conservation Biology	In the Veldman Lab at Texas A&M University, we study relationships among plant species, ecosystem functions, and human-induced environmental change. Fire - both as an ancient ecological force and as a management tool - is central to our research on the conservation and restoration of tropical and subtropical savannas and forests. Through interdisciplinary collaborations and outreach to environmental organizations, we work to improve public policies that impact fire-dependent ecosystems and human livelihoods.	Environmental	https://scholars.library.tamu.edu/vivo/display/ncb3131af/Persons/View%20All
81	Boulton, Thomas	TAMU	Agriculture And Life Sciences	Ecology And Conservation Biology	Dr. Boulton is interested in the ecology of grassland and savanna ecosystems, particularly the impacts of land cover/land use changes on ecosystem processes (productivity, decomposition, biogeochemistry, hydrology). At present, most of his work is oriented towards understanding the influence of woody plant invasion into grasslands and savannas on biogeochemistry and soil biology. He is also interested in understanding ecosystem responses to global changes predicted for the future. The effects of climate, land use, and atmospheric composition on ecosystem structure and function are being investigated at time scales ranging from a few years (contemporary ecosystems) to thousands of years (paleo ecosystems), and spatial scales ranging from the soil aggregate to the landscape.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/nc50ab2cc/Persons/View%20All
82	Dewitt, Thomas	TAMU	Agriculture And Life Sciences	Ecology And Conservation Biology	Dr. Dewitt is an associate professor who is primarily interested in ecology, and has recently explored Evolutionary ecology, Morphometrics and biometry, Trait and marker genetics, Predation ecology, Theoretical modeling, and Aquatic animals.	Environmental	https://scholars.library.tamu.edu/vivo/display/ncb4ae80b/Persons/View%20All
83	Winemiller, Leslie	TAMU	Agriculture And Life Sciences	Ecology And Conservation Biology	Dr. Kelso-Winemiller's early research focused on translational regulation in sea urchin early development and more recently, she has conducted research on fish ecology in Africa and South America.	Environmental	https://scholars.library.tamu.edu/vivo/display/ncf1c0b26f/Persons/View%20All
84	Voelker, Gary	TAMU	Agriculture And Life Sciences	Ecology And Conservation Biology	Dr. Voelker is an ornithologist/evolutionary biologist, and his lab focuses primarily on developing molecular phylogenies of avian lineages (and now a few mammals), and using these phylogenies to address questions posed by relationships within those lineages. To date, this research has focused on genera that are distributed on two or more continents (Anthus (pipits), Motacilla (wagtails), Cinclus (dippers) and Turdus (thrushes)). In addition to resolving species relationships and revising taxonomy, work in the lab has dealt with reconstructing historical biogeography and examining the relative roles that dispersal and vicariance (e.g., mountain uplift) may have played in the development of modern day species distributions and assemblages.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/nc63d7b0cc/Persons/View%20All
85	Caola, Claudio	TAMU	Agriculture And Life Sciences	Ecology And Conservation Biology	Dr. Caola and his research team at the Caola lab are interested in studying genome evolution and adaptation in plants using both experimental and computational approaches. They are currently investigating in three main areas: Evolution of lineage-specific traits and adaptation through gene turnover. Population variation in drought tolerance in biology pine Molecular basis of convergent evolution	Environmental	https://scholars.library.tamu.edu/vivo/display/nc4db09d/Persons/View%20All
86	Popescu, Sorin	TAMU	Agriculture And Life Sciences	Ecology And Conservation Biology	Dr. Sorin Popescu's academic interests focus on the application of remote sensing, in particular, and spatial sciences, in general, in natural resources assessment, monitoring, and management. His research interests include remote sensing applications in natural resources and forest sciences, assessment of forest fuels, forest volume and biomass, land use and land cover change, forest carbon sources and sinks, and global environmental change. He has developed various algorithms and software tools for multisensor data fusion and for processing LiDAR data for estimating forest biophysical parameters, such as stand density, tree height, crown diameter, volume, and biomass.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/ncb08b334/Persons/View%20All
87	Feagin, Russel	TAMU	Agriculture And Life Sciences	Ecology And Conservation Biology	Dr. Feagin's research focuses on sand dunes, salt marshes, beaches, and other coastal ecosystems with particular emphasis on the effects of global climate change and urbanization upon coastal plant community distribution using Geographic Information Systems (GIS) and its related technologies. The central question of study is how coastal vegetation responds to and modifies its sedimentary environment, particularly in the context of long-term sea level rise versus short-term extreme disturbances. Dr. Feagin's interests range from basic to applied science, and include community ecology, restoration ecology, coastal geomorphology, ecological complexity, and spatial analysis. He typically integrates field-based manipulative experiments with lab-based spatial analysis/modeling.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/nc1007a74/Persons/View%20All
88	Fitzgerald, Lee	TAMU	Agriculture And Life Sciences	Ecology And Conservation Biology	Dr. Lee Fitzgerald is a herpetologist and Curator of the Division of Amphibians and Reptiles at the Biodiversity Research and Teaching Collections. The Fitzgerald Lab carries out research on evolutionary ecology and conservation biology of amphibians and reptiles. Dr. Fitzgerald's research takes place primarily in the American Southwest and throughout Latin America and the Caribbean. The lab's research addresses various conservation issues, for example, sustainable use as a conservation strategy in the tropics, wildlife trade, determinants of local and regional diversity, and mechanisms determining the persistence and extinction of invasive and native species.	Environmental	https://scholars.library.tamu.edu/vivo/display/nc6c121ba/Persons/View%20All

89	Noormets, Asko	TAMU	Agriculture And Life Sciences	Ecology And Conservation Biology	Dr. Noormets is a Forest Ecologist with background in plant ecophysiology (carbon and nutrient use), ecosystem biochemistry (ecosystem- and landscape level exchange of carbon, water and energy), and global change ecology (plant responses to increasing atmospheric CO2 and ozone. His current work focuses on soil carbon balance and plant carbon allocation in different ecosystems, and in response to various management and land use changes.	Environmental	https://scholars.library.tamu.edu/vivo/display/n2650930/Persons/View%20All
90	Vyavhare, Suhas	TAMU	Agriculture And Life Sciences	Entomology	Dr. Vyavhare is an Assistant Professor and Extension Entomologist in the Department of Entomology at Texas A&M University. His program focuses on planning, developing, and executing extension education activities and applied research that primarily addresses arthropod pest issues of cotton and other field crops such as corn and sorghum in the Texas High Plains region.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n55e1228
91	Teel, Pete	TAMU	Agriculture And Life Sciences	Entomology	Dr. Teel leads a multidisciplinary research program on the biology, ecology and integrated management of ticks associated with livestock, wildlife, companion animals and humans. Research is focused in four areas: 1) tick-host-pathogen-landscape-climate interactions using systems modeling and field based technologies to address ecological and managerial questions, 2) tick suppression tactics in Integrated Tick Management, 3) non-invasive technologies (NIRS and Raman) for detecting tick-infested animals in surveillance and management programs, and 4) comparative studies of Ixodidae and Argasidae.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/nc6ba86b/Persons/View%20All
92	Medina, Raul	TAMU	Agriculture And Life Sciences	Entomology	Dr. Medina's research centers around the role that ecological factors play in the population genetics of arthropods. He is particularly interested in the incorporation of evolutionary ecology considerations into pest control practices. His laboratory is currently assessing how species interactions at macroscopic (host-parasite interactions) and microscopic (arthropod microbiomes) levels interact with genetic variation of agricultural pests and arthropod vectors of human disease. His research team is exploring if the same principles governing insect herbivores' adaptation to their hosts translate into arthropod parasites of animals. He is also interested in understanding the factors that make some biotechnology innovations in agriculture controversial in the public sphere.	Environmental	https://scholars.library.tamu.edu/vivo/display/n807b890/Persons/View%20All
93	Tamberlin, Jeffery	TAMU	Agriculture And Life Sciences	Entomology	Dr. Tamberlin's areas of interest and expertise are the ecology and biology of flies associated with decomposing matter. Primarily, his research falls into two categories, 1) determine proper methods for suppressing fly populations associated with animal waste on confined animal facilities, 2) understanding the biology of insects that colonize human remains in order to assist law enforcement personnel in estimating the time of colonization of a corpse in order to provide a minimum postmortem interval.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n68fbd45b/Persons/View%20All
94	Behmer, Spencer	TAMU	Agriculture And Life Sciences	Entomology	Dr. Behmer is a Professor in the Department of Entomology at Texas A&M University; he is also a member of the Ecology & Evolutionary Biology PhD program, including being the Founding Chair. His research focuses on the nutritional physiology and ecology of insects, including ants, aphids, grasshoppers, caterpillars, and honey bees.	Environmental	https://scholars.library.tamu.edu/vivo/display/nf4d1d023c/Persons/View%20All
95	Rangel Posada, Juliana	TAMU	Agriculture And Life Sciences	Entomology	Dr. Rangel is an associate Professor of Apiculture in the Department of Entomology at Texas A&M University (TAMU) in College Station, TX. Her research program focuses on the biological and environmental factors that affect the reproductive quality of honey bee queens and drones, the behavioral ecology and population genetics of unmanaged honey bees, and the quality and diversity of honey bee nutrition in a changing landscape.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/nf70be1ba/Persons/View%20All
96	Bernal, Julio	TAMU	Agriculture And Life Sciences	Entomology	Dr. Bernal's research program focuses on contributing to the theory and practice of biological control of arthropod pests in managed ecosystems. Specifically, research has focused on ecology and behavior of natural enemies and pests via field and laboratory studies.	Environmental	https://scholars.library.tamu.edu/vivo/display/n939f7165/Persons/View%20All
97	Helms, Anjel	TAMU	Agriculture And Life Sciences	Entomology	Dr. Helms' current research is focused on understanding how chemical compounds mediate interactions among plants, insect herbivores, and herbivore natural enemies. More specifically, her lab is investigating how plants and insect herbivores use chemical information from their environment to assess their risk of attack.	Environmental	https://scholars.library.tamu.edu/vivo/display/nc6106675/Persons/View%20All
98	Oliva Chavez, Adela	TAMU	Agriculture And Life Sciences	Entomology	Dr. Oliva Chavez is an assistant professor in the Department of Entomology at Texas A&M University. Her interest focuses on the molecular host-pathogen and vector-pathogen interactions. She is interested in how vector-borne pathogens influence host and vector cellular responses, such as immune responses, cellular trafficking, and vesicle secretion. She is also interested in finding management alternatives to stop tick feeding and pathogen transmission in animal systems and in humans.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/nf6a5f34/Persons/View%20All
99	Zhu Salman, Keyan	TAMU	Agriculture And Life Sciences	Entomology	Dr. Zhu Salman is a professor in the Texas A&M University Department of Entomology. Her research interests lie in the field of insect-plant-environment interactions. Work in her lab aims to understand plant defense signaling pathways in response to phloem-feeding aphids, as well as how herbivorous insects cope with plant anti-nutritional factors or adverse environmental challenges. She is also studying impact of electron beam irradiation and hypoxia on storage insect pests.	Environmental	https://scholars.library.tamu.edu/vivo/display/n7186e47/Persons/View%20All
100	Eubanks, Micky	TAMU	Agriculture And Life Sciences	Entomology	Dr. Eubanks is a Professor and Texas A&M Agrilife Research Fellow in the Department of Entomology. Eubanks has studied ecological interactions involving plants and insects for 30 years. He has authored or co-authored approximately 100 peer-reviewed papers and a textbook on the ecology of insects and plants. His research areas of expertise are insect ecology, integrated pest management, invasive species, and biological control.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/nf409014/Persons/View%20All
101	Tarone, Aaron	TAMU	Agriculture And Life Sciences	Entomology	Aaron Tarone, Ph.D. is a professor in the Texas A&M University Department of Entomology and teaches entomology and forensic science courses. He is part of the academic leadership for an NSF/NIJ funded Center for Advanced Research in Forensic Science. His research and teaching interests relate to the molecular and organismal biology of fly development, evolution, ecology, and life history. This work impacts basic biology, decomposition ecology, forensic science, and green technologies.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n8a67d7b7/Persons/View%20All
102	Hamer, Gabriel	TAMU	Agriculture And Life Sciences	Entomology	Research in the Hamer Lab broadly investigates the ecology of infectious diseases of humans, wild animals, and domestic animals, with particular attention to those transmitted by arthropod vectors (e.g. mosquitoes, ticks, kissing bugs). We have focused primarily on vector-host interactions that lead to parasite amplification and increased disease risk. We utilize multidisciplinary tools to studying these complex disease systems, including molecular biology, landscape epidemiology, eco-immunology, and ecological modeling. A goal of our research is to elucidate mechanisms of transmission across space and time that facilitate ecological management of diseases with effective intervention and preventative strategies.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/nc13f3f44/Persons/View%20All
103	Riaz, Mian	TAMU	Agriculture And Life Sciences	Food Science And Technology	Dr. Riaz is a food science specialist with research interests in extrusion processing of food and feed, oilseed processing, snack food, pet food, and vegetable protein processing.	Social	https://scholars.library.tamu.edu/vivo/display/n31bf6ee/Persons/View%20All
104	Pillai, Suresh	TAMU	Agriculture And Life Sciences	Food Science And Technology	Dr. Pillai's research focuses on bacterial cell-to-cell signaling, the molecular ecology of pathogens in natural and man-made ecosystems and the use of novel technologies to concentrate, detect, and decontaminate pathogens. His research on molecular microbial ecology and cell-cell signaling is targeted at understanding the complex and hitherto poorly understood relationship between microbial communities and human behavior. His research is aimed at understanding the role that the GI tract-associated microbiome has on human behavior.	Social	https://scholars.library.tamu.edu/vivo/display/n3009a050/Persons/View%20All
105	Castillo, Alejandro	TAMU	Agriculture And Life Sciences	Food Science And Technology	Dr. Castillo's research interests include the development of control measures for minimizing and reducing pathogens in fresh and fresh-cut food products, the bacterial reduction on beef and pork products and fresh produce by sanitizing rinses and the use of electron beam irradiation for food safety purposes.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n6e6976cb/Persons/View%20All
106	Wallace, Russell	TAMU	Agriculture And Life Sciences	Horticultural Sciences	Dr. Wallace's area of research includes vegetable weed and pest control, variety heat tolerance, and vegetable and strawberry production using high tunnels for season extension and adverse climate protection. Dr. Wallace works closely with commercial growers and commodity groups to improve crop production, and assists with teaching Master Gardener courses and conferences around the region and state.	Environmental	https://scholars.library.tamu.edu/vivo/display/n4d86d380/Persons/View%20All
107	Stein, Larry	TAMU	Agriculture And Life Sciences	Horticultural Sciences	Dr. Stein's area of research has been on production horticulture developing best management practices for pecans, fruits and vegetable crops.	Environmental	https://scholars.library.tamu.edu/vivo/display/n8796759/Persons/View%20All
108	Scheiner, Justin	TAMU	Agriculture And Life Sciences	Horticultural Sciences	Dr. Scheiner's Extension activities include developing educational programming for prospective and current grape growers in the state of Texas and conducting applied research on best management practices for vineyards in areas of Texas affected by Pierce's Disease.	Environmental	https://scholars.library.tamu.edu/vivo/display/nf84b4218/Persons/View%20All
109	Masabni, Joe	TAMU	Agriculture And Life Sciences	Horticultural Sciences	Dr. Masabni's area of research is vegetable crop production and Extension education. As vegetable extension specialist, Dr. Masabni develops extension programs and provides educational opportunities to improve the profitability of the vegetable industry in Texas. The Extension program addresses the continued education of Extension agents and producers through workshops, training sessions, and print or electronic publications.	Environmental	https://scholars.library.tamu.edu/vivo/display/nbd042669/Persons/View%20All
110	Hall, Charlie	TAMU	Agriculture And Life Sciences	Horticultural Sciences	Dr. Hall is a marketing specialist and researcher who focuses on how consumers purchase products (specifically horticultural) in relation to marketing and price points. Analyzes how consumers approach products based on a cross reference between eco-friendliness and affordability.	Environmental & Economic & Social	https://hortsciences.tamu.edu/people/Faculty-2/charlie-hall/

111	Klein, Patricia	TAMU	Agriculture And Life Sciences	Horticultural Sciences	Dr. Klein's research focuses on developing the genomic tools and resources in crops to enable map based cloning of economically important genes, and to understand the underlying mechanisms that plants use to withstand biotic and abiotic stress. Dr. Klein conducts genetic studies on several plant species including sorghum, rose, and pecan.	Environmental	https://ipob.tamu.edu/people/klein-patricia/
112	Vales, Maria Isabel	TAMU	Agriculture And Life Sciences	Horticultural Sciences	Dr. Vales leads the Texas A&M Potato Breeding and Variety Development Program. The goal of the Program is to develop high yielding potato varieties, mainly for the fresh and chipping markets, adapted to Texas growing conditions. She combines conventional and molecular tools to enhance the efficiency of potato breeding efforts and to maximize genetic gains from selection.	Environmental	https://scholars.library.tamu.edu/vivo/display/n3dc104d/Persons/View%20All
113	Crosby, Kevin	TAMU	Agriculture And Life Sciences	Horticultural Sciences	Dr. Crosby's area of research is plant breeding and genetics of vegetable crops. He has worked on melon, pepper, tomato, onion and carrot. The main emphasis of his research has been the elucidation of genetic mechanisms for stress tolerance and enhanced nutritional quality. Dr. Crosby has discovered several novel traits and studied their inheritance in both melon and pepper. These range from root physiology and vigor to virus and insect resistance. His program also has developed a genetic linkage map of melon with DNA markers linked to several key traits. The development of thousands of novel families for genetic studies has also produced elite breeding lines for commercial seed companies and 9 cultivar releases. In addition, Dr. Crosby has developed unique, high antioxidant pepper lines with flavonoid and ascorbic acid levels more than 400% higher than commercial cultivars.	Environmental	https://scholars.library.tamu.edu/vivo/display/r0b3d3a3a/Persons/View%20All
114	Reed, David	TAMU	Agriculture And Life Sciences	Horticultural Sciences	Dr. Reed's research ranges from basic to applied and primarily focuses on nutrition, especially iron nutrition, and the effects of water quality and salinity on greenhouse crops. His research findings are routinely published in the scientific literature. However, his "first love" is teaching, and he teaches a packed house of several hundred students each semester in his General Horticulture course. As an extension of his desire to teach, he has presented over seventy talks at various industry and professional meetings throughout the country. His presentations incorporate demonstrations and workshops so the participants take home "how to" as well as "academic" knowledge.	Environmental	https://scholars.library.tamu.edu/vivo/display/r0cb5e3d0/Persons/View%20All
115	Davis, Tim	TAMU	Agriculture And Life Sciences	Horticultural Sciences	Dr. Davis' current primary responsibility includes serving as Regional Director for Asia for the Borlaug Institute of International Agriculture at Texas A&M. He also teaches HORT 281 - Horticulture as a Profession. He has significant professional service responsibilities and serves as Chair of the Department's Promotion and Tenure Committee. His research background is in adventitious root formation and plant growth regulation.	Environmental	https://scholars.library.tamu.edu/vivo/display/n073c2e6c/Persons/View%20All
116	Zhen, Shuyang	TAMU	Agriculture And Life Sciences	Horticultural Sciences	Dr. Zhen's current research focuses on environmental plant physiology and the optimization of specialty food and ornamental crop production in controlled environments. Her research interests include photosynthesis and crop yield, LED lighting, plant nutrition, hydroponics, and the selection of crops with improved performance in greenhouses and indoor vertical farms.	Environmental	https://scholars.library.tamu.edu/vivo/display/r08867402/Persons/View%20All
117	Patil, Bhimanagouda	TAMU	Agriculture And Life Sciences	Horticultural Sciences	Dr. Bhimu Patil is internationally recognized for his expertise and research on 'foods for health' and his related educational programs. His systems-wide farm-to-table approaches include examining pre- and postharvest effects on bioactive compounds, isolating and characterizing these compounds from different fruits and vegetables, and understanding their roles in human health. Moreover, he has a strong working relationship with produce industry stakeholders. Dr. Patil has a distinguished record of achievements in education, including leading the development of three unique courses linking agriculture, human health, and sustainability.	Environmental	https://scholars.library.tamu.edu/vivo/display/r0a0e203e/Persons/View%20All
118	Riera-Lizarazu, Oscar	TAMU	Agriculture And Life Sciences	Horticultural Sciences	Dr. Riera-Lizarazu works on rose genetics and breeding with the goal of developing, testing, and releasing improved varieties of roses with regional and national adaptation as well as conducting research on the use of genomic-based tools for rose variety development and understanding the genetic basis of traits in Rosa and related horticultural crops.	Environmental	https://scholars.library.tamu.edu/vivo/display/rcc0294e6/Persons/View%20All
119	Camero-Zevallos, Luis	TAMU	Agriculture And Life Sciences	Horticultural Sciences	Dr. Camero's research program at the Plant Bioactives & Bioprocessing Research Laboratory seeks to generate information that can benefit the agriculture and processing industry by adding value to crops through bioactive compound discovery and the design of appropriate methods to enhance their content in plants as well as extend their post-harvest shelf-life.	Environmental	https://scholars.library.tamu.edu/vivo/display/n2e6b04c1/Persons/View%20All
120	Pierson, Elizabeth	TAMU	Agriculture And Life Sciences	Horticultural Sciences	Dr. Pierson's areas of research include plant-microbe interactions, biological control, and sustainable agriculture. She also conducts research related to zebra chip disease of potato, microbe-insect interactions, and terrestrial plant ecology. She teaches the undergraduate course Garden Science and the graduate course Plant-associated Microorganisms, which is available to students in three different graduate programs.	Environmental	https://scholars.library.tamu.edu/vivo/display/n17574534/Persons/View%20All
121	Beathard, Karen	TAMU	Agriculture And Life Sciences	Nutrition And Food Science	Dr. Beathard is an Instructional Associate Professor in the Department of Nutrition and Food Science and manages the Accreditation Council for Education in Nutrition and Dietetics Didactic Program in Dietetics at Texas A&M University. She is also Co-collaborator with the RD Mentorship Program and ION Sport Research. She is a registered dietitian nutritionist (RD) with applied industry experience with emphasis in food service management, clinical dietetics and private consultation. Her recent published works involve health and nutrition benefits associated with eggs in diets, as well as leadership and communication around nutrition.	Social	https://nutrition.tamu.edu/people/beathard-karen/
122	Chapkin, Robert	TAMU	Agriculture And Life Sciences	Nutrition And Food Science	Research in the Chapkin lab focuses on dietary/microbial modulators related to the prevention of cancer and chronic inflammatory diseases.	Social	https://scholars.library.tamu.edu/vivo/display/n3f0a5f8f/Persons/View%20All
123	Wu, Chaodong	TAMU	Agriculture And Life Sciences	Nutrition And Food Science	The long-term goal of Dr. Wu's research program is to elucidate the mechanisms underlying the pathogenesis of obesity and overnutrition-associated metabolic diseases including insulin resistance, diabetes, and fatty liver disease so that novel dietary and/or pharmacological approaches can be developed for preventing and/or treating metabolic diseases. Using molecular, cellular, and integrative approaches, the Wu lab is focused on investigating the interaction between metabolism and inflammation.	Social	https://scholars.library.tamu.edu/vivo/display/na24a9443/Persons/View%20All
124	Guo, Shaodong	TAMU	Agriculture And Life Sciences	Nutrition And Food Science	The long-term goal of Dr. Guo's research is to study the molecular mechanisms of insulin signal transduction, insulin resistance and associated cardiovascular dysfunction, aiming at nutritional and therapeutic intervention for control of metabolic and cardiovascular disorders.	Social	https://scholars.library.tamu.edu/vivo/display/n2ef8f395/Persons/View%20All
125	Sequin-Fowler, Rebecca	TAMU	Agriculture And Life Sciences	Nutrition And Food Science	Dr. Sequin-Fowler is a public health scientist with expertise in community-based nutrition and physical activity intervention research. Her current research focuses on understanding how people's social, food and physical activity environments influence behavior change and maintenance—particularly in at-risk populations and settings, such as low-income families and rural communities. Combining her interests in behavioral theory, health communications and the context in which people develop, change, and maintain health behaviors, Sequin-Fowler has co-developed comprehensive curricula and trainings for evidence-based health promotion programs to benefit midlife and older women.	Social	https://scholar.google.com/citations?hl=en&user=ds08AAAA&view_op=list_works&sort=bydate
126	Qing, Kevin	TAMU	Agriculture And Life Sciences	Plant Pathology And Microbiology	Dr. Qing is currently the director of the Texas Plant Disease Diagnostic Laboratory (Plant Clinic). This laboratory provides plant disease diagnostic service to AgLife Extension personnel, homeowners, farmers, greenhouse and nursery producers, landscape contractors, interiorscapers, arborists, consultants, and any other group or individual needing accurate identification of plant disease problems. The Plant Clinic collaborates efforts with state and federal agencies through the National Plant Diagnostic Network - Southern Region.	Environmental	https://scholars.library.tamu.edu/vivo/display/n0353572/Persons/View%20All
127	Alabi, Olufemi	TAMU	Agriculture And Life Sciences	Plant Pathology And Microbiology	Dr. Alabi conducts translational studies that address immediate and long-term needs of growers and other stakeholders involved in the production of fruit and vegetable crops. His research program emphasizes virus discovery and characterization, genetic diversity and population genetics studies, and understanding of disease epidemiology. The overarching goal is to utilize the results of these studies to develop science-based disease management strategies.	Environmental	https://scholars.library.tamu.edu/vivo/display/r61ed9404/Persons/View%20All
128	Isakelt, Thomas	TAMU	Agriculture And Life Sciences	Plant Pathology And Microbiology	Dr. Isakelt is a research scientist who responds to the needs of Texas growers with research and educational efforts aimed at solving their plant disease problems. He primarily works on diseases of field crops, with emphasis on major diseases of cotton, corn, and sorghum in Texas. He also work on diseases of some vegetables, with emphasis on watermelons.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n3c45126/Persons/View%20All

129	Cochran, Kimberly	TAMU	Agriculture And Life Sciences	Plant Pathology And Microbiology	Dr. Cochran works with a wide variety of crops in the Texas Winter Garden and the expanse of district 10 that spans from Bastrop in the east to Brackettville, TX in the west. She has ongoing projects on spinach, grape, pecan, olive, and sesame. Producers of many specialty crops need more research and disease information support, and she strives to provide that to them while being mindful of sustainable practices and water conservation. She has research interests in working with a variety of foliar and soilborne diseases, which are influenced by the needs of producers in her area of the state of Texas. These currently include: Pierce's Disease on grape, Anthracnose and Stemphylium Leaf Spots on spinach, Cotton Root Rot (aka Texas Root Rot) on a variety of hosts, and root rots of sesame.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n36848936/Persons/View%20All
130	Jo, Young-Ki	TAMU	Agriculture And Life Sciences	Plant Pathology And Microbiology	The principal focus of Dr. Jo's research and extension deals with the management of diseases associated with turfgrass, rice, and soybean. Studies have been conducted to develop molecular identification methods of causal pathogens and to improve cultural and chemical strategies to manage diseases in the field.	Environmental	https://scholars.library.tamu.edu/vivo/display/nc0256512/Persons/View%20All
131	Dai, Susie	TAMU	Agriculture And Life Sciences	Plant Pathology And Microbiology	Dr. Dai's research group is interested in evaluating environmental hazard substances, their interactions with the environment and species, and biological systems that can degrade and detoxify the pollutants. Her team has established broad analytical platforms to survey a wide spectrum of natural or man-made toxic chemicals such as mycotoxins, micropesticides, agricultural, and industrial chemicals.	Environmental	https://vivo.library.tamu.edu/vivo/display/n27690618
132	Anthony Babu, Sanjay	TAMU	Agriculture And Life Sciences	Plant Pathology And Microbiology	Dr. Babu's research focuses on deciphering diversity, function and bioactivity of microbiomes of plants, and soils that are associated with plants.	Environmental	https://scholars.library.tamu.edu/vivo/display/n80967dbff/Persons/View%20All
133	Verchot, Jeanmarie	TAMU	Agriculture And Life Sciences	Plant Pathology And Microbiology	Dr. Verchot's research team has interest in understanding the mechanisms of virus disease, specifically in potyviruses and potexviruses – common families infecting a wide range of crops. They endeavor to use their understanding in engineering novel methods for crop disease control.	Environmental	https://scholars.library.tamu.edu/vivo/display/n849981be/Persons/View%20All
134	Shim, Won Bo	TAMU	Agriculture And Life Sciences	Plant Pathology And Microbiology	The Shim lab at Texas A&M University focuses on studying fungal pathogens of field crops, particularly Fusarium species. Notably, hazardous Fusarium mycotoxins pose a significant threat to global food safety and human health. Crop losses as well as the regulatory, testing, and management costs associated with mycotoxins in the US tops \$1 billion annually.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n8734884/Persons/View%20All
135	Chappell, Thomas	TAMU	Agriculture And Life Sciences	Plant Pathology And Microbiology	The Chappell lab works to develop models to be used in agricultural disease and pest management.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/nf900c040/Persons/View%20All
136	Rector, Barron	TAMU	Agriculture And Life Sciences	Rangeland, Wildlife & Fisheries Mgmt	Dr. Rector is an Extension Range Specialist with the Texas A&M AgriLife Extension Service in the Department of Rangeland, Wildlife and Fisheries Management. His professional experience is biology, chemistry, plant taxonomy, environmental ecology and range animal nutrition. Dr. Rector's current program responsibility include urban natural resource program development, rangeland seeding, grazing management, plant ID and youth programming.	Environmental	https://rwfm.tamu.edu/people/rector-barron/
137	Clayton, Megan	TAMU	Agriculture And Life Sciences	Rangeland, Wildlife & Fisheries Mgmt	Dr. Clayton's current research interests include managing rangeland for a combination of wildlife and livestock uses, small acreage management, brush management, and youth natural resources education.	Environmental	https://scholar.google.com/citations?hl=en&user=2P4afV0AAAIA&view_op=list_works&sort=byupdate
138	Fox, William	TAMU	Agriculture And Life Sciences	Rangeland, Wildlife & Fisheries Mgmt	Dr. Fox's research focuses on restoration of drastically disturbed rangelands with an emphasis on recovery of military training lands. He is currently studying the impacts of soil amendments (compost and other nutrient based additives) and their effect on restoring desirable vegetation communities in an effort to slow accelerated erosion on the Army's Fort Hood reservation.	Environmental	https://scholars.library.tamu.edu/vivo/display/nf3503568/Persons/View%20All
139	Kyle, Gerard	TAMU	Agriculture And Life Sciences	Rangeland, Wildlife & Fisheries Mgmt	Dr. Kyle's research addresses an array of questions that provide insight on people's propensity to adopt behaviors that reduce their carbon footprint, protect biodiversity, promote stewardship, and support the protection and development of green infrastructure and the ecosystem services they afford.	Environmental	https://rwfm.tamu.edu/people/kyle-gerard/
140	Barboza, Peregrine	TAMU	Agriculture And Life Sciences	Rangeland, Wildlife & Fisheries Mgmt	Dr. Barboza is a wildlife ecologist with a focus on the role of fauna in ecosystems. The principal focus of his team's research is the consequences of life history and environmental change on nutrition. Current projects are focused on ungulates (e.g., reindeer, caribou, moose, muskoxen, white-tailed deer) but they also study waterfowl (e.g. ducks and geese) as well as non-game species (e.g. porcupines and bats) in both wild and captive populations. They are attempting to provide information that will expand policy options for managing wildlife populations and their habitats.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n5774ebef/Persons/View%20All
141	Matarrita Cascante, David	TAMU	Agriculture And Life Sciences	Rangeland, Wildlife & Fisheries Mgmt	Dr. Matarrita Cascante's research in rapid community change is guided by the field of community sociology. This work seeks to better understand, from a sociological perspective, local processes that minimize the negative effects of rapid change while enhancing sustainable livelihoods. A second area of interest includes the topic of human dimensions of natural resources, guided by the fields of natural resource and environmental sociology.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n6843ae14/Persons/View%20All
142	Morrison, Michael	TAMU	Agriculture And Life Sciences	Rangeland, Wildlife & Fisheries Mgmt	Dr. Morrison specializes in the broad area of wildlife-habitat relationships. Dr. Morrison's areas of focus include examining factors responsible for driving the distribution and abundance of wildlife species with an emphasis on smaller vertebrates including small mammals, bats and birds.	Environmental & Social & Economic	https://scholar.google.com/citations?hl=en&user=fnsoyfAAAAIA&view_op=list_works&sort=byupdate
143	McInnes, Kevin	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. McInnes has research interests/a focus on mass and energy transport in the soil-plant-atmosphere continuum.	Environmental	https://scholars.library.tamu.edu/vivo/display/n648b311/Persons/View%20All
144	Inlayson, Scott	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Inlayson is an associate professor who's research program is investigating the roles of environmental signals as conditioners of plant growth and development, and discovering the mechanisms through which they work. Current research interests include defining the pathways and mechanisms associated with the regulation of branch development by light signals (and other signals), using both crop and model species.	Environmental	https://soilcrop.tamu.edu/people/inlayson-scott-a/
145	Deng, Youjun	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Deng's research team focuses on soil clay mineralogy group is to reveal molecular mechanisms of 1) reactions of soil/clay minerals with natural and synthetic organic, inorganic, and biological compounds with environmental and industrial importance, e.g., mycotoxins, emerging organic contaminants, organoclays, modification of clay minerals; and 2) soil/clay mineral transformation under various natural and anthropogenic conditions, e.g., agriculture, forest, desert, wetland, polar region, and Mars soils, at nuclear waste storage sites and repositories, mine tailing and dump sites. They are also adapting and developing advanced spectroscopic and microscopic methods and molecular modeling for soil/clay mineralogy studies.	Environmental & Economic	https://soilcrop.tamu.edu/people/deng-youjun/
146	Murray, Seth	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Murray's research interests focus on improving the productivity, sustainability (economic and environmental) and quality of agricultural production through scientific research and development, mostly in maize (corn).	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n606b8456/Persons/View%20All
147	Carson, Katherine	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Carson is an instructional assistant professor with research expertise in weed science and pesticide residue analysis.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n5e48be67/Persons/View%20All
148	Rooney, William	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	The long-range goal of Dr. Rooney's sorghum improvement program is to enhance the productivity and profitability of grain, forage and bioenergy sorghum production systems. The sorghum breeding program is used as a mechanism to develop and release sorghum germplasm to meet this goal. In addition to the release of improved sorghum genotypes, research in the program emphasizes the genetic and molecular genetic inheritance of disease resistance, grain quality and agronomic productivity and adaptability. The research provides opportunities for graduate student training in fundamental and applied aspects of plant improvement. Specific research interests include the development of sorghum germplasm for bioenergy (both sweet and biomass).	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n7c24b4611/Persons/View%20All
149	Zhang, Hongbin	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Zhang's research is focused on genomics and systems biology in crop plants, particularly development of genomic and systems biological knowledge and new or advanced technologies for enhanced crop research and breeding. These include re-establishing of the molecular basis and mechanisms of genetics and biology; cloning and characterization of genes and quantitative trait loci (QTLs) controlling traits of agronomic importance; deciphering of the molecular mechanisms of biological phenomena or traits of importance such as quantitative genetics, epigenetics, crop yield, crop quality, heterosis and plant polyploidization; and development of molecular toolkits and associated pipelines for next-generation enhanced crop breeding such as gene-based breeding and crop production such as molecular precision agriculture.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n8ad1df35/Persons/View%20All
150	Verhoef, Aart	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Verhoef's research uses light to study biological processes. He has developed novel techniques to image dynamic processes faster and to obtain information on the chemical composition of living tissues without the need to destroy the tissue or introduce fluorescent labels. He applies fast imaging to insect brains in order to learn how some of their remarkable capabilities, such as night vision in nocturnal insects, can be translated to technology, to benefit society in general and agriculture specifically.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n8c455040/Persons/View%20All

151	Howe, Julie	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	The main focus of Dr. Howe's research program is to better understand the impact of soil management practices on the fate and transformations of nutrients and carbon in the soil and water. Her goal is to improve nutrient cycling and carbon storage in soils through better land management that is economically viable and environmentally responsible. Understanding transformations of nutrients and carbon in an agroecosystem is an important aspect of the research goal.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n920ca97/Persons/View%20All
152	Ibrahim, Amir	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Ibrahim is a professor and the project leader of the Small Grains Breeding program. His responsibilities include management of oat cultivar development for the entire state of Texas and wheat cultivars for South and Central Texas. His current research interests include mapping of genes and quantitative trait loci (QTL) associated with biotic and abiotic stress tolerance, end-use quality characteristics, germplasm diversity and genetic distance, yield per se, and synthetic wheat. His specific research interests regarding hybrid wheat include developing tools and germplasm necessary for hybrid wheat production, including sterility mechanisms, heterotic pools, and the genomic information necessary for efficient prediction of hybrid performance.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n2089199d/Persons/View%20All
153	Bagavathiannan, Muthukumar	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Bagavathiannan's research interests fall within the broader area of Weed Science and Agronomy, with particular emphasis on weed ecology and management. The threat of herbicide resistance is immense in broad-acre systems, leading to loss of effective herbicide options, increased herbicide use and unintended impacts on the broader environment. To this effect, the prime goal of his research program is to understand the evolutionary biology and dynamics of herbicide resistance in weed communities and develop integrated pest management (IPM) solutions encompassing chemical and non-chemical tactics to prevent/effectively manage herbicide resistance.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n40b31913/Persons/View%20All
154	Jessup, Russell	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Jessup's research focuses on conventional, cytogenetic, and genomic strategies towards development of improved perennial grasses as bioenergy platforms for biofuels, turfgrasses, forage, ornamentals, phytoextractors and renewable bio-based products. This includes developing molecular tools to assist marker-assisted breeding programs for value-added traits such as: net primary productivity, carbon sequestration, perenniality, photoperiodism, hybrid sterility, and apomixis. Forage crops are further selected for resource use efficiency, stress tolerance, and novel seeded-yet-sterile hybrid systems.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/nb4158114/Persons/View%20All
155	Wyatt, Briana	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Wyatt's research program focuses on developing useful applications of meteorological, soil moisture, and soil physical property data and studying the influence of soil moisture on various components of the hydrological cycle and soil health. This includes the use of in-situ and remote sensing data to quantify the magnitude of components of the soil water balance and surface energy balance, including evapotranspiration (ET), soil water storage, deep drainage, and runoff, and to determine how these components vary in time and space. The overarching goal of her research program is to provide useful information and tools that will allow fellow researchers, land and water managers, and the public to better steward the increasingly threatened soil and water resources of our planet.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n73d0579f/Persons/View%20All
156	Hague, Steven	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Hague's research emphasis is to create cotton cultivars and germplasm with high-yield potential, excellent drought tolerance and resistance to insects endemic to Texas.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n4328568f/Persons/View%20All
157	Wherley, Benjamin	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Wherley's research program addresses basic and applied research issues related to turfgrass management, physiology, and ecology. Research focuses on developing sustainable approaches new technologies for irrigation, nutrient management, and construction practices for golf course, sod production, and lawn systems.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n99274e55/Persons/View%20All
158	Sepiningsih, Endang	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Sepiningsih's current research focus is plant genetics, genomics, and gene editing, with an emphasis on rice and several other crops. This covers various traits, including abiotic and biotic stresses, grain quality, yield and important agronomic traits that are important to Texas and the rest of the world.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n74b30c48/Persons/View%20All
159	Straw, Chase	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Straw's primary research interest focuses on precision turfgrass management, which involves interdisciplinary approaches aimed at understanding the spatial and temporal variability of turfgrass systems in order to develop practical strategies for reducing management inputs and improving the overall user experience.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n3d8d2d05/Persons/View%20All
160	Rajan, Nithya	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Rajan's current research areas include crop ecophysiology, agroecology and water management of agricultural crops. Her research integrates measurements by a variety of techniques such as remote sensing, simulation modeling, soil and boundary layer flux (CO ₂ , water vapor, and greenhouse gases) measurements, it involves scaling up point measurements to the field and landscape scales using modeling and geospatial data. It also includes the development of decision support tools for irrigation management. Her other research interests include large scale agroecosystem studies addressing issues such as land use change, water sustainability, and climate change.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n5b71123a/Persons/View%20All
161	Okumoto, Sakiko	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Okumoto is researching to understand how nitrogen (N), quantitatively the most important nutrient in crops, is managed in plants. Specifically, her research aims at how amino acid, one of the main forms of organic N in plant body, is transported. In order to study such mechanisms in detail, her team have developed protein-based, fluorescent sensors that allow us to track amino acids in live cells. They are currently interrogating the processes in which amino acid exporters are involved in, using various genetic resources such as C-DNA insertion mutants and gene editing tools. She is also interested in developing novel sensors for other biologically important molecules.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n97d6d38/Persons/View%20All
162	Hays, Dirk	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Hays's research focuses on nutritional, food product, and abiotic stress plant breeding in wheat, sorghum, cowpea, cassava and high biomass energy crop using high throughput remote sensing, biochemical, physiological, and genetic based methods.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n0fb76dc/Persons/View%20All
163	Thomson, Michael	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Thomson's research expertise is in plant molecular breeding with an emphasis on rice genetics and genomics, international agriculture, and developing CRISPR-based gene editing approaches for efficient gene validation and trait development. His primary objective is to apply new genetic discoveries to rice improvement to help Texas producers and rice farmers around the world produce higher yields of superior quality rice in an environmentally sustainable manner. He is also leading the AgriLife Research Crop Genome Editing Lab to optimize high-throughput gene editing across a number of diverse crop species.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n74c3095d4/Persons/View%20All
164	Gentry, Terry	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Gentry's research focuses on the development and use of molecular technologies to enhance the detection and remediation of environmental contamination. This includes the detection and identification of microbial pathogens from animal, human, and natural sources and also the characterization of microbial populations and communities contributing to applied remediation processes such as the bioremediation of organic and metal contaminants.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n6955d1d9/Persons/View%20All
165	Smith, A. Peyton	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Smith's research focuses on how physical, biological and chemical processes interact at fine scales (soil aggregate or pore scale) to alter the flow of carbon and nutrients at larger scales (field or landscape scale). She is especially interested in how global change (land use and climate change) and extreme weather (droughts, floods) alters the soil microbiome and their role in fundamental biogeochemical processes, such as nutrient and soil carbon cycling in both natural and agro-ecosystems.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n883b4c3/Persons/View%20All
166	Aburto Guerrero, Felipe Andres	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Through his research, Dr. Guerrero explores landscape-scale processes, human-soil interactions, and biogeochemical controls on soil mineral weathering, elemental cycling, and soil development. He emphasizes pedological mechanisms and soil functions that support vital ecosystem services, including carbon sequestration, nutrient and water cycling, and interactions among soils, microbes, vegetation, and hydrology at different scales. In his research program, he studies the underpinning pedological mechanisms that control soil formation, like mineral weathering and secondary mineral formation and biogeochemical supporting processes that define ecosystem productivity and resilience.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n1e3c38c/Persons/View%20All
167	Provin, Tony	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Provin is a soil science specialist who primarily researches different methodologies for testing soil sample content in responses to agricultural production or disturbance. Dr. Provin also runs the soil sample testing center on the TAMU campus and helps assist other researchers and professors with their educational endeavors via the soil sample results.	Environmental	https://soilcrop.tamu.edu/people/provin-tony/
168	Schnell, Ronnie	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Schnell is an associate professor who's programs provides statewide leadership for sorghum, corn and bioenergy cropping systems. His program conducts dozens of applied research trials statewide and disseminates information to growers through numerous producer meetings, crop tours and Extension publications. His research focuses on precision agriculture, nutrient management, management of emerging pest and crop rotations. I also provide leadership for the State Grain Sorghum and Corn Hybrid Testing Program.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n43f9e617/Persons/View%20All
169	Noland, Reagan	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Noland is an associate professor who's research efforts support goals of input-use efficiency, improving productivity, exploring new technologies, and conservation of soil and water for the overall benefit to current and future crop production.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n195c4e44/Persons/View%20All

170	Grubbs, Rebecca	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Grubbs's research interests focus primarily on environmental turfgrass science through precision turfgrass management and the evaluation of practices to improve resource-use efficiency in turfgrass systems. She conducts qualitative research intended to study and improve communication pathways between researchers and end-users. Dr. Grubbs seeks to provide outreach and education tools that serve the needs of the growing Texas turfgrass industry and its many components (golf courses, athletic fields, home lawns, sod production, and parks/ree). Her efforts go toward identifying and demonstrating best management practices to turfgrass producers and managers in order to help them meet their respective goals in a way that is efficient and sustainable.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n548a24/Persons/View%20All
171	McGinty, Joshua	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. McGinty's research and education programs emphasize weed management, crop variety testing and selection, nutrient management, site-specific management, and other crop management technologies.	Environmental	https://scholars.library.tamu.edu/vivo/display/n82c785b/Persons/View%20All
172	Bell, Jourdan	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Bell is a research science specialist, who's research efforts focus on agronomic management to improve crop production and profitability on the Texas High Plains. Extension activities include assisting County Extension Agents with demonstration trials as well as compiling and presenting results for regional producers through trial reports and county programs. Research activities target varietal selection as well as changing agronomic practices in sorghum (grain and forage), wheat, cotton, and corn systems on the Texas High Plains as a result of declining regional groundwater levels.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n8c0e1e0b/Persons/View%20All
173	Mowrer, Jake	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Mowrer is investigating the effect of soil fertility practices on water-capture and water-use efficiency in row crop, forage, and vegetable production systems. Refining our understanding of tillage, residue, and fertility management to achieve goals in sustainability and profitability for Texas food and fiber producers.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n6d0e1e0d/Persons/View%20All
174	Masda, Murilo	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Masda serves in a leadership role in cotton production for the Texas High Plains and the development of educational programs and materials related to the profitable and sustainable production of cotton in a challenging, semi-arid environment. His program interacts with farmers, county and IPM agents, extension specialists, research faculty, and allied industry to develop and deliver new technologies and educational programs designed to help cotton producers make timely and informed crop management decisions.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n02026a45/Persons/View%20All
175	Trostle, Calvin	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Trostle provides research support primarily to the Texas High Plains region and secondary across Texas for grains (sorghum, sunflower, peanuts, wheat/small grains, guar, alfalfa, winter canola, summer annual forages, castor, and sesame). He conduct additional programming in dryland reduced tillage systems, cover cropping, soil fertility/soil testing, and Rhizobium/Bradyrhizobium inoculants for legumes.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n030513e2/Persons/View%20All
176	Olson, Vanessa	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Olson is a research scientist who's vision is to affect a true change in the efficiency of forage production and utilization in Texas by emphasizing the integrated use of proven methods and technologies, assist our state's forage producers to improve yields, stand persistence, and input use efficiency, decrease the threat to our environment, and increase profitability.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n0c679d03/Persons/View%20All
177	Nolte, Scott	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Dr. Nolte's goal is to provide statewide leadership in effective, profitable and sustainable integrated weed management in row crops, pastures, home lawns, golf courses and sports fields in Texas.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n2d08f7a2/Persons/View%20All
178	Kimura, Emi	TAMU	Agriculture And Life Sciences	Soil & Crop Sciences	Extension focus includes cultivar testing, nutrient management, soil fertility, cover crops, cropping systems, alternative crops, efficient irrigation, site-specific management, weed and brush control, and rangeland management. My goal as an Extension Agronomist is to provide sustainable and economically sound agronomic practices to producers in the Rolling Plains of Texas through a collaborated effort with regional and state Extension Specialists and Research Scientists within Texas A&M system, as well as external collaborations across the states and nations.	Environmental	https://scholars.library.tamu.edu/vivo/display/n0596f35/Persons/View%20All
179	Borges Gonzalez, Alejandro	TAMU	Architecture	Architecture	Dr. Gonzalez is a teaching professor whose recent works discuss plastic reduction and architecture that generates power from waste.	Environmental	https://scholars.library.tamu.edu/vivo/display/n268f512e/Persons/View%20All
180	Haberl, Jeff	TAMU	Architecture	Architecture	Dr. Haberl is a professor of practice, and his works emphasize building energy modeling, statistical modeling, methods for diagnosing operational problems, operator feedback using comparisons of predicted and actual energy use, artificial intelligence, advanced energy usage graphics, prescreening calculations for improving commercial and residential energy audits, public-domain MBV algorithms, computerized solar shading procedures, accuracy tests for HVAC systems, BIM-to-thermal procedures, and procedures for calculating air pollution savings from energy efficiency and renewable energy projects.	Environmental	https://scholars.library.tamu.edu/vivo/display/n97ce0e0d/Persons/View%20All
181	Lu, Zhipeng	TAMU	Architecture	Architecture	Dr. Zhipeng Lu's interests include intersections between healthcare and architecture for the elderly as well as facilitating positive interactions between people and the built environment surrounding them.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n620e1f05/Persons/View%20All
182	Culp, Charles	TAMU	Architecture	Architecture	Dr. Culp's interests are technology education, improving the comfort/energy efficiency of buildings, involving students in research, combining architecture with technology to achieve high performance buildings, measurement and verification, air flow technology and human comfort in building spaces.	Environmental & Social & Economic	https://scholar.google.com/citations?im=8&user=1G731AAA&view_op=ot_works&sort_by=pubdate
183	Zhu, Xuemei	TAMU	Architecture	Architecture	Dr. Zhu is a research based professor who is primarily interested in the architecture of health care or health care dependent communities. Her recent works have primarily dealt with how healthcare architecture has fared during the covid-19 pandemic and how they are inequities within the built environment among different racial groups.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n84affea9/Persons/View%20All
184	Clayton, Mark	TAMU	Architecture	Architecture	Dr. Clayton is a professor of the practice who works with developing sustainable communities and has recently been developing climate resilient envelopes for buildings.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n75952a7e/Persons/View%20All
185	Baltazar, Juan Carlos	TAMU	Architecture	Architecture	Dr. Juan Carlos Baltazar is an Associate Research Engineer with the ES, where he analyzes the measurement and verification data as well as meteorological data required by all ESI projects. Dr. Baltazar's area of expertise is in Renewable Energy Systems and Energy Use Efficiency. In particular, he has extensive knowledge of solar thermal systems and has over twenty-five years of academic research in these fields.	Environmental & Social & Economic	https://scholar.google.com/citations?im=8&user=CvU1YUAAA&view_op=ot_works&sort_by=pubdate
186	Aryal, Ashrant	TAMU	Architecture	Construction Science	Dr. Aryal is an assistant professor who's research objectives and aspirations are to improve human comfort, productivity and well-being by using intelligent indoor environmental controls while trying to maintain energy efficient building operations. Some example topics of interest are: thermal comfort modeling and control of HVAC and personal comfort systems Physiological monitoring to understand the impact of indoor environment Grid-Interactive Efficient buildings Building energy simulations with occupant behavior	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n0c5e045/Persons/View%20All
187	Hartell, Julie Ann	TAMU	Architecture	Construction Science	Dr. Hartell is an assistant professor with research interests in Construction Materials, Concrete Properties and Durability, Sustainable Materials and Recycling, Nondestructive Testing and Monitoring Methods.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/nf68a55c5/Persons/View%20All
188	Lawy, Sarei	TAMU	Architecture	Construction Science	Dr. Lawy is interested in facility management in the healthcare and education sector, construction engineering, maintenance, performance, life cycle cost techniques, and quantitative methods in facility management.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/nde2e561e/Persons/View%20All
189	Dixit, Manish	TAMU	Architecture	Construction Science	Dr. Dixit's research interests include life cycle energy and environmental modeling, green building materials, embodied energy modeling, zero-energy buildings, building information modeling (BIM), and facility performance assessment. He is also interested in developing Application Programming Interfaces (APIs) for BIM authoring tools.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/nf466841/Persons/View%20All
190	Kang, Julian	TAMU	Architecture	Construction Science	Dr. Kang is interested in best utilizing emerging information technologies such as Building Information Model (BIM), 4D Visualization, and Digital Fabrication for construction engineering and project management.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n8e27d05b/Persons/View%20All
191	Behzadan, Amir	TAMU	Architecture	Construction Science	Dr. Behzadan is a construction scientist specialist and endowed professor with research interests in built environment informatics, urban computing, disaster resilience, and construction safety.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n335990a5/Persons/View%20All
192	Choi, Eunhee	TAMU	Architecture	Construction Science	Dr. Choi is a Chancellor EDGES professor in the Department of Construction Science. His interests have centered on improving the adaptive capacity of the legacy transportation system by creating and testing cyber-enabled systems to empower digital twinning intelligence, which ultimately revolutionizes the way we live, work, and travel. Dr. Choi's research is ground-breaking and of utmost significance to multiple key areas related to the renewal of the nation's aging transportation infrastructure systems, and his work showcases for the world what outstanding research, discovery, and teaching look like.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n7c0d4007/Persons/View%20All
193	Lewis, Phil	TAMU	Architecture	Construction Science	Dr. Lewis is a construction science specialist who has recently published work researching the effectiveness of biodiesel vs. traditional diesel during the construction process.	Environmental	https://scholars.library.tamu.edu/vivo/display/n79795318/Persons/View%20All
194	Malecha, Matthew	TAMU	Architecture	Landscape Architecture & Urban Planning	Dr. Malecha is an assistant instructional professor who's research focuses on community resilience to natural hazards—especially the roles of plans, policies, and regulations, and their interactions with underlying social and spatial characteristics.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n83734541/Persons/View%20All

195	Roberts, Andrea	TAMU	Architecture	Landscape Architecture & Urban Planning	Dr. Andrea Roberts is an Assistant Professor of Urban Planning at Texas A&M University. She is also the founder of The Texas Freedom Colonies Project, a research & social justice initiative documenting Black place-making history and grassroots preservation. Dr. Roberts engages in ethnographic, archival, and action research using digital humanities platforms to make marginalized groups' endangered places visible and relevant to scholars, policymakers, and practitioners.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n661156d9/Persons/View%20All
196	Rosenheim, Nathanael	TAMU	Architecture	Landscape Architecture & Urban Planning	Dr. Rosenheim is a Research Associate Professor in the Department of Landscape Architecture and Urban Planning at Texas A&M University. His research focuses on planning methods that connect economic and demographic data with community resilience planning. Recent projects include a study of access to food retailers and food aid agencies in Southeast Texas and Harris County after Hurricane Harvey in 2017.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n07827cb9/Persons/View%20All
197	Newman, Galen	TAMU	Architecture	Landscape Architecture & Urban Planning	Dr. Newman is a Professor and Head in the Department of Landscape Architecture and Urban Planning (LAUP) at Texas A&M University as well as the Youngblood Endowed Professor of Residential Land Development. Dr. Newman's research interests include urban regeneration, land use science, spatial analytics, community resilience, and built environment performance.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/nb25c9f7b/Persons/View%20All
198	Meyer, Michelle	TAMU	Architecture	Landscape Architecture & Urban Planning	Dr. Meyer is an associate professor whose research interests include disaster recovery and mitigation, environmental sociology and community sustainability, and the interplay between environmental conditions and social vulnerability. Particularly, Michelle studies inequality and how disaster and environmental settings intersect with structural forces that maintain or transform inequality. She uses the lens of social capital and collective efficacy to theoretically understand how relationships between individuals and between governmental and nongovernmental organizations generate or hinder disaster risk and recovery.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/nbc99fd/Persons/View%20All
199	Peacock, Walter	TAMU	Architecture	Landscape Architecture & Urban Planning	Dr. Peacock is professor of Urban Planning in the Department of Landscape Architecture and Urban Planning, and he is internationally known for his research on disaster recovery, community resiliency, and social vulnerability.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n549851c/Persons/View%20All
200	Purdum, Carlee	TAMU	Architecture	Landscape Architecture & Urban Planning	Dr. Purdum is a Research Assistant Professor for the Hazard Reduction and Recovery Center at Texas A&M University. Her work centers on how hazards and disasters impact incarcerated populations and correctional facilities, with an emphasis on the social vulnerability of incarcerated populations, emergency planning and policies in correctional settings.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n9bed1a4/Persons/View%20All
201	Ye, Xinyue	TAMU	Architecture	Landscape Architecture & Urban Planning	Dr. Ye's research focuses on geospatial artificial intelligence, big data, smart cities, and urban computing. Dr. Ye models the space-time perspective of socioeconomic inequality and human dynamics for applications in various domains, such as economic development, disaster response, transportation and land use, public health and urban crime.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/nf06ca39/Persons/View%20All
202	Wunneburger, Douglas	TAMU	Architecture	Landscape Architecture & Urban Planning	Dr. Wunneburger's primary research interests include studies of social impacts due to interactions of demographics and spatially explicit policies and laws.	Environmental & Social & Economic	https://scholar.google.com/citations?user=8user3DQg_yDAAAA&view_op=list_works&sort=bypubdate
203	Li, Dongying	TAMU	Architecture	Landscape Architecture & Urban Planning	Dr. Li is a research professor who seeks to explore the human-environment relationships, especially the mental health benefits of exposure to urban nature using measures and approaches from geography, psychology, and public health. As a designer, she applies her research findings to support interdisciplinary evidence-based design that addresses pressing issues such as climate change, environmental health and equity.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n578a67b/Persons/View%20All
204	Brown, Robert	TAMU	Architecture	Landscape Architecture & Urban Planning	Dr. Brown is a professor of Landscape Architecture & Urban Planning at the Texas A&M University. His team studies how elements in the landscape modify the different components of the microclimate, and how the microclimate affects the thermal comfort of people. By integrating these landscape architects can design environments that modify the microclimate to create thermally comfortable outdoor environments.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n0c385dd/Persons/View%20All
205	Goddard, Tara	TAMU	Architecture	Landscape Architecture & Urban Planning	Dr. Goddard is an assistant professor with research interests in vulnerable road user safety; partial/conditional autonomous technology and driver behavior; driver cognition and attention; transportation planning; traffic safety and crash reduction; and design for sustainable transportation.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n17ac116/Persons/View%20All
206	Lee, Chanam	TAMU	Architecture	Landscape Architecture & Urban Planning	Dr. Lee's research focuses on linking the built environment with public health outcomes. Her expertise is in 'active living research', a transdisciplinary area of research that deals with environmental and policy approaches toward promoting physical activity. Dr. Lee's contributions to this relatively new area of scholarship is significant in: (a) developing methodological and theoretical foundations, (b) bringing attention to high-risk populations, and (c) translating research into tools/guides to facilitate evidence-based policy/design interventions.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n6d513108/Persons/View%20All
207	Yu, Siyu	TAMU	Architecture	Landscape Architecture & Urban Planning	Dr. Yu is an assistant professor in the Department of Landscape Architecture and Urban Planning and a core faculty with the Hazard Reduction and Recovery Center at Texas A&M University. Her experience spans land use, plan integration, and resilience issues in the United States, the Netherlands, and Japan. Much of Dr. Yu's current research focuses on the development, application, and extension of the Plan Integration for Resilience Scorecard™ (PIRC) evaluation methodology. The aim of this research is to better understand relationships among the network of land use and development plans and policies, and social and physical vulnerability to hazards and climate change.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n8256d19/Persons/View%20All
208	Winslow, Jane Futrell	TAMU	Architecture	Landscape Architecture & Urban Planning	Jane Futrell Winslow is an assistant professor in the Department of Landscape Architecture and Urban Planning at Texas A&M University, where she is a Fellow in the Center for Health Systems and Design. With extensive experience throughout the United States as both landscape architect and planner, her projects incorporate multifunctional green infrastructure with the goal of promoting human health through physical activity and ecological sustainability. Dr. Winslow engages reflective practice in her research to advance both the discipline and profession of landscape architecture. Her primary research features analysis of community scale ecosystem benefits to human health.	Environmental & Social & Economic	https://scholar.google.com/citations?user=YOGeoc8AAAA&hl=en&oi=ao
209	Van Zandt, Shannon	TAMU	Architecture	Landscape Architecture & Urban Planning	Dr. Shannon Van Zandt's scholarship focuses on the intersection of affordable housing with disaster impacts, resilience, and recovery, with particular interest in how residential land use patterns exacerbate or mitigate exposure to natural hazards, specifically flooding.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/nf07d9c9b/Persons/View%20All
210	Li, Wei	TAMU	Architecture	Landscape Architecture & Urban Planning	Dr. Wei Li is Associate Professor of Urban Planning and Coordinator of the Master of Urban Planning Program at Texas A&M University. He is committed to the promotion of sustainability and health through smart investments on urban infrastructure. He has published numerous high-impact journal articles that assess economic and health impacts of various environmental attributes, such as green space, urban forestry, public transit, walkability, and bikeability. His research contributes insights for better investment decisions on sustainable transportation and green infrastructure.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n5611d3a/Persons/View%20All
211	Rising, Hope Hui	TAMU	Architecture	Landscape Architecture & Urban Planning	Dr. Rising has expertise in Civil Engineering, Landscape Architecture, Social Sciences, and Urban, Technological, and Environmental Planning. She investigates multi-hazard community resilience as community-initiated, self-organizing interactions between humans, disasters, and the built environment to mitigate and reduce the impacts of hazards; focusing on psychophysiological and socioenvironmental factors that contribute to consensus-based and individual decision-making to make the commons more sustainable and accessible.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/nbd5e4e16/Persons/View%20All
212	Quek, Francis	TAMU	Architecture	Visualization	Dr. Quek's research area is human-computer interaction and computer vision, focusing on embodied interaction and cognition, support for human learning, and research in assistive technologies for individuals with disabilities. His research is highly relevant to K-12, STEM, and inclusive education.	Social	https://scholars.library.tamu.edu/vivo/display/nf785c8c7/Persons/View%20All
213	Seo, Jinsil	TAMU	Architecture	Visualization	Dr. Seo is an associate professor of Visualization with expertise in rendering interactive models. Her recently published works have included models and plans to promote interconnectedness among the elderly in order to build community.	Social	https://scholars.library.tamu.edu/vivo/display/n93bd31d/Persons/View%20All
214	Vedlitz, Arnold	TAMU	Bush School Of Gov't & Public Sv	Public Service And Administration	Dr. Arnold Vedlitz is a professor and holder of the Bob Bullock Chair in Government and Public Policy in the Bush School of Government and Public Service. His teaching and research focus on science and technology policy, minority politics, public policy, inter-group conflict, American political behavior, urban politics, and political psychology.	Social	https://scholars.library.tamu.edu/vivo/display/n89c219a/Persons/View%20All
215	Greer, Robert	TAMU	Bush School Of Gov't & Public Sv	Public Service And Administration	Dr. Robert Greer is an associate professor in the Bush School of Government and Public Service at Texas A&M University. Dr. Greer specializes in public budgeting and finance and publishes in the areas of state and local government debt management, infrastructure finance, and fiscal federalism. Recent work has focused on water infrastructure financing.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/nf2c57ff/Persons/View%20All

216	Du, Heng	TAMU	Bush School Of Gov't & Public Sv	Public Service And Administration	Dr. Du's primary research areas include nonprofit finance, philanthropy, and prosocial behavior. Her research covers a range of topics that have practical implications for capacity building and resource development of nonprofit organizations. These include nonprofit revenue management, nonprofit endowment management, nonprofit financial reporting and accountability, charitable giving, volunteering, as well as effects of pro-social behavior on people's health and wellbeing.	Social & Economic	https://scholars.library.tamu.edu/vivo/display/n618c217/Persons/View%20All
217	Robertson, Raymond	TAMU	Bush School Of Gov't & Public Sv	International Affairs	Dr. Robertson is an expert in the fields of labor economics and international economics.	Social & Economic	https://scholars.library.tamu.edu/vivo/display/n618c217/Persons/View%20All
218	Hudson, Valerie	TAMU	Bush School Of Gov't & Public Sv	International Affairs	Dr. Valerie Hudson is a University Distinguished Professor who joined the faculty of the Bush School in 2012 as the holder of the George H. W. Bush Chair. She is an expert on international security and foreign policy analysis as well as gender and security. Dr. Hudson offers courses on women and nations (the foundations course for the Women, Peace, and Security concentration), foreign policy analysis, and a capstone on Women, Peace, and Security. Dr. Hudson has developed a nation-by-nation database on women, the WomanStats Database (http://www.womanstats.org/), that has triggered both academic and policy interest (the latter includes its use by both the US Senate Foreign Relations Committee and various agencies of the United Nations). Using this data, Hudson and her co-principal investigators from the WomanStats Project have published a wide variety of empirical work linking the security of women to the security of states.	Social	https://scholars.library.tamu.edu/vivo/display/n618c217/Persons/View%20All
219	Lahay, Joanna	TAMU	Bush School Of Gov't & Public Sv	Public Service And Administration	Dr. Joanna N. Lahay received her PhD in economics at the Massachusetts Institute of Technology. Dr. Lahay is an expert on age discrimination and the relationship between age and labor market outcomes. Her work also covers the effects of fertility control access.	Social & Economic	https://scholars.library.tamu.edu/vivo/display/n618c217/Persons/View%20All
220	Taylor, Lori	TAMU	Bush School Of Gov't & Public Sv	Public Service And Administration	Lori Taylor currently serves as the Principal Investigator for the Texas Smart Schools Initiative. She developed the National Center for Education Statistics' Comparable Wage Index (CWI) and Comparable Wage Index for Teachers (CWIT), and has written extensively on school finance issues, including the measurement of regional cost variations; the determinants of school district efficiency; the implications of weighted student funding for equity within school districts; and teacher compensation.	Social & Economic	https://scholars.library.tamu.edu/vivo/display/n618c217/Persons/View%20All
221	Cortes, Kalena	TAMU	Bush School Of Gov't & Public Sv	Public Service And Administration	Dr. Cortes' research interests are in the areas of the Economics of Education, Labor Economics, and Economic Demography. Her research focuses on issues of equity and access, in particular, identifying educational policies that help disadvantaged students at the PK-12 and post-secondary levels. She has worked on three key areas: improving academic performance of urban students, increasing access to post-secondary education, and raising educational attainment of immigrant students.	Social & Economic	https://scholars.library.tamu.edu/vivo/display/n618c217/Persons/View%20All
222	Dague, Laura	TAMU	Bush School Of Gov't & Public Sv	Public Service And Administration	Dr. Laura Dague is an associate professor in the Public Service and Administration department in the Bush School of Government & Public Service at Texas A&M University. Dr. Dague is an expert on Medicaid and the economics of public health insurance. Her recent publications focus on changes in the Medicaid program and their relation to federal health care reform, including how standalone Medicaid interacts with the Supplemental Security Income program. Current projects continue this work by considering how Medicaid enrollees respond to premiums, how temporary Medicaid coverage affects labor supply, and the effects of expanding Medicaid to nontraditional populations such as low-income adults without dependent children on outcomes such as retirement, mental health, and participation in other programs.	Social & Economic	https://scholars.library.tamu.edu/vivo/display/n618c217/Persons/View%20All
223	Alfred, Mary	TAMU	Education	College Of Education - Admin - Dean	Dr. Alfred is a teaching professor who specializes in adult learning and development, equity and social justice in education and the workplace, immigration and learning, welfare reform and women's economic development, women of the Diaspora, and overall education.	Social	https://education.tamu.edu/Team-mary-alfred
224	Liew, Jeffrey	TAMU	Education	College Of Education - Admin - Dean	Professor Liew's research expertise is in the area of learning and developmental sciences, specializing in social-emotional development with an emphasis on emotion, self-regulation, and executive functions. The majority of his research focuses on early childhood, but the body of Professor Liew's research spans early childhood through early adulthood, with much of his work supported by grants from federal agencies and foundations.	Social	https://scholar.google.com/citations?user=bHnPCmAAAAIA&hl=en&oi=sq
225	Fong, Fuhai	TAMU	Education	College Of Education - Admin - Dean	Dr. Fong is an administrative professor with research interests primarily focusing on the education and comprehension of international students (mostly Chinese students) in their studies despite the English language barrier gap, as well as their ability to learn English. Dr. Fong has also studied how these students' overall learning fared during the course of the pandemic.	Social	https://scholars.library.tamu.edu/vivo/display/n618c217/Persons/View%20All
226	Irby, Beverly	TAMU	Education	College Of Education - Admin - Dean	Dr. Irby's primary research interests center on issues of social responsibility, including bilingual and English-as-a-second-language education, administrative structures, curriculum, and instructional strategies.	Social	https://scholars.library.tamu.edu/vivo/display/n618c217/Persons/View%20All
227	Nafukho, Fredrick	TAMU	Education	College Of Education - Admin - Dean	Dr. Nafukho's research focuses on educational policy analysis within international and comparative education, investment in human capital development, emotional intelligence and leadership development, organizational development and change, evaluation in organizations, transfer of learning, organizational learning and e-learning.	Social	https://scholars.library.tamu.edu/vivo/display/n618c217/Persons/View%20All
228	Bailey, Krista	TAMU	Education	Educational Adm & Human Resource Develop	Dr. Bailey is a professor who specializes in Student Affairs Administration within the realm of higher education. Her work largely focuses on how to be a good leader within student affairs, and has specifically done research on how to be inclusive and diverse leader. Dr. Bailey also has conducted research on the inequities and barriers faced by working mothers in administrative or office roles.	Social	https://eahr.tamu.edu/Team-dr-krista-bailey
229	Kim, Juighwan	TAMU	Education	Educational Adm & Human Resource Develop	Dr. Kim teaches graduate courses in adult education and HRD. Linking to the individual, organizational, and social change, Dr. Kim's research focuses on learning, leadership/career development, and community/work engagement in young to older adults in settings including nonprofit and for-profit organizations, higher education institutions, and everyday life. He also researches the [inter]national policies and practices of HRD, lifelong learning, and workforce development.	Social	https://scholars.library.tamu.edu/vivo/display/n618c217/Persons/View%20All
230	Mai, Bin	TAMU	Education	Educational Adm & Human Resource Develop	Dr. Mai's main research interests focus primarily on the analytical, empirical and behavioral investigations of Information Technology Management (ITM) / Human-Computer Interaction (HCI) in general, and of information security (InfoSec) and data privacy in particular, and has published widely in these fields. He also has extensive experience in ITM/HCI/InfoSec curriculum design and delivery.	Social	https://scholars.library.tamu.edu/vivo/display/n618c217/Persons/View%20All
231	Stanley, Christine	TAMU	Education	Educational Adm & Human Resource Develop	Dr. Stanley's research interests are in faculty professional development, instructional development, multicultural organizational development, and college teaching.	Social	https://scholars.library.tamu.edu/vivo/display/n618c217/Persons/View%20All
232	Birani, Khalil	TAMU	Education	Educational Adm & Human Resource Develop	Dr. Birani is an administrative professor with research interests in international HRD Organization Change and Development Learning Organization the Middle East and North Africa Region Transfer of Learning Practices and Theories Across Cultures Leadership and Talent Development in Emerging Market Economies	Social	https://scholars.library.tamu.edu/vivo/display/n618c217/Persons/View%20All
233	Hwang, Jihee	TAMU	Education	Educational Adm & Human Resource Develop	Dr. Hwang is an assistant professor with research interests in Assessment and evaluation in higher education and workforce College and career trajectories of underrepresented population Evidence-based decision making Institutional Research Large-scale dataset development, management, and analysis Survey research	Social	https://scholars.library.tamu.edu/vivo/display/n618c217/Persons/View%20All
234	Ponjuan, Luis	TAMU	Education	Educational Adm & Human Resource Develop	Dr. Ponjuan maintains a social justice research agenda focused on access and equity in higher education for underrepresented students and faculty members of color, and STEM learning outcomes.	Social	https://scholars.library.tamu.edu/vivo/display/n618c217/Persons/View%20All
235	Roumell, Elizabeth	TAMU	Education	Educational Adm & Human Resource Develop	Dr. Roumell is an associate professor with research interests in: adult learning and identity development, supervising and mentoring graduate research, adult and workforce education policy analysis, evaluation and program implementation.	Social	https://scholars.library.tamu.edu/vivo/display/n618c217/Persons/View%20All
236	Salaazar, Cynthia	TAMU	Education	Educational Adm & Human Resource Develop	Dr. Salaazar's research focuses on three distinct areas: a) the higher education experiences of undocumented students in the U.S.; b) the use of action research methodologies to enhance the study of higher education; and c) the mechanisms used by minoritized students to access, persist, and succeed in higher education. By investigating these topics, she seeks to generate localized retention theories and student success models which can potentially reduce minoritized students' college attrition.	Social	https://scholars.library.tamu.edu/vivo/display/n618c217/Persons/View%20All
237	Hill-Jackson, Valerie	TAMU	Education	Educational Adm & Human Resource Develop	Dr. Hill-Jackson's research interests include: critical teacher education, transformative/servant leadership, service learning/community education, ethnography, gifted education, culture + curriculum, and STEM education for underserved learners.	Social	https://scholars.library.tamu.edu/vivo/display/n618c217/Persons/View%20All
238	Beyerlein, Michael	TAMU	Education	Educational Adm & Human Resource Develop	Dr. Beyerlein's research interests include: team creativity, emergence of virtual organizations, and innovation science. His publications specifically address the topics of teams and collaboration, creativity and innovation, knowledge management, and intangible capital.	Social	https://scholars.library.tamu.edu/vivo/display/n618c217/Persons/View%20All
239	Madsen, Jean	TAMU	Education	Educational Adm & Human Resource Develop	Dr. Madsen's research interests include studying workplace relationships and its effect on inclusion.	Social	https://scholars.library.tamu.edu/vivo/display/n618c217/Persons/View%20All

240	Bowen, Daniel	TAMU	Education	Educational Adm & Human Resource Develop	Dr. Bowen's research examines the value of (what have been traditionally referred to as) "non-core" subjects and school-sponsored, culturally-enriching activities through experimental and quasi-experimental research methods. Her current research studies the organizational implications of changing demographics in schools.	Social	https://scholars.library.tamu.edu/vivo/display/n05ab0514/Persons/View%20All
241	Montague, Marcia	TAMU	Education	Educational Psychology	Dr. Marcia Montague is a Clinical Assistant Professor in Special Education at Texas A&M University and director of AHH. She has nine years of special education experience where she taught students with a wide range of abilities. At TAMU, she currently teaches coursework in family involvement and empowerment as well as transition from school to work. She engages in dedicated efforts to develop and maintain solid partnerships with surrounding school districts. This work has included leading efforts in mentoring, tutoring, developing and implementing academic and social skills camps, and providing professional development training.	Social	https://education.tamu.edu/teams-of-marcia-montague
242	Rivera, Hector	TAMU	Education	Educational Psychology	Dr. Rivera prepares Aggie students to pursue teaching careers in bilingual education, ESL and dual language. Dr. Rivera's research focuses on areas of youth resilience, learning environments, and community capacity-building. His hard work has contributed to the development of programs to serve classroom leaders for the teaching and learning of diverse children. He has devoted a significant amount of his career to youth mentorship, championing educational opportunities for all children through his research on socio-emotional learning and child development.	Social	https://scholars.library.tamu.edu/vivo/display/n636783b/Persons/View%20All
243	Edami, Zohreh	TAMU	Education	Educational Psychology	Zohreh Edami is a Professor at the Department of Teaching, Learning, and Culture at Texas A&M University in College Station and currently serves as the Liberal Arts Program Chair at Texas A&M University at Qatar. Her research has examined intercultural and cross-cultural communication, English as an international language, sociocultural perspectives of teaching, and acquisition of English as a second/foreign language. Her publications include over one hundred journal papers, book chapters and conference proceedings.	Social	https://scholars.library.tamu.edu/vivo/display/nb346c1df/Persons/View%20All
244	Etekal, Idean	TAMU	Education	Educational Psychology	Dr. Etekal is an Assistant Professor in the Department of Educational Psychology. Dr. Etekal's research examines the impact of children's and adolescent's interpersonal relationships (e.g., peer and parent-child relationships) on their social and emotional development. In particular, he is interested in studying how children's interpersonal experiences (e.g., peer victimization, peer rejection and friendships, and hostile parent-child interactions) shape the development of antisocial and externalizing behaviors such as aggression, bullying, rule-breaking, and youth violence.	Social	https://scholars.library.tamu.edu/vivo/display/n85429899/Persons/View%20All
245	Perrott, Lisa	TAMU	Education	Educational Psychology	Dr. Lisa Bowman-Perrott's research spans special education, bilingual education, and school psychology and focuses on academic and behavioral interventions for students with or at-risk for emotional and behavioral disorders. As an extension of her work implementing interventions in schools, Dr. Bowman-Perrott examines the efficacy of various interventions through meta-analysis. Her meta-analytic work has allowed her to move beyond investigating whether a given intervention is effective to examining what aspects of interventions moderate their effectiveness, and determine for which students they are most effective. Students with or at-risk for EBD have been the primary focus of her meta-analytic work.	Social	https://scholars.library.tamu.edu/vivo/display/n1886387c/Persons/View%20All
246	Gagne, Jeffrey	TAMU	Education	Educational Psychology	Dr. Gagne is an associate professor whose current research program includes the TFS and a multi-method study of self-control and related traits in three-year-olds that incorporates behavioral, emotional, cognitive and neurophysiological measures with colleagues in ESPY and Psychology (The Early Self-Control Development and School Readiness Study, SCD Study). He is currently working on expanding this study to include additional participants and longitudinal data collections that span early childhood through school age.	Social	https://scholars.library.tamu.edu/vivo/display/n73d7648b/Persons/View%20All
247	Erbelli, Florina	TAMU	Education	Educational Psychology	Dr. Erbelli is a teaching and research professor with interests in typical and atypical reading development, predictive factors of reading achievement, dyslexia and other forms of reading disabilities.	Social	https://scholars.library.tamu.edu/vivo/display/n2a9112b/Persons/View%20All
248	Castillo, Linda	TAMU	Education	Educational Psychology	Dr. Castillo's expertise and research focuses the influence of the acculturation process on Mexican American mental health and educational disparities; marianismo and Latina mental health; and scale development and validity of cultural constructs.	Social	https://scholars.library.tamu.edu/vivo/display/n8c44988/Persons/View%20All
249	Walichowski, Miranda	TAMU	Education	Educational Psychology	Dr. Walichowski is an associate professor with research interests in Language brokering, Oral proficiency, Teacher Effectiveness, Teacher Preparation, and Vocabulary development within the field of bilingual education.	Social	https://scholars.library.tamu.edu/vivo/display/n8d8b37fd/Persons/View%20All
250	Elliott, Timothy	TAMU	Education	Educational Psychology	Dr. Elliott's research has examined adjustment processes among persons living with chronic and disabling health conditions, with particular emphasis on the role of social problem-solving abilities and other factors that predict adjustment following disability.	Social	https://scholars.library.tamu.edu/vivo/display/n4c3a4106/Persons/View%20All
251	Fogarty, Melissa	TAMU	Education	Educational Psychology	Dr. Fogarty is research professor with interests in developing comprehensive reading skills for students, especially students who are classified as being special needs and/or have disabilities.	Social	https://scholars.library.tamu.edu/vivo/display/n713d669a/Persons/View%20All
252	Castro Olive, Sara	TAMU	Education	Educational Psychology	Dr. Castro Olive's research focuses on the development and validation of culturally responsive social-emotional and behavioral interventions for Latino EL youth and families.	Social	https://scholars.library.tamu.edu/vivo/display/n4b7474/Persons/View%20All
253	Kwok, Di-Man	TAMU	Education	Educational Psychology	Dr. Kwok's research interests include examining the methodological issues of both multilevel models and structural equation models, and the applications of these models in different educational and psychological research.	Social	https://scholars.library.tamu.edu/vivo/display/n522be90/Persons/View%20All
254	Ganz, J.	TAMU	Education	Educational Psychology	Dr. Ganz's research focuses on the use of technology to improve social-communication deficits in people with autism spectrum and other developmental disabilities.	Social	https://scholars.library.tamu.edu/vivo/display/n5f44b13b/Persons/View%20All
255	Whiteside, Erin	TAMU	Education	Educational Psychology	Dr. Whiteside is a clinical assistant professor with research interests in ABA / Behavior Management, Autism, Small Group Instruction, and Teacher Preparation.	Social	https://scholars.library.tamu.edu/vivo/display/n29444141/Persons/View%20All
256	Neshya, Monica	TAMU	Education	Educational Psychology	Dr. Neshya is a clinical associate professor who has been involved in education for twenty years in various roles, including bilingual (Spanish/English) tutor, elementary teacher, bilingual curriculum coordinator, English as a second language/bihered instruction strategies and English language learner assessment coordinator for central Texas school districts. Dr. Neshya's dissertation focused on how a high school mariachi class (offered as a course) can serve as a conduit for students' expression of identity and hopes to continue to research classrooms in various contexts as safe spaces for linguistic and cultural expression.	Social	https://scholars.library.tamu.edu/vivo/display/nf69b13d7/Persons/View%20All
257	Ricco, Cynthia	TAMU	Education	Educational Psychology	Dr. Ricco's primary research interests include Learning Disabilities, Attention Deficit Hyperactivity Disorder, Neuropsychology, and Individual Assessment.	Social	https://scholars.library.tamu.edu/vivo/display/n60582e9d/Persons/View%20All
258	Lara-Alecio, Rafael	TAMU	Education	Educational Psychology	Dr. Rafael Lara-Alecio is a System Regents professor at Texas A&M University where he has been a faculty member since 1991. Dr. Lara-Alecio has made many contributions to the field of bilingual education, including his influential Four-Dimensional Bilingual Pedagogical Theory and Model designed for bilingual classrooms. This theory and the accompanying low-inference classroom observation instrument have been validated in dual language, transitional bilingual, and English as a second language (ESL) classrooms with English language learners (ELLs). His research also includes virtual classroom observations, teacher professional development, and mentoring and coaching.	Social	https://scholars.library.tamu.edu/vivo/display/n0cb051de/Persons/View%20All
259	Luo, Wen	TAMU	Education	Educational Psychology	Dr. Luo is a research scientist and teaching professor with interests in Growth modeling of longitudinal data, Modeling of data with complex multilevel structures, and Quantitative methods for teacher and program evaluations.	Social	https://scholars.library.tamu.edu/vivo/display/nff486d4/Persons/View%20All
260	Smith, Leann	TAMU	Education	Educational Psychology	Dr. Smith's mission is to promote the resiliency of marginalized populations by understanding the context-specific challenges and cultural assets of racially diverse students that are amenable to intervention in order to improve educational and health equity. Currently, her work focuses on the utility of parental and peer ethnic-racial socialization in Black youth development, and race-related stressors within the context of peer support mechanisms that impact STEM attrition at the college level.	Social	https://scholars.library.tamu.edu/vivo/display/n909296a5/Persons/View%20All
261	Thompson, Julie	TAMU	Education	Educational Psychology	Dr. Thompson's research examines innovative assessments and interventions to support access and instruction in academics for individuals with autism spectrum disorder (ASD). I examine explicit instruction procedures to teach literacy skills to ethnically and linguistically diverse minimally vocal-verbal children with ASD in public school settings. I am particularly interested in instructional design, group instructional arrangements, technology-delivered literacy instruction, and gaze-behaviors of children with ASD when engaged with technology-delivered literacy instruction.	Social	https://scholars.library.tamu.edu/vivo/display/n919296a5/Persons/View%20All
262	Pedersen, Susan	TAMU	Education	Educational Psychology	Dr. Pedersen's research focuses on the use of technology to bring student-centered learning approaches, such as problem-based learning and student-constructed inquiry, to K-8 environments.	Social	https://scholars.library.tamu.edu/vivo/display/n8a01489/Persons/View%20All

263	Acosta, Sandra	TAMU	Education	Educational Psychology	Dr. Acosta specializes in bilingual education (2-language instruction) and biliteracy development, particularly for Hispanic, English learners (ELs)/emergent bilinguals (EBs). Her research focuses on three areas: biliteracy (STEM) discourse development in adults (teachers) and children, professional identity formation in pre-service bilingual education teachers (teacher candidates), and mentor-coaching for teachers.	Social	https://scholars.library.tamu.edu/vivo/display/n621e1b4/Persons/View%20All
264	Blake, Jamilla	TAMU	Education	Educational Psychology	Dr. Blake's research interests surround children's peer relations. Specifically, she is interested in exploring peer-directed aggression in ethnic/minority populations and females and the relation between peer-directed aggression and children's psychological/social adjustment, academic achievement, and familial risk and protective factors. She is also interested in the application of multivariate analytic approaches to clinical and developmental research.	Social	https://scholars.library.tamu.edu/vivo/display/n291a4c1/Persons/View%20All
265	Gilson, Carly	TAMU	Education	Educational Psychology	Dr. Gilson is an assistant professor of special education with research interests in Autism Collaboration and professional development for special educators Competitive, integrated employment Employment-related social skills Inclusive higher education Intellectual and developmental disabilities Postsecondary education for students with intellectual and developmental disabilities School-to-work transition	Social	https://scholar.google.com/citations?hl=en&user=gDf3AAAAAJ&view_op=all_works&sort_by=pubdate
266	McCullough, Brian	TAMU	Education	Health And Kinesiology	Dr. McCullough's research focuses on the intersection of sport and the natural environment. Sustainable practices in public transport, sports tourism, and organizations are all specific focuses of research for him	Environmental, Social	https://scholars.library.tamu.edu/vivo/display/n674ba04/Persons/View%20All
267	Prochnow, Tyler	TAMU	Education	Health And Kinesiology	Dr. Prochnow's interests primarily cover social and physical aspects of the environment one exists in and how such determinants of health can be modified to better serve one's physical well-being	Social	https://scholars.library.tamu.edu/vivo/display/n216d433/Persons/View%20All
268	Apostolopoulos, Giorgos	TAMU	Education	Health And Kinesiology	Dr. Apostolopoulos' research generally regards the relationship between health in occupational environments, specifically those of long haul truck drivers.	Social, Economic	https://scholars.library.tamu.edu/vivo/display/n68b480e/Persons/View%20All
269	Sherman, Ledric	TAMU	Education	Health And Kinesiology	Dr. Sherman's research generally focuses on environmental, social, and cultural effects on BIPOC (more specifically Black American) health	Social	https://scholars.library.tamu.edu/vivo/display/n9f44f07/Persons/View%20All
270	Garney, Whitney	TAMU	Education	Health And Kinesiology	Dr. Garney primarily evaluates the effect of environmental and social effects of rural communities, and includes several environmental interventions within said research	Social	https://scholars.library.tamu.edu/vivo/display/n019e497/Persons/View%20All
271	Capraro, Mary	TAMU	Education	Teaching, Learning And Culture	Dr. Capraro is a professor who specializes in the intersection of mathematics and comprehensive education. Her work largely consists of methods for teaching mathematics (and STEM topics at large) that support students. In addition to her work with supporting education Dr. Capraro has also conducted research on the oppressive educational barriers to STEM for children.	Social	https://tlac.tamu.edu/?name=dr-mary-m-capraro
272	Young, Jemimah	TAMU	Education	Teaching, Learning And Culture	Dr. Jemimah "Mimi" Young is a teacher educator and multicultural scholar in the department of Teaching, Learning, and Culture at Texas A&M University. Dr. Young's multicultural and urban education research specialization investigates the academic outcomes of historically marginalized and minoritized populations, with a particular emphasis on Black women and girls. She teaches classes at both the undergraduate and graduate level related to culture, identity, diversity, social justice, foundations in education, and research methodology.	Social	https://directory.education.tamu.edu/jemimah_young
273	James-Galloway, ArCasia	TAMU	Education	Teaching, Learning And Culture	ArCasia D. James-Galloway, Ph.D., is a proud first-generation college graduate and Waco public schools (WISD) alumnae, whose family born and bred her in Waco, Texas. She is an interdisciplinary historian of education and teacher educator in the Teaching, Learning, and Culture Department at Texas A&M University, where she works as an Assistant Professor, ACES Fellow, and ADVANCE scholar. Her scholarly aim is to bridge past and present perspectives on African American struggles for educational justice.	Social	https://scholars.library.tamu.edu/vivo/display/n0620cabb/Persons/View%20All
274	Li, Yeping	TAMU	Education	Teaching, Learning And Culture	Dr. Li's research focuses on curriculum studies in school mathematics, international education, STEM education, and teacher education.	Social	https://scholars.library.tamu.edu/vivo/display/n5524786/Persons/View%20All
275	Wijekumar, Kay	TAMU	Education	Teaching, Learning And Culture	Dr. Wijekumar designs, develops, and tests intelligent tutoring systems to improve literacy practices with students and teachers. She focuses on reading comprehension, writing, and teacher professional development. The web-based tutoring systems and all the supporting materials are available in English and Spanish.	Social	https://scholars.library.tamu.edu/vivo/display/nf08508ea/Persons/View%20All
276	Craig, Cheryl	TAMU	Education	Teaching, Learning And Culture	Cheryl J. Craig is a Professor, an Endowed Chair of Urban Education and the Program Lead for Technology and Teacher Education in the Department of Teaching, Learning and Culture, Texas A&M University. Craig also has been honored with the International Study Association on Teachers and Teaching STAR Award for Significant and Exemplary Contributions through Research, Teaching and Professional Service in the International Field of Teaching and Teacher Education. Being an AERA Fellow and an DATT STAR awardee, coupled with her many other recognitions (including KOP Teacher of the Year) make her one of the most distinguished professors in teaching and teacher education and the general field of education today.	Social	https://scholars.library.tamu.edu/vivo/display/n93a3e35/Persons/View%20All
277	Williams, John	TAMU	Education	Teaching, Learning And Culture	John A. Williams III, Ph.D. is an Assistant Professor of Multicultural Education at Texas A&M University at College Station, in the department of Teaching, Learning and Culture. His research focuses on developing and replicating best practices, policies, and personnel to dismantle inequitable discipline outcomes for Black students in K-12 school environments. Additionally, his research investigates how to prepare and support culturally inclusive teachers through the adaptation of multiculturalist frameworks. Dr. Williams has spent time working with teachers, school district administration, juvenile justice practitioners and community members across the country, to de-silo how we support Black children as critically conscious learners.	Social	https://scholars.library.tamu.edu/vivo/display/n0d071b3/Persons/View%20All
278	Joshi, R	TAMU	Education	Teaching, Learning And Culture	R. Malatesha Joshi, Ph.D., is a Professor of Literacy Education and Educational Psychology at Texas A&M University, and the Editor of Reading and Writing and the monograph series Literacy Studies. He has over 125 publications in high-impact journals and has published 21 books relating to literacy development.	Social	https://scholars.library.tamu.edu/vivo/display/n6f8b06f0/Persons/View%20All
279	Capraro, Robert	TAMU	Education	Teaching, Learning And Culture	Dr. Capraro, is Co-Director of Aggie STEM, and Professor Mathematics Education in the Department of Teaching Learning and Culture at Texas A&M University. Dr. Capraro's expertise is applied research in school settings, program evaluation, the teacher as change agent for STEM school improvement, and STEM student achievement. He recently received the best paper award from the International Conference on Engineering Education where he and two colleagues presented their work related to Aggie STEM.	Social	https://scholars.library.tamu.edu/vivo/display/n60f341d/Persons/View%20All
280	Young, Jamaal	TAMU	Education	Teaching, Learning And Culture	Jamaal R. Young, Ph.D. received his doctorate in Curriculum and Instruction from Texas A&M University in 2011. Dr. Young returned to Texas A&M University as an Associate Professor in 2020. Dr. Young is committed to fostering a sustainable impact on the STEM attainment of all learners. Young examines the effects of opportunity structures related to instruction (e.g., teacher quality, access to technology, or out-of-school time activities) on the STEM dispositions of traditionally underrepresented populations of learners. He identifies the most salient factors influencing the mathematics identity of Black male and female learners. Dr. Young also investigates the effects of social determinants (i.e., gender inequality, racial bias, and income level) on STEM attainment. Dr. Young's research utilizes research synthesis, meta-analysis, and large-scale data analysis to examine the determinants of STEM attainment.	Social	https://scholars.library.tamu.edu/vivo/display/n61859447/Persons/View%20All
281	Cantrell, Emily	TAMU	Education	Teaching, Learning And Culture	Emily Binks-Cantrell, Ph.D., teaches undergraduate and graduate courses in literacy and multicultural education, serves as the Advanced Literacy Studies Program Assistant Chair, and also serves as the Director of the Lohman Learning Community. Her research focus is teacher knowledge of and preparation in the science of teaching reading.	Social	https://scholars.library.tamu.edu/vivo/display/n68772285/Persons/View%20All
282	Herman, Benjamin	TAMU	Education	Teaching, Learning And Culture	Dr. Benjamin C. Herman joined Texas A&M in 2020 as an Associate Professor, holding a joint faculty appointment in the Department of Teaching, Learning and Culture and the Department of Biology. His research addresses how sociocultural factors and epistemological beliefs about science and technology impact socioscientific engagement, particularly regarding environmental issues, and how science education can better prepare people to critically resolve those issues.	Social	https://scholars.library.tamu.edu/vivo/display/n4d03919/Persons/View%20All
283	Yalvac, Bugrahan	TAMU	Education	Teaching, Learning And Culture	Dr. Yalvac is an associate professor with research interests in Authentic science versus classroom science Faculty Development How People Learn Impact of History, Philosophy, & Sociology of Science on Science Education Research methods Science, Technology, and Society	Social	https://scholars.library.tamu.edu/vivo/display/n03cde279/Persons/View%20All
284	McKeown, Debra	TAMU	Education	Teaching, Learning And Culture	Dr. McKeown has ten years of classroom teaching in various settings including charter, urban and international schools. She currently conducts intervention research in the area of writing. Most of her work focuses on impoverished urban settings where she works at both the teacher and student levels.	Social	https://scholars.library.tamu.edu/vivo/display/nca81c78/Persons/View%20All

285	Rambo-Hernandez, Karen	TAMU	Education	Teaching, Learning And Culture	Dr. Karen E. Rambo-Hernandez is an associate professor at Texas A&M University in the College of Education and Human Development. Her research has been funded by NSF and the US Department of Education among others. She focuses on the assessment of educational interventions to improve STEM education and access for all students—particularly high achieving and underrepresented students—to high quality education.	Social	https://scholars.library.tamu.edu/vivo/display/n026243/Persons/View%20All
286	Waxman, Hersh	TAMU	Education	Teaching, Learning And Culture	Dr. Waxman is a teaching professor with research interests in Classroom Instruction Classroom observation School reform Students at risk of failure Urban Education	Social	https://scholars.library.tamu.edu/vivo/display/rdcc9849/Persons/View%20All
287	Clough, Michael	TAMU	Education	Teaching, Learning And Culture	Dr. Clough's scholarship focuses on the history and nature of science and its implications for science teaching and learning. His publications appear in Research in Science Education, Science & Education, International Journal of Science and Mathematics Education, Science Education, Journal of Science Teacher Education, Journal of Research in Science Teaching, and science teaching practitioner journals. He is a former president of the International History, Philosophy and Science Teaching (IHPSST) organization, served as an Associate Editor of the Journal for Research in Science Teaching, and currently serves on the editorial board member for the Journal Science & Education and as Editor for the Springer book series Science: Philosophy, History and Education.	Social	https://scholars.library.tamu.edu/vivo/display/n03e325c3/Persons/View%20All
288	Keck, Andrew	TAMU	Education	Teaching, Learning And Culture	Dr. Andrew Keck is an assistant professor in the Department of Teaching, Learning, and Culture. His research focuses on preparation and support of classroom management for beginning teachers, particularly those in or interested in going to urban environments. He also has research interests around beginning teacher induction, coaching, and mentoring stemming from his work as a co-principal investigator of research with the Center of Teacher Innovation within the Riverside County of Education and partnered with the University of California, Riverside. He explores how different support systems can impact beginning teacher success and retention.	Social	https://scholars.library.tamu.edu/vivo/display/n0408e4d1/Persons/View%20All
289	Diaz Artiles, Ana	TAMU	Engineering	Aerospace Engineering	Dr. Diaz Artiles is a professor who's work largely consists of the dynamic between the human body and psyche with space travel and flight. Her recent research utilizes data from the covid-19 pandemic to better understand how physical and mental health as well as overall resilience is impacted during long periods of quarantine and isolation in order to apply this understanding to future space exploration and missions.	Social	https://scholars.library.tamu.edu/vivo/display/n054026a7/Persons/View%20All
290	Pistikopoulos, Elstratos	TAMU	Engineering	Artie McFerrin Department Of Chemical En	Dr. Pistikopoulos's research works to develop fundamental theory and optimization based methodologies and computational tools that enable process engineers to analyze, design and evaluate process manufacturing systems which are economically attractive, energy efficient and environmentally benign	Environmental, Economic	https://scholars.library.tamu.edu/vivo/display/n1a0a6283/Persons/View%20All
291	Wang, Qingsheng	TAMU	Engineering	Artie McFerrin Department Of Chemical En	Dr. Wang's research is highly multidisciplinary in the process safety area with the intent to resolve the most critical safety problem in the industries, which is to prevent and mitigate hazardous phenomena including fire, explosion, and toxic release.	Environmental, Economic	https://scholars.library.tamu.edu/vivo/display/n0674e14/Persons/View%20All
292	Mishuga, Chad	TAMU	Engineering	Artie McFerrin Department Of Chemical En	Research interests include new experimental methods capable of producing quality flameless data for the development of predictive models at industrially relevant temperature, pressure, composition and turbulence. Application results in energy and waste reduction, optimized production and a realistic operating safety margin.	Environmental, Economic	https://scholars.library.tamu.edu/vivo/display/n32e672e8/Persons/View%20All
293	Alam, Mohammad	TAMU	Engineering	Artie McFerrin Department Of Chemical En	Dr. Alam has research interests in the field of biofuels, which are generally considered more sustainable than current fossil fuels in use today, among other fields	Environmental	https://scholars.library.tamu.edu/vivo/display/ne75ea19b/Persons/View%20All
294	Wilhite, Benjamin	TAMU	Engineering	Artie McFerrin Department Of Chemical En	Dr. Wilhite has highly sustainable research that delves into parts of environmental sustainability such as carbon-capture using on-site hollow fiber membranes	Environmental, Economic	https://scholars.library.tamu.edu/vivo/display/n054dabca/Persons/View%20All
295	Nasan, M M Faruque	TAMU	Engineering	Artie McFerrin Department Of Chemical En	Dr. Nasan's research concerns the development of application-oriented theory, computational tools, algorithms, and optimization methods for complex and multi-scale systems. The methodologies and tools that are developed are applied to the design and discovery of advanced materials and processes for sustainable fuels and chemicals, carbon capture, oil & gas processing, and shale gas utilization, among others.	Environmental	https://scholars.library.tamu.edu/vivo/display/n04432727/Persons/View%20All
296	Sui, Qing	TAMU	Engineering	Artie McFerrin Department Of Chemical En	Dr. Sui's research focuses on synthetic biology with advancing designs and applications. Using expertise in molecular engineering, protein engineering, and microbial consortia engineering, to develop new techniques to reprogram gut microbiome, protein machinery and biomaterials. Our current application areas include health, environment and energy. Her research interests are synthetic biology with focus on protein engineering, genetic circuits design and biomaterial development for environmental and biomedical applications.	Environmental	https://scholars.library.tamu.edu/vivo/display/n04061e0f/Persons/View%20All
297	Jeong, Hae-Kwon	TAMU	Engineering	Artie McFerrin Department Of Chemical En	Dr. Jeong has a broad array of interests related to sustainability in the form of nanostructured material with the ability to enhance energy-efficient air-dehumidification, and separation of other gases	Environmental	https://scholars.library.tamu.edu/vivo/display/n04079637/Persons/View%20All
298	Khan, Faisal	TAMU	Engineering	Artie McFerrin Department Of Chemical En	Dr. Khan's research concerns environmental consequences of disasters alongside safe practices when engaging with various gases	Environmental	https://scholars.library.tamu.edu/vivo/display/ncc13efb7/Persons/View%20All
299	Shetty, Manish	TAMU	Engineering	Artie McFerrin Department Of Chemical En	Dr. Shetty's research centers around a wide range of kinetic, synthetic, spectroscopic, and theoretical approaches to study chemical transformations at catalytic surfaces. The development of catalytic materials and external stimuli for sustainable chemistry applications have been a strong focus of my research.	Environmental	https://scholars.library.tamu.edu/vivo/display/n3e62d6d/Persons/View%20All
300	Eh-Hawaji, Mahmoud	TAMU	Engineering	Artie McFerrin Department Of Chemical En	Dr. Eh-Hawaji has research relating to several aspects of environmental sustainability, namely biofuels, optimization of water treatment, sustainable design and its relationship to chemical engineering, and many more adjacent fields	Environmental	https://scholars.library.tamu.edu/vivo/display/n5c26339a/Persons/View%20All
301	Abbulut, Mustafa	TAMU	Engineering	Artie McFerrin Department Of Chemical En	Research relates to surface & interface science. Most notably, the development of a double-coating that prevents bacteria from cross-contaminating fresh produce, significantly lessening food-borne illness	Economic	https://scholars.library.tamu.edu/vivo/display/n05e5f93d/Persons/View%20All
302	Vaddiraju, Sreeram	TAMU	Engineering	Artie McFerrin Department Of Chemical En	Dr. Vaddiraju's research deals with the development of novel vapor phase techniques for the synthesis of organic and inorganic nanostructures and the development and implementation of novel in-situ and ex-situ schemes for the large-scale integration of these nanostructures into energy conversion devices (e.g., solar cells, thermoelectric devices).	Environmental	https://scholars.library.tamu.edu/vivo/display/nf04f143/Persons/View%20All
303	Djire, Abdoulaye	TAMU	Engineering	Artie McFerrin Department Of Chemical En	Dr. Djire's research interests relate to environmental sustainability in the form of the catalysis of hydrogen-based fuels from water, and adjacent topics	Environmental	https://scholars.library.tamu.edu/vivo/display/n04471d5d/Persons/View%20All
304	Kravaris, Costas	TAMU	Engineering	Artie McFerrin Department Of Chemical En	Research efforts focus on the development of high-performance, model-based control systems that enable safe and effective operation of processes. Energy-related applications are the target of these efforts. Recent research has focused on the development of optimal control systems for energy production from biomass, and in particular, anaerobic digestion processes. Globally stabilizing control algorithms for anaerobic digesters have been developed, that enable operation around optimal conditions.	Environmental	https://scholars.library.tamu.edu/vivo/display/n0488d06/Persons/View%20All
305	Holtzapfel, Mark	TAMU	Engineering	Artie McFerrin Department Of Chemical En	Dr. Holtzapfel's research is dedicated to the research and development of the sustainable and renewable technologies which, when implemented on a commercial scale, will impact future fuel, chemical, food, and water production.	Environmental, Economic	https://scholars.library.tamu.edu/vivo/display/n0303e441/Persons/View%20All
306	Balbuena, Perla	TAMU	Engineering	Artie McFerrin Department Of Chemical En	Dr. Balbuena's research relates to energy	Environmental	https://scholars.library.tamu.edu/vivo/display/n082a09c7/Persons/View%20All
307	Green, Mitch	TAMU	Engineering	Artie McFerrin Department Of Chemical En	Dr. Green has recently published a study that demonstrates a new and sustainable methodology for recycling continuous carbon fibers from end-of-life thermoset composite parts using Joule heating. This process addresses the longstanding challenge of efficiently recovering carbon fibers from composite scrap and reusing them to make fresh composites.	Environmental	https://scholar.google.com/citations?view_op=list_works&hl=en&hwsu=erchDNEoAAAJ&sortby=ubdate
308	Woodard, Susan	TAMU	Engineering	Artie McFerrin Department Of Chemical Engineering	Dr. Woodward has many research interests regarding biology-adjacent subjects, such as Biotechnology & Biopharmaceutical Manufacturing has conducted research in fields such as plant-based vaccines & alternatives to current bovine-based medications	Environmental & Social	https://engineering.tamu.edu/chemical/profiles/woodard-susan.html
309	Aziz, Reza	TAMU	Engineering	Biomedical Engineering	Dr. Reza has research focusing on energy harvesting applications in a biomedical context	Environmental	https://scholars.library.tamu.edu/vivo/display/n0400186f/Persons/View%20All
310	Cote, Gerard	TAMU	Engineering	Biomedical Engineering	Dr. Cote has research that falls under Sustainable Development Goal 3, Good Health & Well-Being. It relates to biosensor technology	Social	https://scholars.library.tamu.edu/vivo/display/n70b1d0f5/Persons/View%20All
311	Yakovlev, Vladislav	TAMU	Engineering	Biomedical Engineering	Dr. Yakovlev has research related to sustainable causes such as calculations for hydrocarbons and light science	Environmental	https://scholars.library.tamu.edu/vivo/display/n01166af/Persons/View%20All
312	Grunlan, Melissa	TAMU	Engineering	Biomedical Engineering	Dr. Grunlan's research is focused on extending the longevity and efficiency of various medical devices and introduce long-lasting, more sustainable alternatives	Environmental	https://scholars.library.tamu.edu/vivo/display/n1bf17f0/Persons/View%20All
313	Ceylan Koydemir, Hatice	TAMU	Engineering	Biomedical Engineering	Dr. Ceylan Koydemir's research delves into sustainability with articles on microplastics in water as well as an enhanced-optics based way to track E.coli	Environmental	https://scholars.library.tamu.edu/vivo/display/n0447115v/Persons/View%20All
314	Tian, Limei	TAMU	Engineering	Biomedical Engineering	Dr. Tian's research deals with aspects of sustainability that relate to emissions and glissomic biofilm	Environmental	https://scholars.library.tamu.edu/vivo/display/n05a20d80/Persons/View%20All
315	Patrick, Charles	TAMU	Engineering	Biomedical Engineering	Dr. Patrick's current research within the ideas to Innovation Engineering Education Excellence Laboratory focuses on enhancing undergraduate and graduate student learning, engagement and workforce development by transforming biomedical engineering education through scholarship and research of innovative teaching and learning practices and technologies.	Environmental	https://scholars.library.tamu.edu/vivo/display/n02e7577/Persons/View%20All

316	Barris, Mark	TAMU	Engineering	Civil Engineering	Dr. Barris is a research professor who is interested in the impact of pricing on travel behavior, variable/value pricing for highways, price elasticity of travel demand, HOT lanes, value of travel time, benefit-cost analysis.	Environmental & Economic & Social	https://scholars.library.tamu.edu/vivo/display/n72b7e50/Persons/View%20All
317	Gao, Hulin	TAMU	Engineering	Civil Engineering	Dr. Gao is a research professor who specializes in water use, footprints, how demand causes drought, and climate change's impact on the blue footprint of (mostly) urban areas.	Environmental & Social	https://engineering.tamu.edu/civil/profiles/gao.html
318	Pappala, Anand	TAMU	Engineering	Civil Engineering	Dr. Pappala is a professor of research and practice who has been conducting research on stabilization of expansive soils, ground improvement works for mega projects, UAVs for infrastructure monitoring studies and asset management studies, dam safety and embankments slope studies, in situ intrusive methods for site characterization, infrastructure resilience and material characterization studies.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n6059568/Persons/View%20All
319	Aubeny, Charles	TAMU	Engineering	Civil Engineering	Dr. Aubeny is a professor of practice who conducts research in, foundations and anchors for offshore structures, offshore risers and pipelines, slopes and retaining walls, dams and levees, expansive soils, in situ testing, numerical methods in geotechnical engineering.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/nf6e0636/Persons/View%20All
320	Quadrioglio, Luca	TAMU	Engineering	Civil Engineering	Dr. Quadrioglio is a research professor who has interests in Modeling, Design and Optimization of Demand Responsive Services, such as Feeders, ADA Paratransit, Innovative Transit/Logistic Services and Port Operations, and Analytics and Continuous Approximation Models.	Environmental & Economic & Social	https://scholars.library.tamu.edu/vivo/display/n217a070/Persons/View%20All
321	Sanchez Castilla, Marcelo Javier	TAMU	Engineering	Civil Engineering	Dr. Sanchez's research group effort focuses on advanced geomechanics, considering engineering problems involving mechanical, hydraulic, thermal, geochemical, and biological couplings. Problems in geotechnical engineering and geomechanics are generally strongly coupled with mutual interactions between different physics.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n6712d437/Persons/View%20All
322	Sideris, Petros	TAMU	Engineering	Civil Engineering	Dr. Sideris is a water resources and sustainable development expert who researches best practices and efficiencies in building practices and techniques.	Environmental	https://scholars.library.tamu.edu/vivo/display/n839fd31/Persons/View%20All
323	Warbs, Ralph	TAMU	Engineering	Civil Engineering	Dr. Warbs is a water resources specialist who conducts research on water flow, water modeling systems, and other modeling systems that are intended to help people appraised of best management practices and understandings.	Environmental	https://scholars.library.tamu.edu/vivo/display/n43248e7/Persons/View%20All
324	Barroso, Luciana	TAMU	Engineering	Civil Engineering	Dr. Barroso is an associate professor who's research interests primarily include and earthquake resilient construction.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/nb21w049/Persons/View%20All
325	Briaud, Jean-Louis	TAMU	Engineering	Civil Engineering	Dr. Briaud is a construction and structural engineering expert, with research interests in soil mechanics, retaining walls, slope stability, pavements, geoenvironmental engineering, field testing, scour around bridges, expansive clays	Environmental	https://scholars.library.tamu.edu/vivo/display/n586f6a4/Persons/View%20All
326	Kalhatu, James	TAMU	Engineering	Civil Engineering	Dr. Kalhatu is a research professor who's primary interests involve many aspects of surface wave generation and propagation, including shelf-scale wave transformation, nonlinear wave-wave interaction, wave breaking and nearshore circulation, and the effects of various bottom types, with an emphasis on cohesive bottom sediments. His research has been incorporated into public health aspects of cities and ecosystems in coastal communities.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n1c96899/Persons/View%20All
327	Zhang, Yunlong	TAMU	Engineering	Civil Engineering	Dr. Zhang is a teaching professor who has research interests in road safety, crash minimization, and phone safety while driving.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/nb61524d/Persons/View%20All
328	Paal, Stephanie	TAMU	Engineering	Civil Engineering	Dr. Paal is an assistant professor who has interests in resilient engineering and earthquake resilient construction.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n12a684f/Persons/View%20All
329	Damjanovic, Nan	TAMU	Engineering	Civil Engineering	Dr. Damjanovic is an associate professor who has research interests in construction and automobile design that can increase the safety of passengers during their travel, especially travel under aggravated weather conditions.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n7913d5c/Persons/View%20All
330	Mander, John	TAMU	Engineering	Civil Engineering	Dr. Mander is a teaching professor who specializes in safe construction and engineering as well as earthquake resilient structures. His research interests include Reinforced, pre-stressed and structural concrete, earthquake engineering and structural dynamics, blast resistant design, bridge engineering, hazard analysis and financial loss, estimation and mitigation, railroad engineering, construction and design integration.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n6239a446/Persons/View%20All
331	Ma, Xingmao	TAMU	Engineering	Civil Engineering	Dr. Ma is a professor of research and practice who is interested in removing microplastics, chemicals, and nanoparticles from crops and their surrounding environment through different treatment and management practices.	Environmental	https://scholars.library.tamu.edu/vivo/display/n2874fb7/Persons/View%20All
332	Kolou, Maria	TAMU	Engineering	Civil Engineering	Dr. Kolu is an assistant professor who's research interests span the fields of structural dynamics and earthquake engineering, and multi-hazard performance-based design for system functionality and community resilience. Through these areas, her research focuses on developing sustainable structural systems and hazard-resistant communities accounting for economic and social aspects. Her ultimate goal is to contribute to the well-being of communities by developing novel resilient structural designs and systems against various natural and man-made hazards, and formulating fundamental mathematical frameworks to assess system functionality and community resilience under multiple hazards.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n135ff8bb/Persons/View%20All
333	Chang, Kuang-An	TAMU	Engineering	Civil Engineering	Dr. Chang is a research professor who specializes in measuring the movement of water and other liquids in natural environments and measuring their impacts. He also has research in wave breaking processes, wave-structure interactions, sediment dynamics, environmental fluid mechanics, non-intrusive quantitative measurement techniques	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n3e5126f1/Persons/View%20All
334	Miller, Gretchen	TAMU	Engineering	Civil Engineering	Dr. Miller is a research based professor who has interdisciplinary interests. She primarily focuses on groundwater sustainability, examining multiple aspects of the connections between the atmosphere, vegetation, soil, and groundwater. Her current work has three main focus areas: 1) determining vegetation water requirements in groundwater dependent ecosystems, as needed to predict plant response to groundwater extraction; 2) improving the representation of hydrological and biogeochemical processes in Earth system models, which are vital to accurately predicting changes to climate and the hydrologic cycle; and 3) examining subsurface processes associated with engineered systems, such as in Managed Aquifer Recharge (MAR) projects and bioventilation cells.	Environmental	https://scholars.library.tamu.edu/vivo/display/n6f45d48a/Persons/View%20All
335	Keating, Peter	TAMU	Engineering	Civil Engineering	Dr. Keating's research concerns the long-term impact of stress/pressure on railroad girders, cylinders, and concrete in order to better prepare these items for long-term usage	Environmental, Economic	https://scholars.library.tamu.edu/vivo/display/n8c71139e/Persons/View%20All
336	Little, Dallas	TAMU	Engineering	Civil Engineering	Dr. Little is a research based professor who specializes in the structural integrity and durability of asphalt and cements.	Environmental	https://scholars.library.tamu.edu/vivo/display/n71bd3d7/Persons/View%20All
337	Chen, Haim-Ching	TAMU	Engineering	Civil Engineering	Dr. Chen is a research professor who is interested in hydro-electric mechanics and data analysis, as well as construction of mechanics for ocean moored wind turbines.	Environmental	https://scholars.library.tamu.edu/vivo/display/n1e09b77a/Persons/View%20All
338	Kim, Yong-Rak	TAMU	Engineering	Civil Engineering	Dr. Kim is a research professor whose interests are in the intersection of sustainability and construction materials. In his lab, they focus on creating the world-best knowledge and the state-of-the-art technologies to advance materials for safer, durable, more sustainable, energy-efficient, and environment-friendly performance of various structural systems. His team works on understanding and modeling of complex multiphysical (thermo- hydro- chemical, and mechanical with damage) and multiscale (nano-micro-meso-macro) behavior of various complex (multiphase, heterogeneous) solids and structures for their better performance, design, and societal benefits.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/ncb5346e/Persons/View%20All
339	Birely, Anna	TAMU	Engineering	Civil Engineering	Dr. Birely is a research scientist who is interested in design and performance of concrete structures under ordinary and hazardous loads; reinforced concrete; prestressed concrete; strength (retrofit/rehabilitation/repair) of existing structures; earthquake engineering; performance-based design; fire resistance of structures; and fiber reinforced concrete.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n9a834560/Persons/View%20All
340	Noshadran, Arash	TAMU	Engineering	Civil Engineering	Dr. Noshadran is an assistant professor who has interests in resilient engineering and earthquake resilient construction.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n2623d0e7/Persons/View%20All
341	Cheffam, Shankar	TAMU	Engineering	Civil Engineering	Dr. Cheffam is a research scientist who's lab covers a wide spectrum of topics related to the transport, characterization, and removal of environmental colloids. His team collaborates synergistically with microbiologists, chemical engineers, mathematicians, medical doctors, geologists, and other environmental engineers and scientists. In particular, they investigate two seemingly disparate topics; water purification (treatment of drinking water, industrial and municipal wastewater including hydraulic fracturing water, etc) and tropospheric aerosols	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n94f00ee/Persons/View%20All
342	Mercier, Richard	TAMU	Engineering	Civil Engineering	Dr. Mercier is a teaching professor who has research interests in experimental and numerical hydrodynamics, global design and analysis of offshore structures, dynamics of deepwater mooring systems, and scale model testing of floating structures.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n4cbb2d10/Persons/View%20All
343	Chu, Kung-Hui	TAMU	Engineering	Civil Engineering	The Chu lab applies molecular biology, isotopic techniques, chemical analysis, and phage biology to study environmental and biological systems, with focuses on (i) microbial ecology, fate and transport, biodegradation of environmental pollutants such as emerging contaminants and persistent organic pollutants, (ii) production of biofuels and bioproducts from renewable resources, and (iii) detection, tracking, and quantification of microorganisms that play roles in water quality, bioremediation, carbon sequestration and nitrogen cycle in the environment. Other research areas include development and application of novel sorbents and catalysts (bio and non-bio) for removing and/or monitoring emerging environmental pollutants.	Environmental	https://scholars.library.tamu.edu/vivo/display/n7a373ee/Persons/View%20All

344	Martin, Amy	TAMU	Engineering	Civil Engineering	Dr. Martin is a research professor who has recently been focused on using recycled materials in concrete mixtures and testing their durability and resilience.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n10ab211b/Persons/View%20All
345	Ford, David	TAMU	Engineering	Civil Engineering	Dr. Ford is a research and teaching professor who's recent research interests involve expanding education around sustainability in the built environment and construction systems world.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n5667d1e1/Persons/View%20All
346	Socolofsky, Scott	TAMU	Engineering	Civil Engineering	Dr. Socolofsky is a research professor who's interests lie in the broad area of Environmental Fluid Mechanics, with emphasis on laboratory experiments and data analysis to elucidate mixing mechanisms by turbulence and coherent structures. Current research projects study turbulent mixing processes in three contexts: (1) multiphase plumes, (2) shallow tidal inlets, and (3) natural seeps.	Environmental	https://scholars.library.tamu.edu/vivo/display/n049c904/Persons/View%20All
347	Lord, Dominique	TAMU	Engineering	Civil Engineering	Dr. Lord is a teaching professor who has research interests in road safety, crash minimization, and stoplight times on public health and safety.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n07004c1b/Persons/View%20All
348	Walewski, John	TAMU	Engineering	Civil Engineering	Dr. Walewski is a professor of the practice who has recently been researching how to increase the electric charging rates of EV's.	Environmental	https://scholars.library.tamu.edu/vivo/display/nfd3e5244/Persons/View%20All
349	Gharabeh, Nasir	TAMU	Engineering	Civil Engineering	Dr. Nasir is a research professor who has interests sustainable urban planning and development.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n05c764ff/Persons/View%20All
350	Mostafavidarani, Ali	TAMU	Engineering	Civil Engineering	Dr. Mostafavidarani is an associate professor who has research interests in the functions of sustainable communities (primarily urban) and how the needs of the public relate to built infrastructure in times of need and natural disaster.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n6c0ae25/Persons/View%20All
351	Olivera, Francisco	TAMU	Engineering	Civil Engineering	Dr. Olivera is a research scientist who has special interests in the application of geographic information systems (GIS) to water resources engineering, as well as examining climate change's impact on water resources and urban communities.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n0056e2bb/Persons/View%20All
352	Ying, Qi	TAMU	Engineering	Civil Engineering	Dr. Ying is an associate professor who has a variety of research interests, and has recently been publishing work focused on aerosol and particulate tracing, and how assorted chemicals traveling through the environment effects both ecosystem and human health.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n011a11a4/Persons/View%20All
353	Jayaraman, Arul	TAMU	Engineering	College Of Engineering - Admin - Dean	Dr. Jayaraman is a research based professor who explores the use of molecular systems biotechnology, specifically on using integrated experimental and modeling approaches for investigating problems in human health and medicine, systems biology of cytokine signaling in inflammatory diseases, inter-kingdom signaling interactions between bacteria and human cells to GI tract infections, and the development of microfluidic model systems for combinatorial drug screening and vascular tissue engineering.	Social	https://engineering.tamu.edu/chemical/profiles/jayaraman.html
354	Ugaz, Victor	TAMU	Engineering	College Of Engineering - Admin - Dean	Dr. Ugaz is a research based professor who specializes in microfluids, and is interested in determining practical applications of microfluids such as fast and inexpensive diagnosis of infection and disease, sensitive screening for early detection of cancer, and biodegradable sponges for easy cleanup of oil spills.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n072e71aa/Persons/View%20All
355	Begovic, Miroslav	TAMU	Engineering	College Of Engineering - Admin - Dean	Dr. Miroslav's research interests lie in wide area monitoring, protection and emergency control using smart grid apparatus; sustainable and resilient energy infrastructures; and managing large assets in energy infrastructure.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/nfa588b0/Persons/View%20All
356	Ritchey, Philip	TAMU	Engineering	Computer Science	Dr. Ritchey is an instructional professor who specializes in computer science and engineering education. He has recently worked on collaborative research and publications that examine and outline ways to be an advocate for marginalized individuals within the field of computer science and engineering at large.	Social	https://engineering.tamu.edu/cse/profiles/ritchey-philip.html
357	Hammond, Tracy	TAMU	Engineering	Computer Science	Dr. Hammond is an international leader in activity recognition, data science, artificial intelligence, haptics, engineering education, and computer-human interaction research.	Social	https://scholars.library.tamu.edu/vivo/display/n0852e439/Persons/View%20All
358	Chaspari, Theodora	TAMU	Engineering	Computer Science	Dr. Chaspari's research focuses on addressing challenges in capturing, representing and analyzing the acquired signals, as well as interpreting them as a unified group and with respect to co-evolving behavioral markers and events. It has applications to psychophysiological well-being, personalized health, security, and human assistive agents.	Social	https://scholars.library.tamu.edu/vivo/display/n336c7859/Persons/View%20All
359	Mortazavi, Bobak	TAMU	Engineering	Computer Science	Dr. Mortazavi's research interests include end-to-end research on medical embedded systems and the application of data mining and machine learning algorithms necessary to make personalized, preventative medical treatments possible through advanced health analytics.	Social	https://scholars.library.tamu.edu/vivo/display/nce4143cc/Persons/View%20All
360	Sai, Sing	TAMU	Engineering	Computer Science	Dr. Sai's work focuses on the application of computational techniques to solve problems in biology. Current research projects cover diverse areas in computational biology, including multiple sequence alignment, motif finding with applications to predicting transcription factor binding sites, biological network analysis, and identification of gene clusters within genomes.	Environmental	https://scholars.library.tamu.edu/vivo/display/n0248d9df/Persons/View%20All
361	Shipman, Frank	TAMU	Engineering	Computer Science	Dr. Shipman has been pursuing research in the areas of hypertext, computer-supported cooperative work, multimedia, computers and education, and intelligent user interfaces since 1987.	Social	https://scholars.library.tamu.edu/vivo/display/n5863e5d/Persons/View%20All
362	Murphy, Robin	TAMU	Engineering	Computer Science	Dr. Murphy's research interests are artificial intelligence as applied to emergency informatics and disaster response, especially tactical land, sea, and air vehicles. Specific topics are: human-robot interaction, heterogeneous teams, victim management, and perceptual directed behavior-based control.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n1283a9a/Persons/View%20All
363	Kerne, Andrew	TAMU	Engineering	Computer Science	Dr. Kerne's Interface Ecology Lab develops human-centered systems that amalgamate design, algorithms, semantics, software, and hardware. In conjunction with computing, they synthesize methods from art, design, psychology, and sociology.	Social	https://scholars.library.tamu.edu/vivo/display/n3433d45f/Persons/View%20All
364	Gutierrez-Osuna, Ricardo	TAMU	Engineering	Computer Science	Dr. Gutierrez's research lies at the interface between signal processing, machine learning, neural computation, robotics and sensor systems. His team's interest is in understanding how sensory systems (man-made or biological) perceive, interact with, learn from and adapt to their environments under a number of modalities, including chemical, acoustic, visual, and physiological.	Social	https://scholars.library.tamu.edu/vivo/display/n528b607/Persons/View%20All
365	Taele, Paul	TAMU	Engineering	Computer Science	Dr. Taele's current research interests are in intelligent user interfaces (IUI), including actively recognition-driven interfaces such as sketch, motion, and navigation. His recent primary focus has been on developing and deploying pen-driven intelligent tutoring systems for improving remote classroom instruction and homework study through instructor-emulated assessment and interactive video feedback.	Social	https://scholars.library.tamu.edu/vivo/display/n9855306/Persons/View%20All
366	Da Silva, Dilma	TAMU	Engineering	Computer Science	Dr. Da Silva's primary research interests are operating systems, distributed computing, and computer science education. I currently have research projects on streaming computing, cloud computing, cybersecurity, and autonomous vehicles. Recent published work includes expansion of computer science for latin american women.	Social	https://scholars.library.tamu.edu/vivo/display/n714d04ec/Persons/View%20All
367	Toliyat, Hamid	TAMU	Engineering	Electrical And Computer Engineering	Dr. Toliyat is a researcher who specializes in design efficiency and durability with high impact mechanics and vehicles. While his research of late has primarily focused on creating better machine parts, he has done some work in increasing the durability and safety of electric vehicles.	Environmental	https://engineering.tamu.edu/electrical/profiles/holiyat.html
368	Braga Neto, Ulisses	TAMU	Engineering	Electrical And Computer Engineering	Dr. Braga Neto is an associate professor with research interests in Statistical Signal Processing, Pattern Recognition and Machine Learning Collaborative Applications in Bioinformatics and Materials Informatics.	Social	https://engineering.tamu.edu/electrical/profiles/ulbraganeto.html
369	Watson, Karan	TAMU	Engineering	Electrical And Computer Engineering	Dr. Watson is an engineering specialist who has been pioneering leadership and sustained contributions to education in the fields of engineering and engineering technology. Her recent publications feature DEI and leadership components for women in STEM.	Social	https://scholars.library.tamu.edu/vivo/display/n0d011be97/Persons/View%20All
370	Xie, Le	TAMU	Engineering	Electrical And Computer Engineering	Dr. Xie's research interest includes modeling and control of large-scale complex systems, smart grid applications in support of renewable energy integration, and electricity markets.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n6563e43d/Persons/View%20All
371	Kameoka, Jun	TAMU	Engineering	Electrical And Computer Engineering	Dr. Kameoka is a research scientist who specializes in Bio-Nano Machining, Nanostructure Science and Engineering - Nanosensors and Molecular Manipulation - Micro and Nanofluidics - Bio-Nano hybrid devices for medical applications.	Social	https://scholars.library.tamu.edu/vivo/display/n022e6e49/Persons/View%20All
372	Ran, Arum	TAMU	Engineering	Electrical And Computer Engineering	Dr. Arum's research interests are in solving grand challenge problems in the broad areas of health and energy through the use of micro/nano systems technologies. His work in these areas has focused on the development of in vivo like in vitro systems through microfluidic lab-on-a-chip technologies (e.g., organ-on-a-chip & microphysiological systems, developmental neurobiology models of the central nervous system, blood-brain-barrier-on-a-chip, gastrointestinal tract-on-a-chip, high throughput live cell arrays), development of high throughput single-cell physico-chemical analysis platforms, and development of microbial systems as biorefineries for bioelectricity and biofuel production while simultaneously utilizing wastewater.	Social	https://scholars.library.tamu.edu/vivo/display/n8289e950/Persons/View%20All
373	Overbye, Thomas	TAMU	Engineering	Electrical And Computer Engineering	Dr. Overbye's research interests include power system analysis and simulations, visualization of power system information, big data and cyber security applied to power systems, power system aspects of geomagnetic disturbances and EMP.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n04d9b6c6/Persons/View%20All
374	Righetti, Raffaella	TAMU	Engineering	Electrical And Computer Engineering	Dr. Righetti's research focuses on ultrasound methods for imaging the mechanical behavior of soft and hard tissues and multi-modal biomedical imaging processing and analysis methods.	Social	https://scholars.library.tamu.edu/vivo/display/n2d847d81/Persons/View%20All

375	Duffield, Nicholas	TAMU	Engineering	Electrical And Computer Engineering	Dr. Duffield's research focuses on data and network science, particularly applications of probability, statistics, algorithms and machine learning to the acquisition, management and analysis of large datasets in communications networks and beyond.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n14c37c1/Persons/View%20All
376	Ehsani, Mehrdad	TAMU	Engineering	Electrical And Computer Engineering	Dr. Ehsani conducts research in the areas of sustainable power and energy systems, power electronics, motor drives, electric and hybrid vehicles, Superconductive Magnetic Storage (SMS), aerospace power systems, specialized power systems, control systems, energy storage systems, High Voltage Direct Current (HVDC) Power Transmission, applications of microcomputers to power control, pulsed power systems, and high voltage engineering and electrical failures and hazards.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n66d91d6/Persons/View%20All
377	Russell, B. Don	TAMU	Engineering	Electrical And Computer Engineering	Dr. Russell's research interests include electric power engineering, power system protection, control and automation of power systems, power systems diagnostics and waveform analytics, forensic engineering, engineering ethics, and engineering professionalism.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n3a5ba9d/Persons/View%20All
378	Qian, Xiaoning	TAMU	Engineering	Electrical And Computer Engineering	Xiaoning Qian's research interests include machine learning and Bayesian experimental design as well as their applications in computational network biology, genomic signal processing, and biomedical signal and image analysis. He is affiliated with the Center for Bioinformatics and Genomic Systems Engineering and the Center for Translational Environmental Health Research at Texas A&M.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n2db24d9/Persons/View%20All
379	Ainapareddy, Narasimha	TAMU	Engineering	Electrical And Computer Engineering	Dr. Reddy's research interests are in Computer Networks, Storage Systems, Multimedia systems, and Computer Architecture.	Social & Economic	https://scholars.library.tamu.edu/vivo/display/n6728cb3/Persons/View%20All
380	Datta, Aniruddha	TAMU	Engineering	Electrical And Computer Engineering	Dr. Datta's research focuses on adaptive control, parametric robust control, and genomic signal processing and control. His work is closely related to the field of biomedical science.	Social & Economic	https://scholars.library.tamu.edu/vivo/display/n618b748c/Persons/View%20All
381	Enjeti, Prasad	TAMU	Engineering	Electrical And Computer Engineering	Dr. Enjeti's research focuses on advance power electronic converters for utility interface of solar-pv/wind/fuel-cell/battery-energy storage power systems, design of high temperature power conversion systems with wide band-gap semiconductor devices, new converter topologies for single/three phase solid state transformers (SSTs) with medium frequency isolation, medium voltage power converters for mega-watt scale solar-pv/wind/fuel-cell energy systems, adjustable speed drives with medium frequency transformer isolation, development of smart solar pv-systems for curved surfaces / BIPV, power quality enhancement for interconnected renewables, Power Quality Issues, Design & development of Active Power Filters; Dynamic voltage restorer's (DVRs) and new & improved ride-through technologies employing Flywheel and Supercapacitors, and advancing switching power supply designs for portable power systems and modular fuel-cell systems.	Social & Economic	https://scholars.library.tamu.edu/vivo/display/n665eb336/Persons/View%20All
382	Kezunovic, Mladen	TAMU	Engineering	Electrical And Computer Engineering	Dr. Kezunovic's expertise is in Protective Relaying, Automated Power System Disturbance Analysis, Computational Intelligence and Data Analytics, and Smart Grids.	Social & Economic	https://scholars.library.tamu.edu/vivo/display/n6f85ab33/Persons/View%20All
383	Park, Sung Il	TAMU	Engineering	Electrical And Computer Engineering	Dr. Park's lab conducts three lines of research: wireless optogenetics, biomedicine, wireless power transmission into biological tissues, and photodynamic therapy for gastrointestinal cancers.	Social & Economic	https://scholars.library.tamu.edu/vivo/display/naef793d7/Persons/View%20All
384	Mansouri Kalathi, Nileep	TAMU	Engineering	Electrical And Computer Engineering	Dr. Kalathi works in the areas of Reinforcement Learning, Stochastic Control and Game Theory, with a focus on problems in cyber-physical systems, intelligent transportation systems and renewable energy systems.	Social & Economic	https://scholars.library.tamu.edu/vivo/display/n703b054/Persons/View%20All
385	Katehi-Tsergounis, Linda	TAMU	Engineering	Electrical And Computer Engineering	Dr. Katehi is an electrical and computer engineering specialist with decades of research and publications under her belt. Her latest published works largely intersectionality, inclusion, feminism, and leadership within her STEM field. Her research interests include Development and characterization (theoretical and experimental) of microwave, millime-ter printed circuits Computer-aided design of VLSI interconnects Development and characterization of micro-machined circuits for microwave, millimeter-wave and sub-millimeter-wave applications including MEMS switches, high-Q evanescent mode filters and MEMS devices for circuit re-configurability Development of low-loss lines for sub-millimeter-wave and terahertz frequency applications Theoretical and experimental study of unipla-nar circuits for hybrid-monolithic and monolithic oscillator, amplifier and mixer applica-tions Theoretical and experimental characterization of photonic band-gap materials	Social & Economic	https://scholars.library.tamu.edu/vivo/display/nfc1740f1/Persons/View%20All
386	Park, Hangu	TAMU	Engineering	Electrical And Computer Engineering	Dr. Park's research interest lies in artificial sensory feedback and closed-loop optimization of sensorimotor loop, to assist incomplete body functions and enhance rehabilitation. He is also interested in human augmentation and performance enhancement. Developing smart bio-mimicking/bio-inspired circuits and systems is another crucial part of his research.	Social	https://scholars.library.tamu.edu/vivo/display/n51531b2/Persons/View%20All
387	Currie-Gregg, Nancy	TAMU	Engineering	Engineering Student Serv & Academic Prog	Dr. Currie-Gregg's research interests are in spacecraft occupant protection, human systems integration, aerospace systems engineering, and safety engineering and risk management. She teaches courses in human factors engineering and ergonomics, aerospace systems engineering, and systems safety engineering and risk management.	Social & Economic	https://scholars.library.tamu.edu/vivo/display/n4c69944/Persons/View%20All
388	Ogilvie, Andrea	TAMU	Engineering	Engineering Student Serv & Academic Prog	Dr. Ogilvie is an associate professor with research interests in: Engineering Education Higher Education Policy Issues Workforce Development Broadening Participation in STEM	Social & Economic	https://scholars.library.tamu.edu/vivo/display/n6eac4d4e/Persons/View%20All
389	Alvarado, Jorge	TAMU	Engineering	Engineering Technology & Industrial Dist	Dr. Alvarado is a professor in the Department of Engineering Technology and Industrial Distribution at Texas A&M University (TAMU). He holds a joint-appointment in the Department of Mechanical Engineering at TAMU. He teaches courses in the areas of thermal sciences, fluid mechanics, and fluid power. Dr. Alvarado's research interests are in the areas of nanotechnology, micro-scale heat transfer, electronic cooling, phase change materials, thermal storage, bio-fuel combustion, and energy conservation and use of renewable energy in buildings.	Environmental	https://scholars.library.tamu.edu/vivo/display/n1454741/Persons/View%20All
390	Iakovou, Eleftherios	TAMU	Engineering	Engineering Technology & Industrial Dist	Dr. Iakovou is an associate professor with research interests in: Resilient and Sustainable Integrated Energy and Manufacturing Supply Chains Supply Chain Management Inventory Management Intermodal & Maritime Logistics Port Management Global Logistics & Free Trade Facilitation Manufacturing & Production Systems Humanitarian Logistics Emergency Response Management Supply Chain Strategy and Policy-Making	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/na8b5bf0/Persons/View%20All
391	Ferri, Thomas	TAMU	Engineering	Industrial And Systems Engineering	Dr. Ferri's research interests are in Human Factors and Cognitive Ergonomics, and can be described as the study of cognition in human-machine engineered systems. His primary focus involves human information processing and design to support attention and interruption management. In particular, he investigates novel interface design techniques, employing alternative display modalities such as the sense of touch. Other research interests include human error, decision making under time pressure, and human-automation interaction. He has interest and experience in applying his research to the domains of medicine (anesthesiology), military operations (command and control, UAV control and operations), aviation (cockpit automation, air traffic control), and ground transportation.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/nfc43d7/Persons/View%20All
392	Aprahamian, Hrayr	TAMU	Engineering	Industrial And Systems Engineering	Dr. Aprahamian's research interests lie in the application of Operations Research methodologies and statistical tools to problems arising in healthcare systems and public policy decision-making. Recently, his work has focused on the development of combinatorial and discrete optimization techniques to obtain optimal risk-based screening policies and effective algorithms for public health screening. Applications of interest include donated blood screening, population-level screening for sexually-transmitted diseases, and newborn screening for genetic mutations.	Social & Economic	https://scholars.library.tamu.edu/vivo/display/ncc958d56/Persons/View%20All
393	Saangohar, Farzan	TAMU	Engineering	Industrial And Systems Engineering	Dr. Saangohar's research interests are centered around understanding and improving human decision-making and performance in multi-task, safety-critical work environments using a wide range of analytical techniques and technological innovations such as remote continuous monitoring and connected integrated systems. He is interested and has experience in designing, implementing, and testing systems that improve human-systems performance in socio-technical domains such as healthcare, air-traffic control, command and control, process control, and surface transportation.	Social	https://scholars.library.tamu.edu/vivo/display/n16a3cfd/Persons/View%20All
394	Eskin, Ceyhan	TAMU	Engineering	Industrial And Systems Engineering	Dr. Eskin's research interests are in the areas of distributed optimization, network science, game theory and control theory. Current research focuses on game theoretic modeling and optimization of multi-agent systems in biological, communication and energy networks.	Social	https://scholars.library.tamu.edu/vivo/display/n15118a48/Persons/View%20All

395	Zahabi, Maryam	TAMU	Engineering	Industrial And Systems Engineering	Dr. Zahabi's research is focused on applying Human Systems Engineering theories and principles in design and analysis of complex human-in-the-loop systems. In particular, she is interested in usability evaluation and interface design of health information technologies; law enforcement-to-vehicle technology design; training driving distraction and multi-tasking performance under high workload driving conditions; and virtual reality application to improve human cognitive and psychomotor performance. Other research interests include interruptions in healthcare settings, patient safety monitoring and adverse event prediction using data analytics, and applications of cognitive performance modeling and system safety analyses techniques in different domains.	Social & Economic	https://scholars.library.tamu.edu/vivo/display/nc27966fa/Persons/View%20All
396	Wang, Shiren	TAMU	Engineering	Industrial And Systems Engineering	Dr. Wang's research is focused on the additive manufacturing, sustainable materials and energy, and nano-medicines.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n44eebb70/Persons/View%20All
397	Claridge, David	TAMU	Engineering	Mechanical Engineering	Dr. Claridge conducts research focusing on energy efficiency in buildings. He works to improve the existing building commissioning process and continues to improve methods used for measurement and verification of energy savings in buildings.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n206a92f0/Persons/View%20All
398	Layton, Astrid	TAMU	Engineering	Mechanical Engineering	Dr. Layton's research is in network analysis and modeling of complex systems and Systems of Systems (SoS). She uses bio-inspired systems design to solve sustainability and resilience related problems. Human networks of interest include, but are not limited to, industrial resource networks, power grids, water distribution networks, makerspace learning environments, and supply chains.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n7f2bc8c5/Persons/View%20All
399	Gopalawamy, Swaminathan	TAMU	Engineering	Mechanical Engineering	Dr. Gopalawamy is a research scientist with interests in: Application driven, multi-disciplinary research Model Based Control, and Systems Engineering Embedded Systems and Software Engineering Distributed Simulation and Control Cyber Physical Systems Safety and Reliability Autonomous Systems, Automotive Systems, Energy Systems	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n072967da0/Persons/View%20All
400	O'Neill, Zheng	TAMU	Engineering	Mechanical Engineering	Dr. O'Neill is a research scientist with an interest in energy efficiency and sustainable building design.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n466d726c/Persons/View%20All
401	Bandyopadhyay, Arkasama	TAMU	Engineering	Mechanical Engineering	Dr. Bandyopadhyay is a research scientist with an interest in energy efficiency and sustainable building design.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n80c680f0/Persons/View%20All
402	Rathinam, Sivakumar	TAMU	Engineering	Mechanical Engineering	Dr. Rathinam's research focuses on motion planning and control of autonomous vehicles, collaborative decision making, combinatorial optimization, vision based control and air traffic control.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n2aa41614/Persons/View%20All
403	Mullana, Anastasia	TAMU	Engineering	Mechanical Engineering	Dr. Mullana's research focuses on analytical, numerical, and experimental approaches in areas of structural and computational mechanics, i.e. nonlinear and time dependent constitutive material modeling, thermal stress analysis, contact and damage modeling, delamination crack growth in laminated composites, micromechanics of composite materials and structures, multi-scale material modeling, modeling nanoindentation tests, large-scale nonlinear structural analysis, numerical and finite-element modeling, neural network simulations in engineering.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/na7c9468f/Persons/View%20All
404	Darba, Swaroop	TAMU	Engineering	Mechanical Engineering	Dr. Darba's research focuses on Advanced Vehicular Control and Diagnostic Systems, Motion planning and control of Unmanned vehicles, Decision making under uncertainty, Control System Design	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/ncd1c0f89/Persons/View%20All
405	Malak, Richard	TAMU	Engineering	Mechanical Engineering	Dr. Malak's research objective is to discover new principles, methods, and tools for the design of engineered systems. Trends are toward systems with increased functionality, more components, and a tighter integration of physical and computer-based elements.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n52a7c4e8/Persons/View%20All
406	Cope, Dale	TAMU	Engineering	Mechanical Engineering	Dr. Cope's primary interest in engineering education is to learn about modern pedagogy practices in order to actively engage students in the classroom and help them better understand complex engineering concepts.	Social	https://scholars.library.tamu.edu/vivo/display/nff6f77f/Persons/View%20All
407	Yu, Chongho	TAMU	Engineering	Mechanical Engineering	Dr. Yu is a research scientist with interests in: Energy Storage Rechargeable Li batteries: High capacity and low-cost carbon nanotube sponge based batteries for electric vehicles and mobile applications Low-cost rechargeable metal batteries for stationary applications Thermal energy storage: composites with phase change materials Energy Conversion and Harvesting Thermal-to-electrical energy conversion based on thermo-diffusion of electrons and ions Simultaneous energy conversion and storage with thermally chargeable supercapacitors Hydrogen generation with electrochemical cells	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/naebbaa43/Persons/View%20All
408	Saripalli, Srikanth	TAMU	Engineering	Mechanical Engineering	Dr. Saripalli's research focuses on Simulation, Localization, Guidance, Navigation and Control for Unmanned Vehicles. Their projects span from algorithmic design and implementation to field experimentation of aerial and ground robots.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n75f9f6a/Persons/View%20All
409	Li, Ying	TAMU	Engineering	Mechanical Engineering	Dr. Li's research laboratory focuses on advanced materials and processes for sustainable energy and clean environment. His group is specialized in synthesis of nanomaterials and multifunctional materials, catalysis and photocatalysis, carbon capture and conversion, natural gas utilization, solar photochemical and thermochemical processes, rechargeable batteries, membrane technology (wastewater treatment, desalination, drinking water purification), and aerosol engineering.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n2ba4905/Persons/View%20All
410	Han, Je	TAMU	Engineering	Mechanical Engineering	Dr. Han's research focuses on thermal Fluid Sciences – heat transfer and cooling in gas turbines, heat transfer enhancement, heat transfer in rotating flows, film cooling in unsteady high turbulent flows, combustor-liner cooling, mini-channel heat transfer, advanced CFD and experimental methods.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n66dc6dc2/Persons/View%20All
411	Grunlan, Jaime	TAMU	Engineering	Mechanical Engineering	Dr. Grunlan's research is focused on polymer nanocomposites with transport properties that rival metals and ceramics, while maintaining beneficial polymer mechanical behavior. They are developing fully organic thermoelectric materials that can efficiently convert waste heat to useful voltage.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/nf6b135d0/Persons/View%20All
412	Pagila, Prabhakar	TAMU	Engineering	Mechanical Engineering	Dr. Pagila is a research professor who specializes in human robotic interactions and has published on the impacts of undergraduate research experiences for students.	Social	https://scholar.google.com/citations?view_op=list_works&hl=en&ln=en&user=GE3XGkAAAJ&scottvpubdate
413	Marianno, Craig	TAMU	Engineering	Nuclear Engineering	Dr. Craig Marianno's areas of interest include nuclear counter terrorism, nuclear instrumentation development, exercise development, radiological consequence management and environmental health physics.	Environmental	https://scholars.library.tamu.edu/vivo/display/n2c0d413b/Persons/View%20All
414	Ahmed, Karim	TAMU	Engineering	Nuclear Engineering	Dr. Ahmed has research interests in analytics with Modeling and simulations of irradiation effects in nuclear materials, Multi-scale modeling of materials, co-evolution of microstructure and physical properties of materials under extreme conditions.	Environmental	https://scholars.library.tamu.edu/vivo/display/n10b59153/Persons/View%20All
415	Krilmant, Karen	TAMU	Engineering	Nuclear Engineering	Dr. Krilmant established the Laboratory for Nuclear Heat Transfer Systems with the initial goals of investigating condensation heat transfer mechanisms, developing new reactor designs and safety systems, and advancing the state-of-the-art in reactor safety analysis. Her three main lines of research at TAMU, with their trajectories and impacts are summarized below: 1. Long-term cooling of a nuclear reactor core under extended loss of AC power conditions 2. Severe Accident Modeling 3. Counter-Current Flow Limitation (CCLF)	Environmental	https://scholars.library.tamu.edu/vivo/display/n24aa6a0/Persons/View%20All
416	Panchang, Vijaykumar	TAMU	Engineering	Ocean Engineering	Dr. Panchang's research interests consist mainly of ocean system modeling and engineering in order to develop hydrodynamic models. His current research has focused on developing coastline and wave cycle models to provide important data about natural disasters (such as hurricanes) and water quality/characteristics (salinity, sediment levels).	Environmental	https://engineering.tamu.edu/ocean/profiles/panchang-vijaykumar-g.html
417	Falzarano, Jeffrey	TAMU	Engineering	Ocean Engineering	Dr. Falzarano's research focuses on the study of nonlinear and stochastic dynamics of ships and marine structures.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n325cc341/Persons/View%20All
418	Kim, Moonhyun	TAMU	Engineering	Ocean Engineering	Dr. Kim's research interests focus on nonlinear dynamics of offshore platforms; wave mechanics and free-surface flows; nonlinear stochastic analysis; computational fluid dynamics; hydroelasticity; floating breakwaters; beach erosion; multi-hull-rose-mooring coupled dynamic analysis; liquid-sloshing & vessel-motion interactions; ocean renewable energy (floating offshore wind turbine) & wave energy conversion; smart offshore platforms.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n8a0b8c7f/Persons/View%20All
419	Figlus, Jens	TAMU	Engineering	Ocean Engineering	Dr. Figlus is an associate professor with research interests in Coastal and hydraulic engineering Sediment transport processes Instrumentation for storm rapid response measurements Beach, dune, and barrier island morphodynamics Innovative coastal protection systems against storm surge, flooding, and erosion Wave – structure – sediment interaction Wave – vegetation – sediment interaction	Environmental	https://scholars.library.tamu.edu/vivo/display/n29e4d59/Persons/View%20All

420	Duran Vinent, Orenco	TAMU	Engineering	Ocean Engineering	Dr. Orenco Duran Vinent is working as a Research Assistant Professor in the department of Ocean Engineering at Texas A&M University. His research interests include: Morphodynamics Coastal processes Ecological engineering Sediment transport	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n116c266/Persons/View%20All
421	Allen, David	TAMU	Engineering	Ocean Engineering	Dr. Allen's research is focused on the mechanics of inelastic solids, with emphasis on viscoelasticity, plasticity, viscoplasticity, computational mechanics, damage and fracture mechanics, and coupled thermal/structural field problems.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n64e0e5/Persons/View%20All
422	Corde, Laurie	TAMU	Engineering	Ocean Engineering	Dr. Corde is an assistant lecturer of Oceanography, and has a vested interest in research relating to uplifting women within the field and engineering at large as well as individual's ability to be an adaptive leader.	Social	https://scholars.library.tamu.edu/vivo/display/n74fe1d0/Persons/View%20All
423	Hascakir, Berna	TAMU	Engineering	Petroleum Engineering	Dr. Hascakir is a petroleum engineering specialist who is currently investigating green or sustainable alternatives to petroleum extraction.	Environmental	https://scholar.google.com/citations?user=wdYn7A04AAAA&hl=en
424	Akkuflu, I.	TAMU	Engineering	Petroleum Engineering	Dr. Akkuflu is an associate professor with research interests in: Carbon capture and sequestration in source rocks Simulation-based history-matching optimization and forecasting of shale gas/condensate/oil wells Shale gas and oil resource assessment and characterization CO ₂ -enhanced shale gas and oil recovery Shale oil recovery using surfactants and micro-emulsions Digital rock physics and pore-network modeling Natural gas hydrates	Environmental	https://engineering.tamu.edu/petroleum/profile/iyakkuflu.html
425	Barufet, Maria	TAMU	Engineering	Petroleum Engineering	Dr. Barufet has research interests in: Integration of capillary pressure and thermodynamics to evaluate properties of confined reservoir fluids Reservoir simulation of near-critical fluids, hydrocarbon characterization methods, and simplified methods to model gravitational gradients in compositional reservoir simulation Equations of state (EOS) for multiphase equilibria. Liquid-liquid-vapor equilibrium in steam flooding processes and solid-liquid-gas equilibria in asphaltene and wax precipitation Enhanced oil recovery: thermodynamics and transport phenomena applied to chemical, miscible, and thermal recovery processes Analytical and numerical modeling of CO ₂ storage and capture Multiphase flow, flow assurance and leak detection methods	Environmental	https://scholars.library.tamu.edu/vivo/display/nefae1811/Persons/View%20All
426	Behie, Stewart	TAMU	Engineering	Chemical Engineering	Dr. Behie is a safety protocol specialist. He has more than 40 years of technical experience in process safety, including more than 10 years at facilities in the Middle East. Behie has published several articles on risk-based decision management and risk management in operational settings and has given workshops on creating excellence in safety performance.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n53931224/Persons/View%20All
427	Knappeit, Peter	TAMU	Geosciences	Geology And Geophysics	Dr. Knappeit is interested in predicting the impacts of intensive groundwater pumping on regional groundwater quality. This includes regions with problems with naturally occurring, toxic concentrations of arsenic and fluoride, and regions with anthropogenic contamination at the surface. He is also interested in how dynamic interactions between rivers and aquifers change the supply and biochemical composition of both.	Environmental	https://scholars.library.tamu.edu/vivo/display/n714c0647/Persons/View%20All
428	Newman, Julie	TAMU	Geosciences	Geology And Geophysics	Dr. Newman investigates rheology, deformation processes, and deformation conditions (e.g., pressure, temperature, stress, strain-rate) in crustal and upper mantle environments through field, microstructural and geochemical studies.	Environmental	https://scholars.library.tamu.edu/vivo/display/n86cd191z/Persons/View%20All
429	Bhatia, Mukul	TAMU	Geosciences	Geology And Geophysics	Dr. Bhatia is an associate professor with an interest in water, drilling, water wells, sustainable development of water drilling technology.	Environmental	https://scholars.library.tamu.edu/vivo/display/nb2b74092/Persons/View%20All
430	Zhan, Hongbin	TAMU	Geosciences	Geology And Geophysics	Dr. Zhan's teaching and research interests are primarily in fundamental processes of groundwater hydrology, flow and transport in geological formations, and their applications in water resources management and geological, environmental, and petroleum engineering. He is also recently interested in unconventional subsurface flow and transport processes, with the studied media changing from permeable porous and fractured ones to much less permeable ones such as clay and shale, and the studied pore sizes also changing from millimeters to micrometers or even nano-meters. He is interested in the following research: <ol style="list-style-type: none">1. Flow and solute transport in highly deformable low-permeability porous media2. Interaction of aquifer with connected and disconnected rivers3. Vapor flow and transport in the subsurface4. Non-Darcian flow and its impact on anomalous transport5. Coupled unsaturated-saturated flow and transport problems6. Radial dispersion and push-and-pull tests7. Flow and transport in sloping aquifers8. Coupled aquifer-conduit-fracture flow and transport9. Flow and transport in fracture-matrix systems	Environmental	https://scholars.library.tamu.edu/vivo/display/n31e29796/Persons/View%20All
431	Kitajima, Hiroko	TAMU	Geosciences	Geology And Geophysics	Dr. Kitajima research's focuses on rock mechanics, soil mechanics, structural geology, hydrogeology, numerical modeling, and scientific drilling.	Environmental	https://scholars.library.tamu.edu/vivo/display/n69a7825/Persons/View%20All
432	Giardino, John	TAMU	Geosciences	Geology And Geophysics	Dr. Giardino is a research professor with interests in: Alpine geomorphology, fluvial geomorphology, critical zone studies, engineering geology	Environmental	https://scholars.library.tamu.edu/vivo/display/n38bd171z/Persons/View%20All
433	Pope, Michael	TAMU	Geosciences	Geology And Geophysics	Dr. Pope's research interests focus on three main topics: 1) Integrating litho-, chemo- and chronostratigraphy in a regional sequence stratigraphic framework to understand high-frequency and long-term climatic and oceanic processes affecting development of sedimentary successions; towards this end I am currently most interested in the transitions that occur between global icehouse and greenhouse conditions and how these affect reservoir characterization. 2) Using detrital zircon geochronology to understand sediment dispersal and large-scale tectonic processes. 3) Determining the structural deformation (twining, cataclasis, brecciation, etc.) produced in carbonates by meteorite impacts as a means to establish objective criteria for cratering - similar to shocked quartz.	Environmental	https://scholars.library.tamu.edu/vivo/display/n50988103/Persons/View%20All
434	Laya Pereira, Juan Carlos	TAMU	Geosciences	Geology And Geophysics	Dr. Laya Pereira's current research interests are in the broad area of carbonate sedimentology and stratigraphy. The topics he is focusing on include: <ol style="list-style-type: none">1) Carbonate reservoir characterization and modeling from modern and outcrop analogues, (interested in Caribbean islands, also Pacific and Indian Ocean islands)2) Late Paleozoic carbonate petroleum systems and opportunities for exploration3) Diagenesis and porosity evolution, using image analysis tools as a key for petrophysics.4) The use of stable isotope geochemistry including clumped isotopes in understanding deposition, diagenesis and basin evolution.5) Unconventional Carbonate reservoirs and basin analysis.	Environmental	https://scholars.library.tamu.edu/vivo/display/n70ce55bb/Persons/View%20All
435	Perez, Nicholas	TAMU	Geosciences	Geology And Geophysics	Dr. Perez's research focuses on basin evolution and deformation along active margins, the role of structural inheritance on deformation and subsidence patterns, tectonic influences on sedimentology, stratigraphy, and basin architecture, continent-scale sediment routing, and tectonic-climate interactions.	Environmental	https://scholars.library.tamu.edu/vivo/display/n7033c8ff/Persons/View%20All
436	Belanger, Christina	TAMU	Geosciences	Geology And Geophysics	Dr. Belanger is interested in identifying how organisms respond, why they respond, and to which environmental factors they are primarily responding is integral to understanding how future climate change will affect the modern biota as well as to inform efforts to sustain biodiversity and economically important fisheries.	Environmental	https://scholars.library.tamu.edu/vivo/display/n7665a17j/Persons/View%20All
437	Belabasssi, Leila	TAMU	Geosciences	Oceanography	Dr. Belabasssi is an associate professor who has research interests in ocean observation and data collection tools.	Environmental	https://scholar.google.com/citations?user=IW_wtF8AAAA
438	Liu, Yina	TAMU	Geosciences	Oceanography	Dr. Liu is an organic biogeochemist with particular interests in how organic compounds', both natural and anthropogenic, cycling affect biological and ecological processes and vice versa. These interconnected processes are important drivers for organic carbon and contaminant cycling at regional and global scales. Her research group uses untargeted and targeted analyses as well as data science to shed light on different aspects of organic biogeochemistry.	Environmental	https://scholars.library.tamu.edu/vivo/display/nf296882/Persons/View%20All
439	Zhang, Shuang	TAMU	Geosciences	Oceanography	Dr. Zhang's research broadly uses data-driven and model-driven approaches to quantify the patterns of water and element flux involved in the global carbon and biogeochemical cycles, especially under periods of climatic perturbations.	Environmental	https://scholars.library.tamu.edu/vivo/display/n4dd10e51/Persons/View%20All

440	Zhang, Yige	TAMU	Geosciences	Oceanography	Dr. Zhang is a paleoclimatologist & paleoceanographer interested in using geochemistry, geochemical and climate modeling as tools to study past changes in climate and global biogeochemical cycles, with the goal of learning lessons for our future.	Environmental	https://scholars.library.tamu.edu/vivo/display/n613c6c7/Persons/View%20All
441	Slowey, Niall	TAMU	Geosciences	Oceanography	Dr. Slowey's research interests include: Paleoceanography and paleoclimatology Continental slope and carbonate bank sedimentary processes High-resolution seismic stratigraphy Quaternary sea level history Acoustic and physical properties of marine sediments	Environmental	https://scholars.library.tamu.edu/vivo/display/n2a90b101/Persons/View%20All
442	Sylvan, Jason	TAMU	Geosciences	Oceanography	Dr. Sylvan's research focuses on two aspects of microbial ecology - interactions between the ocean crust and marine microbes, and the impact of anthropogenic influence on marine microbes. He determines the effect microbial communities have on biogeochemical cycles in a variety of settings through quantification of microbial biomass, analysis of microbial diversity and function, and measurement of microbial activity. His research is interdisciplinary and involves collaboration with chemists, geologists and biological oceanographers.	Environmental	https://scholars.library.tamu.edu/vivo/display/n7b1298a/Persons/View%20All
443	Campbell, Lisa	TAMU	Geosciences	Oceanography	Dr. Campbell's research focuses on phytoplankton population dynamics; harmful algal blooms and mechanisms of bloom formation; transcriptomics and metabolomics of marine diatoms; ocean observing systems; and flow cytometry and imaging-in-flow cytometry.	Environmental	https://scholars.library.tamu.edu/vivo/display/n7a7d6659/Persons/View%20All
444	Chapman, Piers	TAMU	Geosciences	Oceanography	Dr. Piers's research interests include: (a) Marine chemistry - nutrient cycling in coastal areas, and their use as tracers as a means of identifying large-scale oceanic circulation patterns, the marine iodine cycle. (b) The physics and chemistry of upwelling areas. (c) Low oxygen regimes in the ocean. (d) Marine pollution - oil pollution control methods, particularly dispersant usage.	Environmental	https://scholars.library.tamu.edu/vivo/display/na59307e9/Persons/View%20All
445	Yoon-Lewis, Shari	TAMU	Geosciences	Oceanography	Dr. Yoon-Lewis's group studies the role of the ocean in regulating atmospherically important trace gases. A variety of trace gases including halocarbons (e.g. methyl halides, trihalomethanes), nitrous oxide, carbon dioxide, and methane are both produced and degraded in the ocean. The distribution and strength of the various oceanic sources and sinks impacts the exchange of these gases between the ocean and atmosphere. Through ship-board measurements, laboratory studies and modeling, her research group examines the role/magnitude of oceanic influence on trace gases that are important in the atmosphere as stratospheric ozone depleters or greenhouse gases.	Environmental	https://scholars.library.tamu.edu/vivo/display/n5a8131e/Persons/View%20All
446	Knap, Anthony	TAMU	Geosciences	Oceanography	Dr. Knap's primary research focuses include oceanography, organic geochemistry, environmental science, atmosphere/ocean interactions, oil pollution and dispersant use, and effects of contaminants on the marine environment. Global climate change is another area of interest, particularly climate instability, business/science interactions, renewable energy, marine derived bio-fuels, ocean genomics, ocean acidification.	Environmental	https://scholars.library.tamu.edu/vivo/display/n15ae863e/Persons/View%20All
447	Jones, Spencer	TAMU	Geosciences	Oceanography	Dr. Jones is a Physical Oceanographer whose research focuses on ocean dynamics, and explores how the ocean transports heat and other tracers around the globe. He uses a combination of theory, ocean models and scalable analysis tools in python. Much of Jones' work investigates the strength, geometry and variability of the Meridional Overturning Circulation (sometimes called the "conveyor belt" circulation), which transports heat from the surface of the tropical Pacific into the Atlantic basin, where it moves heat northward.	Environmental	https://ocean.tamu.edu/people/profiles/faculty/jonespencer.html
448	Shamberger, Kathryn	TAMU	Geosciences	Oceanography	Dr. Shamberger is a chemical oceanographer whose research focuses on the ocean carbon cycle, its alteration by anthropogenic ocean acidification, and the impacts of ocean acidification on calcifying organisms and ecosystems, namely tropical and deep-sea coral reefs, and oyster reefs. Her research involves investigating the natural cycling of carbon dioxide in coral reef and coastal ecosystems, the sensitivity of these systems to ocean acidification and other anthropogenic stressors, and controls on marine calcification. Dr. Shamberger's research is largely field based and she has worked on reefs in the Caribbean, main Hawaiian islands, northwest Hawaiian islands, Emperor Seamount Chain, American Samoa, Palau, the Great Barrier Reef, Taiwan, and the Gulf of Mexico.	Environmental	https://scholars.library.tamu.edu/vivo/display/n75e8b6cd/Persons/View%20All
449	Dimarco, Steven	TAMU	Geosciences	Oceanography	Dr. Dimarco's lab works on oceanographic observations using real-time technology: autonomous ocean vehicles, ship-based instrumentation, moored platforms. Coastal, shelf, slope processes; marginal seas, coastal eutrophication and hypoxia. Applications include: coastal hard, hypoxia, harmful algal blooms, oil spill, ocean acidification, aquaculture, climate change.	Environmental	https://scholars.library.tamu.edu/vivo/display/n055e7711/Persons/View%20All
450	Potter, Henry	TAMU	Geosciences	Oceanography	Dr. Potter is an assistant professor with research interests and work in Air-sea interaction and boundary layer turbulence Upper-ocean temperature structure and mixing Ocean whitecaps Surface gravity waves Infrared remote sensing Ocean observing instruments and technology	Environmental	https://scholars.library.tamu.edu/vivo/display/nf4bbf9c3/Persons/View%20All
451	Ori, Alejandro	TAMU	Geosciences	Oceanography	Dr. Ori's research focuses on studying ocean circulation and transports; ocean climate and its variability from seasonal to decadal scales; convection near continental margins and ocean interior, deep overflows; interpretation of tracer distributions on mesoscale to global; direct current measurements; development of hydrographic database and online atlas; and Ocean Observing Systems: GOOS, SOOS.	Environmental	https://scholars.library.tamu.edu/vivo/display/nf88e9f9/Persons/View%20All
452	Chang, Ping	TAMU	Geosciences	Oceanography	Dr. Chang's expertise is on climate dynamics and climate prediction, as well as global and regional climate modeling. He leads a research group in global and regional climate modeling studies at Texas A&M and has developed research collaborations with many institutions in the US and other countries. Chang's research involves the understanding of climate variability and predictability, including El Niño-Southern Oscillation (ENSO), Tropical Atlantic Variability (TAV) and Atlantic Multidecadal Variability (AMV).	Environmental	https://scholars.library.tamu.edu/vivo/display/na0924e6/Persons/View%20All
453	Heirich, Darren	TAMU	Geosciences	Oceanography	Dr. Heirich's is an instructional assistant professor with research interests in Dinoflagellate Ecology Population Genetics Phylogenetics Individual-Based Modeling Plant/Phytoplankton Taxonomy Bioinformatics	Environmental	https://scholars.library.tamu.edu/vivo/display/n536a5610/Persons/View%20All
454	Thornton, Daniel	TAMU	Geosciences	Oceanography	Dr. Thornton's research focuses on marine microbial ecology, biogeochemistry, and earth system science; specific topics include: ecology and physiology of microphytobenthos and phytoplankton; production of exopolymer particles (EPS) by microorganisms; formation and ecology of transparent exopolymer particles (TEP); aggregate formation by phytoplankton (marine snow); diatoms and climate change; microbial foodwebs and mats; nitrogen cycling; biogenic marine aerosol and cloud formation; and trace gas biogeochemistry.	Environmental	https://scholars.library.tamu.edu/vivo/display/n675d63e/Persons/View%20All
455	Fitzsimmons, Jessica	TAMU	Geosciences	Oceanography	Dr. Fitzsimmons's group focuses on inorganic chemical oceanography, particularly trace metal biogeochemistry. They specialize in environmental analytical chemistry measurements, and our research impact centers on 1) micronutrient metal cycling in the open ocean, 2) marine trace metal physicochemical speciation and stable isotope ratios, and 3) heavy metal pollutant cycling in coastal Texas waters.	Environmental	https://scholars.library.tamu.edu/vivo/display/n84877f59/Persons/View%20All
456	Sastrygoh, Istvan	TAMU	Geosciences	Atmospheric Sciences	Dr. Sastrygoh is a research professor whose research interests primarily include atmospheric modeling technology in order to better forecast storms and understand complex storm systems across the globe.	Environmental	https://scholars.library.tamu.edu/vivo/display/n7301b0d6/Persons/View%20All
457	Liu, Xiaohong	TAMU	Geosciences	Atmospheric Sciences	Dr. Liu is a teaching and research professor of the atmospheric sciences who specializes in low bioaerosols and fine aerosols contribute to geochemical processes and are examined in climate models.	Environmental	https://scholars.library.tamu.edu/vivo/display/n6c24609/Persons/View%20All
458	Schade, Gunmar	TAMU	Geosciences	Atmospheric Sciences	Dr. Shade is a teaching professor whose research interests involve cross-analysis of total carbon emissions vs. reported numbers as well as developing more efficient models for measuring carbon emissions.	Environmental	https://scholars.library.tamu.edu/vivo/display/n878b420f/Persons/View%20All
459	Deesler, Andrew	TAMU	Geosciences	Atmospheric Sciences	Dr. Deesler is a teaching professor whose research interests involve climate science and it's impact on our world.	Environmental	https://scholars.library.tamu.edu/vivo/display/n84685149/Persons/View%20All
460	Zhang, Renyi	TAMU	Geosciences	Atmospheric Sciences	Dr. Zhang is a research professor whose interests involve the properties of air pollution and their relation to atmospheric chemistry.	Environmental	https://scholars.library.tamu.edu/vivo/display/n67e9563e/Persons/View%20All
461	Wolsten, Erik	TAMU	Geosciences	Atmospheric Sciences	Dr. Wolsten is an assistant professor of atmospheric science whose research interests lie in rainfall prediction models and social media's role in the coordination of responses to natural disasters.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n6f36ea39/Persons/View%20All
462	Rapp, Anita	TAMU	Geosciences	Atmospheric Sciences	Dr. Rapp is an associate professor whose research interests are in the remote sensing of clouds and precipitation and their application in studying the hydrologic cycle, energy budget, and climate change.	Environmental	https://scholars.library.tamu.edu/vivo/display/n50a351ae/Persons/View%20All
463	Korty, Robert	TAMU	Geosciences	Atmospheric Sciences	Dr. Korty is a research professor who specializes in cyclones and is interested in mapping and predicting their frequency across the Atlantic ocean in response to changes in the climate.	Environmental	https://scholars.library.tamu.edu/vivo/display/n6138494a/Persons/View%20All

464	Logan, Timothy	TAMU	Geosciences	Atmospheric Sciences	Dr. Logan is an instructional professor whose research interests include the role that aerosols (from development) play in forming storms and triggering natural disasters.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n658309f6/Persons/View%20All
465	Ku, Yangyang	TAMU	Geosciences	Atmospheric Sciences	Dr. Xu is a research professor whose interests involve understanding the role that climate change plays in relation to natural disasters caused by imbalances or disharmony in the atmosphere. Dr. Xu seeks to understand and highlight how these imbalances are putting stress on living communities.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n349f7457/Persons/View%20All
466	Nowotarski, Christopher	TAMU	Geosciences	Atmospheric Sciences	Dr. Nowotarski is an associate professor whose research is geared towards developing a better understanding of the structure and dynamics of convective storms in midlatitudes with the ultimate goal of improving prediction of such events and their attendant hazards. His current research is focused on supercell thunderstorms, particularly the development of low-level rotation in these storms as it relates to tornado genesis.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n64348b31/Persons/View%20All
467	Nielsen-Gammon, John	TAMU	Geosciences	Atmospheric Sciences	Dr. Nielsen-Gammon is a professor of both research and practice, who is interested in the sustainability of urban communities to extreme storm responses as well as climate adaptation strategies for maintaining production in the future.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n3d74f39/Persons/View%20All
468	Zhang, Yue	TAMU	Geosciences	Atmospheric Sciences	Dr. Zhang's research aims to understand the physicochemical evolution and interactions of gas and particle phase compounds that form complex aerosol particles.	Environmental	https://atmo.tamu.edu/people/profile/faculty/zhangyue.html
469	Jepson, Wendy	TAMU	Geosciences	Geography	Dr. Jepson's research relates to household water insecurity in the US and Latin America (Brazil and Mexico) and with emerging interest in Ghana, Mali, and Ethiopia, sustainability and urban water security.	Environmental, Social	https://geography.tamu.edu/people/profile/faculty/jepsonwendy.html
470	Laise, Julie	TAMU	Geosciences	Geography	Dr. Laise's research concerns peatlands and wetlands, soils, carbon cycling, terrestrial ecosystem dynamics, paleoecology, paleoclimatology, environmental change, Holocene, alpine, arctic, and antarctic regions	Environmental	https://scholars.library.tamu.edu/vivo/display/n6c9246de/Persons/View%20All
471	Zhang, Zhe	TAMU	Geosciences	Geography	Dr. Zhang's primary research area is Geographic Information Science and within it, a focus on Cyberinfrastructure, knowledge-driven spatial decision-making, spatial uncertainty modeling, human-centered Geospatial Artificial Intelligence, and social sensing.	Environmental	https://scholars.library.tamu.edu/vivo/display/nf4211456/Persons/View%20All
472	Guneralp, Burak	TAMU	Geosciences	Geography	Dr. Burak Guneralp's research interests center on socio-economic and environmental aspects of contemporary urbanization, particularly in relation to urban sustainability. He uses various theoretical frameworks and methodologies, in particular, systems analysis and geospatial analysis.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n80a1013a/Persons/View%20All
473	Zou, Lei	TAMU	Geosciences	Geography	Dr. Lei Zou's research interests are mining geospatial Big Data to analyze and model human-environment interactions. He has involved in four National Science Foundation (NSF) funded projects and three projects funded by USGS, Louisiana Sea Grant, and Netherlands RAAK Public Grant. Increasingly frequent natural hazards and global environmental changes have posed huge challenges to the sustainability of human communities. Meanwhile, human behaviors are also changing the landscape and ecology of planet earth. Understanding the impacts and feedbacks between human and natural systems is the key to build a sustainable future for both systems. To build disaster resilience and long-term sustainability, his research focuses on (1) developing algorithms to derive practical indices from location-based social media data and utilizing those indices to enhance disaster resilience and emergency management; (2) applications of Deep Learning in automatic tagging and information extraction of social media data; (3) coupled natural-human system modeling for population dynamics, land loss and urban growth; and (4) developing estimation models of community resilience to multiple types of natural hazards.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/nf8043433/Persons/View%20All
474	Casellas Connors, John	TAMU	Geosciences	Geography	Dr. Casellas Connors is broadly trained as a human-environment geographer. His research addresses the social and political dimensions of environmental management programs and food systems. Utilizing an array of qualitative and quantitative methods, his research explores the ways that humans understand and transform their environments and ultimately are affected by these changes. His current research is particularly focused on how changes in the composition of agricultural production systems across scales may affect the resilience of food systems and influence outcomes in food security. In addition, he is involved with a project examining wildlife management programs in suburban landscapes, where many species now thrive, but institutions and patterns of land use present distinct challenges for management.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n62ca7d8/Persons/View%20All
475	Bishop, Michael	TAMU	Geosciences	Geography	Dr. Bishop is the founding and former Director of GEOT, and professor and the Hayes Chair in the Department of Geography at Texas A&M University. His areas of expertise are remote sensing, geographic information science, geomorphometry, numerical modeling, mountain geomorphology, and cryospheric science. He has published over 100 scientific publications including five books and has presented over 200 national and international professional papers on various Earth science and GIScience related topics. His current research is focused on formalization of spatial concepts for spatial analysis and terrain analysis in characterizing climate-glacier dynamics, mountain geodynamics, natural hazards, and agricultural environments.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n4e9aa186/Persons/View%20All
476	Goldberg, Daniel	TAMU	Geosciences	Geography	Dr. Daniel Goldberg is an Associate Professor in the Departments of Geography and Computer Science & Engineering at Texas A&M University. Dr. Goldberg was appointed to be the Director of GeoSAT in summer of 2020. In addition to this role, he also serves as the Director of TAMU's Geoinnovation Service Center. Within the Department of Geography, Dr. Goldberg serves as the GST Program Lead, and the Internship Coordinator. His research interests are GIS, geocoding, geocomputation, cyberGIS, 3D GIS, ADA GIS, routing, spatial databases, spatial uncertainty, spatio-temporal GIS, environmental exposure assessment, and healthGIS.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n656077ea/Persons/View%20All
477	Brannstrom, Christian	TAMU	Geosciences	Geography	Dr. Brannstrom's research focuses on social and political aspects of renewable energy and unconventional fossil fuels in Texas. He also studies geographical dimensions of wind power expansion in Brazil, where he has partnered with geographers at the Universidade Federal do Ceara. He regularly hosts visiting scholars interested in theoretical and empirical dimensions of environmental governance.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n87d522bc/Persons/View%20All
478	O'Reilly, Kathleen	TAMU	Geosciences	Geography	Dr. O'Reilly is a Professor in the Department of Geography and Texas A&M University Presidential Impact Fellow. She is trained as a feminist geographer, ethnographer, and South Asia scholar, with a focus on human-environment interactions as they pertain to gendered access to resources, including: natural resources (e.g., water); infrastructure (e.g., latrines); and sources of power, both formal (e.g., community-level governance) and informal (e.g., decision-making within households). Her work on India's WASH interventions includes: 1) from implementation to post-project stability; 2) evaluating success and sustainability; 3) open defecation practices; and 4) potential of latrine access to alleviate women and girls' psychosocial stress. She has directly investigated the implications of changing water resource governance and inadequate sanitation for marginal groups, particularly women and lowest castes. Her research highlights the need to understand the complexities of social relations and the importance of intersectionality as they pertain to spatial patterns of infrastructure distribution and access, due to their critical role in the adoption of sanitation, gender equality, and drinking water governance in the global south.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n655d481a/Persons/View%20All
479	Roark, Erin	TAMU	Geosciences	Geography	Dr. Roark's research interests focus primarily on understanding natural and anthropogenic climate variability over the last 50,000 years emphasizing biogeochemical cycling and paleoclimatographic reconstructions in marine and estuarine environments. His specific research interests include: <ul style="list-style-type: none"> • Seasonal, multi-decadal and centennial climate variability (e.g. ENSO, Pacific Decadal Oscillation) recorded in both surface and deep-sea corals. • Centennial to millennial climate variability (e.g., Holocene climate variability, Younger Dryas cooling, Heinrich events, glacial-interglacial cycles) recorded in ocean sediment cores. • High-resolution records capable of resolving the rapid and abrupt climate changes that occur on these different timescales. • Policy and conservation issues related to coastal oceans (coral reefs in particular), fisheries, climate change, and anthropogenic effects. 	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n770ed243c/Persons/View%20All
480	Frauenfeld, Oliver	TAMU	Geosciences	Geography	Dr. Frauenfeld's research activities include a broad range of topics in climate variability and climate change. He focuses primarily on surface-atmosphere interactions, over both land and the oceans. One of these research areas investigates changes in Arctic and high-altitude environments, specifically, the interactions between frozen ground (permafrost and seasonally frozen areas) and other cryospheric variables in the high latitudes of Eurasia, and their geophysical feedbacks to the overlying atmosphere. He also continues to explore ocean-atmosphere interactions: in the tropics and midlatitudes in regard to monsoonal variations and precipitation in places like West Africa, and in the Arctic, to account for atmospheric and hydrologic cycle changes related to climate warming, in light of the declining Arctic sea ice cover.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n625f85fd/Persons/View%20All


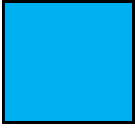
481	Breyer, Betsy	TAMU	Geosciences	Geography	Dr. Breyer is an urban geographer who is fascinated by human-environment interactions in cities. Her work combines critical social theory and geospatial techniques to understand the intertwined social and biophysical processes that make up urban systems. Currently, she is advancing several projects that investigate urban greenspace as a focal point to engage questions of environmental governance, sustainability, and social equity.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/nc011ef69/Persons/View%20All
482	Klein, Andrew	TAMU	Geosciences	Geography	Dr. Klein's current research interests lie in the application of remote sensing and geographic information science (GIS) techniques to study the cryosphere.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/nc017736u/Persons/View%20All
483	Filippi, Anthony	TAMU	Geosciences	Geography	Dr. Filippi has research interests in remote sensing / imaging spectroscopy, environmental and hydrologic/soil optics, geographic information system (GIS)-based modeling, machine learning, vegetation mapping, river floodplains, and coastal studies.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/nc1e94c15/Persons/View%20All
484	Generalp, Inci	TAMU	Geosciences	Geography	Dr. Generalp has research interests in Planform-scale morphodynamics of meandering rivers River-floodplain interactions and biomorphodynamics Impacts of global change on fluvial systems Remote sensing of fluvial landscapes	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/nc2314d40b/Persons/View%20All
485	Grossman, Ethan	TAMU	Geosciences	Geology And Geophysics	Dr. Grossman's research interests consist mainly of isotope use in geochemistry, and biogeochemistry and geobiology in aquifers. His work includes the development and application of techniques for adaptation and mitigation in the face of climate change.	Environmental	https://geogeo.tamu.edu/people/profiles/faculty/egrossmanethan.html
486	Ewing, Ryan	TAMU	Geosciences	Geology And Geophysics	Dr. Ewing's research aims to understand the evolution of landscapes and the sedimentary record through physical processes operating at the surface-atmosphere interface of Earth, Mars and Titan (a moon of Saturn). His current research themes include (1) development of patterns in wind-blown landscapes and bedform self-organization in the rock record, (2) the role of wind-blown systems at critical climatic and biologic transitions in Earth's history, (3) Biogeochemistry in eolian systems, (4) hydrodynamics for provenance studies, (5) science operations in fluvial-ocean planetary analog environments, (6) geotechnical site characterization for in-space construction and engineering. Ryan uses fieldwork, remote sensing, laboratory experiments, numerical modeling, and radiogenic and stable isotope geochemistry to explore his science goals.	Environmental	https://scholars.library.tamu.edu/vivo/display/nc2484d7f/Persons/View%20All
487	Reece, Julia	TAMU	Geosciences	Geology And Geophysics	Dr. Reece's research program focuses on understanding the mechanics and flow behavior of mudrocks with applications in subsurface pressures/stresses, basin modeling, and submarine slope failures. She is particularly interested in the controls on permeability and compressibility in marine sediments. In addition, she studies physical and chemical diagenesis in shale gas reservoirs.	Environmental	https://scholars.library.tamu.edu/vivo/display/nc71174514/Persons/View%20All
488	Chester, Judith	TAMU	Geosciences	Geology And Geophysics	Dr. Chester's research focuses on the deformation and alteration reactions during faulting, the importance to earthquake nucleation and rupture propagation in the continental crust, mechanisms of creep compaction of reservoir rock, and the mechanics of fold-fault interaction in anisotropic rock.	Environmental	https://scholars.library.tamu.edu/vivo/display/nc66736cf/Persons/View%20All
489	Graf, Kelly	TAMU	Liberal Arts	Anthropology	Dr. Graf is an Associate Professor of Anthropology at Texas A&M University whose recent research has consisted of in depth exploration, mapping, and analysis of early human responses and adaptations to climate change in their time.	Social	https://scholar.google.com/citations?hl=en&user=FYz_bMAAAAJ&view_op=list_works&sortby=pubdate
490	Hopkins, Allison	TAMU	Liberal Arts	Anthropology	Dr. Hopkins is a medical and ecological anthropologist specializing in interdisciplinary research on the connections between globalization and/or social relationships and human health. Specifically, she focuses on understanding the knowledge people have about local resources, how that knowledge relates to their behavior, what factors are associated with variation in their knowledge and behavior, and ultimately how that relates to health. She researches these issues in varying contexts, with different populations, types of knowledge and factors at play.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/nc783cbb7f/Persons/View%20All
491	Bergman, Mindy	TAMU	Liberal Arts	College Liberal Arts - Admin - Dean	Dr. Bergman is a teaching based professor who specializes in women's studies, D.E.I. in the workplace (largely within higher education), and the mental health of underrepresented communities within the workforce. Her recent research specifically highlights D.E.I. training.	Social	https://scholars.library.tamu.edu/vivo/display/nc811e444/Persons/View%20All
492	Tang, Lu	TAMU	Liberal Arts	Department Of Communication	Dr. Tang conducts research on: (1) Culture and health communication, i.e. how stigma is constructed and how culture affects different health communication processes such as social support and physician-patient communication, and (2) Social media and health communication, i.e. how illness, health, and medicine is discussed on social media and its effects on health knowledge, beliefs, attitudes and behaviors.	Social	https://liberalarts.tamu.edu/communication/profile/lu-tang/
493	Lueck, Jennifer	TAMU	Liberal Arts	Department Of Communication	Dr. Lueck's research tests message effects and effectiveness by integrating strategic health communication principles and psychology. In order to motivate audiences to engage in particular health behaviors, her research aims to better understand the target audience of health messages by investigating attention, biased cognitive and affective processes, and memory of individuals affected by mental illness.	Social	https://scholars.library.tamu.edu/vivo/display/nc59f316c/Persons/View%20All
494	Wallis, Cara	TAMU	Liberal Arts	Department Of Communication	Dr. Wallis studies the mutually constitutive nature of new media technologies, modes of power, and the intersections of multiple axes of identity, including gender, class, and place (urban/rural). She is interested in how uses and understandings of technology both reproduce inequitable power relations and open up spaces for individual and collective agency and thus, social change.	Social	https://scholars.library.tamu.edu/vivo/display/nc72a32497/Persons/View%20All
495	Coombs, William	TAMU	Liberal Arts	Department Of Communication	Dr. Coombs is a communications professor who specializes in disaster communication and responses.	Social	https://scholars.library.tamu.edu/vivo/display/nc62e245d/Persons/View%20All
496	Lindo, Jason	TAMU	Liberal Arts	Economics	Dr. Lindo's research is primarily focused on children and young adults, with an emphasis on health and education. His current work explores the determinants of violent crime victimization, as well as teen pregnancies. He is a Research Associate of the National Bureau of Economic Research and a Research Fellow of the Institute for the Study of Labor.	Social & Economic	https://scholars.library.tamu.edu/vivo/display/nc6d9a277d/Persons/View%20All
497	Eckel, Catherine	TAMU	Liberal Arts	Economics	Dr. Eckel is a Sara and John Lindsey Professor in the Liberal Arts and University Distinguished Professor in the Department of Economics at Texas A&M University, where she directs the Behavioral Economics and Policy Program. As an experimental economist, she has made important contributions on topics that are both policy-relevant and of interest to the academic community. Examples include studies of financial decision making; financial markets; altruism and charitable fundraising; preferences and behavior in poor, urban settings; the coordination of counter-terrorism policy; gender differences in preferences and behavior, including risk-taking and cooperation; and discrimination by race and gender in games of trust; racial/ethnic identity and undergraduate academic success.	Social & Economic	https://scholars.library.tamu.edu/vivo/display/nc13eab0f6/Persons/View%20All
498	Doleac, Jennifer	TAMU	Liberal Arts	Economics	Dr. Doleac is an Associate Professor of Economics at Texas A&M University. She is also a Research Fellow at IZA, and a Senior Fellow at the Niskanen Center. She researches the economics of crime and discrimination.	Social & Economic	https://scholars.library.tamu.edu/vivo/display/nc725bb88e/Persons/View%20All
499	Jansen, Dennis	TAMU	Liberal Arts	Economics	Dr. Jansen is Director of the Private Enterprise Research Center and the Jeff Montgomery Professor of Economics at Texas A&M University in College Station, Texas. Dr. Jansen's research interests include macroeconomics and financial economics. Currently his research interests are focused on studying the impact of remittances on recipient countries, studying the impact of monetary policy on asset prices, including the impact on price bubbles in equity and housing markets, and research on the jobless recoveries. He also maintains an interest in the economics of education, and is involved in a number of research projects that investigate the role and impact of charter schools, and the impact of teacher incentive pay in student achievement. Dr. Jansen has published over seventy articles in academic journals, monographs and book chapters.	Social & Economic	https://scholars.library.tamu.edu/vivo/display/nc3a25267/Persons/View%20All
500	Hoekstra, Mark	TAMU	Liberal Arts	Economics	Dr. Hoekstra's research focuses on applied microeconomics, including labor economics, law and economics, and the economics of education.	Social & Economic	https://scholars.library.tamu.edu/vivo/display/nc97a6d12f/Persons/View%20All
501	Castillo, Marco	TAMU	Liberal Arts	Economics	Dr. Castillo's research interests lie primarily in Behavioral Economics, Public Economics, Economics of Education and Experimental Economics. His research focuses on the use of experimental methods to identify optimal policy design and interventions in areas ranging from child development, human capital accumulation, discrimination and charitable fundraising.	Social & Economic	https://scholar.google.com/citations?hl=en&user=JLRWAAAAAJ&view_op=list_works&sortby=pubdate
502	Fuhrmann, Matthew	TAMU	Liberal Arts	Political Science	Dr. Fuhrmann's research focuses on international relations, nuclear proliferation, and armed conflict.	Social & Economic	https://scholars.library.tamu.edu/vivo/display/nc6592b76/Persons/View%20All
503	DiCaglio, Joshua	TAMU	Liberal Arts	English	Dr. DiCaglio has research that relates to the experience of environmental communication.	Environmental, Social	https://scholars.library.tamu.edu/vivo/display/nc3d9380/Persons/View%20All
504	Eckhart, Amy	TAMU	Liberal Arts	English	Dr. Eckhart has research regarding the long-term sustainability of digital technology.	Social	https://scholars.library.tamu.edu/vivo/display/nc2930c0b/Persons/View%20All
505	Miller, Glen	TAMU	Liberal Arts	Philosophy And Humanities	Dr. Miller has research regarding sustainability and the intersection between the field and sustainability.	Environmental	https://scholars.library.tamu.edu/vivo/display/nc3d769d4/Persons/View%20All
506	Peterson, Martin	TAMU	Liberal Arts	Philosophy And Humanities	Dr. Peterson is the Sue and Harry Boyav Professor of History and Ethics of Professional Engineering. Prior to coming to Texas A&M, he taught at Endicott University of Technology, and prior to that he was a Research Fellow at Cambridge University. He is the author of several books including: The Ethics of Technology: A Geometric Analysis of Five Moral Principles (OUP, 2017), The Dimensions of Consequentialism (CUP, 2013) and An Introduction to Decision Theory (CUP, 2009). He has research interests in: Ethics of Technology Normative Ethics (Consequentialism) Decision Theory	Social & Economic	https://scholars.library.tamu.edu/vivo/display/nc08779f/Persons/View%20All

507	Cook, Scott	TAMU	Liberal Arts	Political Science	Prof. Cook studies political methodology and international relations, in particular how endogeneity complicates our ability to understand important international phenomena. His current research uses spatial econometric methods to examine how global interdependence shapes the spread of civil wars and economic crises. Additional work explores a variety of the econometric challenges raised in modeling conflict processes.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n826a644/Persons/View%20All
508	Cooperman, Alicia	TAMU	Liberal Arts	Political Science	Dr. Cooperman research local and global challenges in water politics and policy, political economy of development, civil society and accountability, and climate change.	Environmental & Social & Economic	https://www.aliciacooperman.com/
509	Goldel, Robert	TAMU	Liberal Arts	Political Science	Dr. Goldel is an associate professor who investigates the mechanisms of healthcare within the United States.	Social	https://scholars.library.tamu.edu/vivo/display/nac8110ad/Persons/View%20All
510	Midgett, Allegra	TAMU	Liberal Arts	Psychology	Dr. Midgett's research investigates the origins and social processes that support individuals in developing an understanding of justice and learning how to care for others in an inequitable and unjust world. Her work addresses two key questions: How do we come to care about each other and about justice within the family? How do we become just in the face of inequality? To investigate these questions, Dr. Midgett employs a mixed methodology that places the experiential reality of children and their families at the forefront. The long-term goal of her work is to characterize how cultural, societal, and family practice influence individual moral development, with the ultimate aim of supporting the creation of interventions that contribute to individuals' development into more caring and just individuals.	Social	https://liberalarts.tamu.edu/psychology/profile/allegra-midgett/
511	Howard, Daniel	TAMU	Liberal Arts	Psychology	Dr. Howard's research interests include the examination of epidemiologic patterns of health outcomes that disproportionately affect African Americans; minority health and health disparities; health policy and health services.	Social	https://scholars.library.tamu.edu/vivo/display/n338df245/Persons/View%20All
512	Fields, Sherece	TAMU	Liberal Arts	Psychology	Dr. Fields' current research focuses on behavioral decision-making (with an emphasis on impulsivity) as a trans-disease process in health risk behaviors. Her research draws attention to self-regulatory and self-control pathways to behavior, modeling both their causes and consequences in order to better inform intervention efforts. Specifically, she is interested in how behavioral decision-making and other family, process and psychosocial factors interact to affect prevention and treatment outcomes for health behaviors. Her primary research examines factors related to the initiation and maintenance of addictive behaviors (specifically in children and adolescents). Her secondary research line extends the knowledge gained from addiction research to eating behavior, obesity, and subsequent diabetes risk. In both areas of research, she is also studying the neural mechanisms that underlie performance on laboratory behavioral tasks modeling impulsive behaviors in order to better inform prevention and treatment interventions.	Social	https://scholar.google.com/citations?user=2j4kuAAAAIA&hl=en
513	Thurston, Idia	TAMU	Liberal Arts	Psychology	Dr. Thurston's research aims to understand why certain groups of people experience a greater health and disease burden and to promote health equity among all youth and families. She strives to engage with communities to understand individual, familial, community, and cultural risk and protective factors among minoritized, marginalized, and underserved populations. In her research, she considers how co-occurring adversities (i.e., HIV, violence, substance misuse) and health comorbidities (i.e., metabolic complications) are maintained based on intersectional identities (i.e., race, ethnicity, gender, class, sexuality). She then uses this knowledge to develop strength-based, culturally-responsive programs and interventions to enhance well-being, reduce stigma, and promote self-empowerment.	Social	https://scholars.library.tamu.edu/vivo/display/n776fad9/Persons/View%20All
514	Maren, Steve	TAMU	Liberal Arts	Psychology	Dr. Maren's research focuses on the neural mechanisms underlying emotional learning and memory in animals and the relevance of these mechanisms to clinical disorders of fear and anxiety, including post-traumatic stress disorder (PTSD).	Social	https://scholars.library.tamu.edu/vivo/display/n609d4f11/Persons/View%20All
515	Brooker, Rebecca	TAMU	Liberal Arts	Psychology	Dr. Brooker's research focuses and interests are: Emotional and Biological Risk Factors for Anxiety Problems in Early Life Neurodevelopmental Correlates of Risk for Psychopathology Identifying Normative and Atypical Developmental Trajectories of Emotion Development Gene-environment Interplay in the Development of Risk for Anxiety Problems	Social	https://scholars.library.tamu.edu/vivo/display/nb56001a/Persons/View%20All
516	Burte, Heather	TAMU	Liberal Arts	Psychology	Dr. Burte researches the connection between individual differences in spatial thinking and learning in STEM fields, and then uses those connections to develop assessments and interventions. Since spatial thinking is found in a wide variety of domains, the lab focuses on spatial skills and strategies in three areas: (1) first-year college students learning physics, (2) elementary students learning math, and (3) sense-of-direction in navigation.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n49033478/Persons/View%20All
517	Gaylord Harden, Noni	TAMU	Liberal Arts	Psychology	Dr. Gaylord's primary research interest has been in the investigation of stress, coping, and psychosocial functioning in African American adolescents. She examines the effects of stressors in multiple contexts on depression and anxiety in urban, ethnic minority youth. Her research has also examined the role of modifiable protective factors, such as coping strategies and parent-child relationships, among youth in high-risk contexts. Her recent work focuses on exposure to community violence as a stressor for youth in urban communities. She is interested in examining the variability in community violence exposure, understanding the longitudinal impact of violence exposure on subsequent adolescent functioning, identifying coping strategies that may be both adaptive for community violence exposure, and understanding the process of desensitization to community violence and how it may be linked to subsequent emotional and behavioral functioning.	Social	https://scholars.library.tamu.edu/vivo/display/n47765a9/Persons/View%20All
518	Mathur, Vani	TAMU	Liberal Arts	Psychology	Dr. Mathur's work focuses on understanding the sources of disparities in pain, and the specific mechanisms by which social and cultural factors alter pain experience and pain physiology. Her research targets the problem of pain disparities from two directions - investigating the different ways social factors may influence one's own pain, and also alter pain perception and empathy for others. To tackle these problems, her lab utilizes behavioral, psychophysical, and neuroimaging methodologies. She is also interested in individual differences in chronic pain and pain modulation, cross-cultural examinations of pain and empathy, and social environmental effects on health broadly defined.	Social	https://scholars.library.tamu.edu/vivo/display/n4060470/Persons/View%20All
519	Alexander, Gerianne	TAMU	Liberal Arts	Psychology	Dr. Alexander's research focuses on the development of human sex differences in social and cognitive behavior; Hormonal influences on typical and atypical behavior across the lifespan; Reproductive endocrinology and behavior.	Social	https://scholars.library.tamu.edu/vivo/display/ned99a33/Persons/View%20All
520	Vaid, Jyotsna	TAMU	Liberal Arts	Psychology	Dr. Vaid's research focuses on bi/multilingualism: cognitive, neurocognitive and social aspects; creative cognition: processing of jokes, proverbs, and idioms; and diversity science: language diversity; gender and race and equity in higher education.	Social	https://scholars.library.tamu.edu/vivo/display/n7b74aa86/Persons/View%20All
521	Schlegel, Rebecca	TAMU	Liberal Arts	Psychology	Dr. Schlegel's research aims to understand how people answer the "big" questions in life and how people's answers to those questions influence their attitudes and behavior. Her lab formulates and tests a wide range of hypotheses related to many types of existential concerns focusing on the antecedents and consequences of the experience of meaning in life, authenticity, self-alienation, perceptions of free-will, and mortality awareness.	Social	https://scholars.library.tamu.edu/vivo/display/n8270d9b/Persons/View%20All
522	Meagher, Mary	TAMU	Liberal Arts	Psychology	Dr. Meagher is an associate professor with research interests in: Biobehavioral mechanisms that influence pain Stress and Disease Psychoneuroimmunology Health Psychology	Social	https://scholars.library.tamu.edu/vivo/display/n8687492/Persons/View%20All
523	Arthur, Winifred	TAMU	Liberal Arts	Psychology	Dr. Arthur's current research is broadly in the areas of (1) personnel psychology with an emphasis on testing, assessment, selection, validation, and associated methodological issues including but not limited to meta-analysis; (2) individual and team training with a focus on complex skill acquisition and factors related to minimizing skill decay and enhancing retention. This line of research also focuses on training design features and their relationship to the effectiveness of organizational training; and (3) the identification and examination of individual difference variables related to complex information processing tasks such as driving behaviors and vehicle crash involvement.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/n5516b1d0/Persons/View%20All
524	Feagin, Joe	TAMU	Liberal Arts	Sociology	Dr. Feagin does research largely dealing with a variety of racism and sexism issues.	Social	https://scholars.library.tamu.edu/vivo/display/n4c346d36/Persons/View%20All
525	Plankey-Videla, Nancy	TAMU	Liberal Arts	Sociology	Dr. Plankey-Videla's work with the Latino immigrant community in Texas has led to research on the racialization of day laborers, effects of deportation threat on families and communities, and social integration of deportees and returnees in Mexico. She is associate professor of sociology and currently the coordinator of the Latino/a and Mexican American Studies Program (LMAS), and affiliated with LMAS and the Women's and Gender Studies Program.	Social	https://scholars.library.tamu.edu/vivo/display/nf6e20d9b/Persons/View%20All

526	Lakimseth, Chakanya	TAMU	Liberal Arts	Sociology	Dr. Lakimseth's research interests are gender, sexuality, social movements, law and South Asia.	Social	https://scholars.library.tamu.edu/vivo/display/vivo:cn1069/Persons/View%20All
					At the heart of her scholarship are questions about global inequality, based on the critical feminist perspective that the "margins" of society constitute important site for social transformation and knowledge production. Through her research projects she looks critically at the impact of global HIV/AIDS health crisis on rights based claims on sexually marginalized groups in India.		
527	Foisset, Mark	TAMU	Liberal Arts	Sociology	Dr. Foisset's research explores the intersection of social and spatial demography and racial and ethnic inequality and stratification.	Social	https://scholar.google.com/citations?hl=en&user=9thLrEAAAAJ&view_op=link_works&sort_by=pubdate
528	Foster, Holly	TAMU	Liberal Arts	Sociology	Dr. Foster investigates the myriad influences of parental incarceration and personal justice-system contacts on outcomes over the life course, including the concept of 'social exclusion' or disconnection from major social institutions including schooling, housing, civic participation and health care. Using survey data, she also analyzes the correlates and consequences of children's and adults' exposure to violence (direct victimization and indirect exposures including witnessing) on a range of developmental outcomes.	Social	https://scholars.library.tamu.edu/vivo/display/naa4e14e/Persons/View%20All
529	Rubio Goldsmith, Pat	TAMU	Liberal Arts	Sociology	Dr. Rubio is interested in researching Latinx, race, education, school/neighborhood segregation, immigration and state violence. He is currently studying how well the spatial assimilation theory accounts for the residential attainment of young Latinx; how the immigration status of Mexican immigrant parents affects their children's educational attainment, and how theories of racialization and assimilation account for variation in Latinx achievement in new and traditional destinations.	Social	https://scholars.library.tamu.edu/vivo/display/n73245be/Persons/View%20All
530	Morris, Theresa	TAMU	Liberal Arts	Sociology	Dr. Morris is an associate professor whose expertise is in concepts around feminism, intersectionality, and associated topics around the liberation of women in a patriarchal society.	Social	https://scholars.library.tamu.edu/vivo/display/n7c58a4c/Persons/View%20All
531	Campbell, Mary	TAMU	Liberal Arts	Sociology	Dr. Campbell's work explores the complexity of racialized experiences using laboratory experiments, field experiments, and large-scale national surveys.	Social	https://scholars.library.tamu.edu/vivo/display/nbaef56b/Persons/View%20All
532	Koopman, Joel	TAMU	Mays Business School	Management	Dr. Koopman is an associate professor and TI Barlow Professor of Business Administration at the Mays Business School. His research interests include prosocial behavior, organizational justice, motivational processes, and research methodology.	Social	https://scholars.library.tamu.edu/vivo/display/nw0623c33/Persons/View%20All
533	Parina, Daria	TAMU	Mays Business School	Management	Dr. Parina's main area of interest is international business and international management. Her recent work has involved global communications and studying abroad sustainably.	Social	https://scholars.library.tamu.edu/vivo/display/n84ee143/Persons/View%20All
534	Chawla, Nitya	TAMU	Mays Business School	Management	Dr. Nitya's research broadly focuses on self-regulation at work and at home. Specifically, her work examines both the factors that enhance or detract from self-regulation (e.g., feedback, recovery experiences, guilt) and the processes and behaviors (e.g., motivation, prosocial behaviors, counterproductive work behaviors) that unfold after (un)successful self-regulatory efforts. Nitya also explores issues tied to gender in the workplace, including experiences of sexism and their impact. She approaches these topics from a multi-level perspective, examining both intra-individual and team-level processes.	Social	https://scholars.library.tamu.edu/vivo/display/n78991e9/Persons/View%20All
535	Pace, Michael	TAMU	Mays Business School	Management	Dr. Pace is a project management expert with over 2 decades' experience in project, program, and portfolio management. Functions across a diverse set of clients – including financial institutions, government agencies, biotech firms, and telecommunication companies. He has delivered keynotes, workshops, and training worldwide on project management, especially on method customization; written several books & articles on project management; and founded a boutique consulting firm Diverging Roads. He holds certifications in project & portfolio management, leadership, cultural intelligence, and sustainability.	Social	https://mays.tamu.edu/directory/m-pace/
536	Griffith, David	TAMU	Mays Business School	Marketing	David specializes in the areas of strategy, global marketing, innovation, and international business. His work primarily focuses on working with executives to solve business problems.	Social	https://scholars.library.tamu.edu/vivo/display/n8f5a32e/Persons/View%20All
537	LeMire, Sarah	TAMU	-Not Specified	TAMU Libraries	Dr. LeMire's research interests include information literacy, assessment, scalability of instruction and outreach, and outreach to special populations, especially veterans.	Social	https://scholars.library.tamu.edu/vivo/display/n31f3233c/Persons/View%20All
538	Herbert, Bruce	TAMU	-Not Specified	TAMU Libraries	Dr. Herbert's scientific research explored questions concerning biogeochemical processes that mediate the interactions between human society and ecosystems, including the fate and bioavailability of contaminants, natural and human perturbations of nutrient and organic carbon, and human impacts on ecosystem functioning.	Social	https://scholars.library.tamu.edu/vivo/display/n488b17d/Persons/View%20All
539	Green, Sheila	TAMU	-Not Specified	TAMU Libraries	Dr. Green is an Instructional Associate Professor and Health Science Center - Bryan Campus Librarian with the Medical Sciences Library, Texas A&M University Libraries, and a liaison to the College of Medicine. She works regularly with faculty, post doc and students to further their goals for learning, research and impact.	Social	https://scholars.library.tamu.edu/vivo/display/ned989b/Persons/View%20All
540	McDonald, Thomas	TAMHSC	School of Public Health	Environmental And Occupational Health	Dr. McDonald primarily engages in research topics regarding environmental, petroleum, and general chemistry. He has studied bioremediation in petroleum affected environments as well as the intersection between the environment and human health.	Environmental	https://public-health.tamu.edu/directory/mcdonald.html
541	Camas, Leslie	TAMHSC	School of Public Health	Environmental And Occupational Health	Dr. Camas directly researches sustainability, as well as toxicology and environmental health. Contamination of water & related water sustainability are two topics that make frequent appearances in her studies.	Environmental	https://public-health.tamu.edu/directory/camas.html
542	Mendoza, Itza	TAMHSC	School of Public Health	Environmental And Occupational Health	Dr. Mendoza-Sanchez's research relates to the mathematical modeling of contaminant movement in the environment & bioremediation of contaminated ground water.	Environmental	https://scholars.library.tamu.edu/vivo/display/n5ee08a2d/Persons/View%20All
543	Carrillo, Gerry	TAMHSC	School of Public Health	Environmental And Occupational Health	Dr. Carrillo combines both environmental and social sustainability in her research. Topics researched include environmental sustainability, health disparities, and toxicology.	Environmental, Social	https://scholars.library.tamu.edu/vivo/display/nf0dc6e54/Persons/View%20All
544	Johnson, Natalie	TAMHSC	School of Public Health	Environmental And Occupational Health	Dr. Johnson's research focuses on evaluating exposure to air pollutants in susceptible populations, such as pregnant women and children, and investigating mechanisms underlying prenatal air pollution exposure and offspring respiratory dysfunction.	Environmental, Social	https://scholars.library.tamu.edu/vivo/display/n2d4035f8/Persons/View%20All
545	Maddock, Jay	TAMHSC	School of Public Health	Environmental And Occupational Health	Dr. Maddock's research generally concerns the intersection between motivation and environmental interaction. Greenspace, health determinants, and health behaviors are just a few of the topics researched.	Social	https://scholars.library.tamu.edu/vivo/display/nf33a34f7/Persons/View%20All
546	Benders, Mark	TAMHSC	School of Public Health	Environmental And Occupational Health	Dr. Benders' research is primarily concerned with human factors and/or ergonomics, although more environmental concerns are addressed, including air pollution and decreased sedentary behavior.	Environmental, Social	https://scholars.library.tamu.edu/vivo/display/nf26a74d0/Persons/View%20All
547	Smith, Matthew	TAMHSC	School of Public Health	Environmental And Occupational Health	Dr. Smith research primarily concerns social & environmentally sustainability, moroso towards social. He has studied the relation between walkability and income in communities based on income.	Environmental, Social	https://scholars.library.tamu.edu/vivo/display/n67700cd/Persons/View%20All?Academic%20Articles:page=6&Academic%20Articles:size=5
548	Peres, S Camille	TAMHSC	School of Public Health	Environmental And Occupational Health	Dr. Peres mostly studies tasks related to ergonomics, social factors, and occupational health and safety. This includes a study on Hurricane Harvey emergency response. She also has Sustainable Development Goals concerning Decent Work and Economic Growth & Sustainable Cities and Communities listed under her TAMU Scholar profile.	Social	https://scholars.library.tamu.edu/vivo/display/n38788e6e/Persons/View%20All?Academic%20Articles:page=3&Academic%20Articles:size=5
549	Sharma, Virender	TAMHSC	School of Public Health	Environmental And Occupational Health	Dr. Sharma's research focuses on chemistry and application of ferrates, formation, fate, and toxicity of silver and gold engineered and natural nanoparticles in aquatic environment, applications of ferrites to destroy toxins and pollutants under solar light, and apply carbon-based materials to remediate contaminated water.	Environmental	https://scholars.library.tamu.edu/vivo/display/n28508fb/Persons/View%20All
550	Sansom, Garrett	TAMHSC	School of Public Health	Environmental And Occupational Health	Dr. Sansom's research relates to environmental health, as it regards environmental justice, health disparities between populations, and pollution.	Environmental, Social	https://scholars.library.tamu.edu/vivo/display/n4f6f7c4d/Persons/View%20All
551	Roh, Taehyun	TAMHSC	School of Public Health	Epidemiology And Biostatistics	Dr. Roh's current research focus is epidemiological studies of the chronic health effects of drinking water contaminants including arsenic. His earlier research topics include mechanistic toxicological studies across in vitro/in vivo experiments, and exposure and risk assessment of environmental contaminants.	Environmental	https://scholars.library.tamu.edu/vivo/display/nbd3b52fa/Persons/View%20All
552	Han, Daikwon	TAMHSC	School of Public Health	Epidemiology And Biostatistics	Dr. Han's current research focuses on spatial epidemiology, GIS and spatial analysis methods, environmental health/exposure science, environmental justice and health disparities.	Environmental, Social	https://scholars.library.tamu.edu/vivo/display/n8a6e459/Persons/View%20All
553	Xu, Xiaohui	TAMHSC	School of Public Health	Epidemiology And Biostatistics	Dr. Xu is currently studying susceptible population to environmental exposures modified by genetics, pre-existing conditions, and co-exposure to other factors.	Environmental	https://scholars.library.tamu.edu/vivo/display/nafcc51203/Persons/View%20All
554	Zhao, Hongwei	TAMHSC	School of Public Health	Epidemiology And Biostatistics	Some of Dr. Zhao's research relates to disaster readiness in environmental settings, including the cross-sectional impact of natural disasters on Medicare cost in US gulf states.	Environmental	https://scholars.library.tamu.edu/vivo/display/n0658baf50/Persons/View%20All
555	Regan, Annette	TAMHSC	School of Public Health	Epidemiology And Biostatistics	Dr. Regan has done research relating to occupational hazards post-natural disaster and their impact on computer use in the workplace.	Environmental, Economic	https://www.researchgate.net/profile/Annette-Regan
556	Washburn, David	TAMHSC	School of Public Health	Health Policy And Management	Dr. Washburn's sustainability interests are intertwined with public health, namely regarding the social and economic effects of community health worker jobs.	Social, Economic	https://scholars.library.tamu.edu/vivo/display/nec4ebc9/Persons/View%20All
557	Andreyeva, Elena	TAMHSC	School of Public Health	Health Policy And Management	Dr. Andreyeva's research primarily concerns the social aspects of healthcare sustainability. Namely the improvement of healthcare systems which can both directly & indirectly increase the sustainability of the healthcare system.	Social	https://scholars.library.tamu.edu/vivo/display/nfed7939/Persons/View%20All
558	Callaghan, Timothy	TAMHSC	School of Public Health	Health Policy And Management	His research focuses on how politics, policy, and place work together to influence health in America. He has conducted extensive research on how politics influences health access for vulnerable populations, individual health attitudes and behaviors, and rural health.	Social	https://scholars.library.tamu.edu/vivo/display/n68a1cafd/Persons/View%20All
559	Sharkey, Joseph	TAMHSC	School of Public Health	Health Promotion And Community Hth Sci	Dr. Sharkey's research includes improving nutritional, physical, and emotional health across the life-span among underserved and rural populations, alongside the maintenance of improvements.	Social, Economic	https://scholars.library.tamu.edu/vivo/display/nef74198d/Persons/View%20All

560	Ma, Ping	TAMHSC	School Of Public Health	Health Promotion And Community Hlth Sci	Dr. Ma's research focuses on examining how individual socioeconomic status, psycho-social factors, behavioral, neighborhood environmental factors, and access to health services influence the physical and mental health in underserved populations and communities (e.g., maternal women, children, racial/ethnic minorities).	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/n6825647/Persons/View%20All
561	Radcliff, Tiffany	TAMHSC	School Of Public Health	School Of Public Health	Dr. Radcliff's most recent work in emergency preparedness and response has included developing new disaster recovery and resiliency measures for health care systems that use routine administrative data, conducting case studies of recent disparate disasters to characterize preparedness and response needs to assure continuity of long-term care services in rural areas; and modeling health care utilization and resources demands to support stakeholder decisions for natural, man-made and public health emergencies	Social	https://uscencenter.tamu.edu/faculty-staff/ffray-radcliff.html
562	Clark, Heather	TAMHSC	School Of Public Health	School Of Public Health	Dr. Clark's research interests include program evaluation, community organizing and capacity building, and the evaluation of community based partnerships, specifically the use of interorganizational network analysis to examine growth in the partnerships.	Social	https://scholars.library.tamu.edu/vivo/display/nf4556431/Persons/View%20All
563	Burdine, James	TAMHSC	School Of Public Health	School Of Public Health	Dr. Burdine's research interests focus on learning how to more effectively increase community problem-solving capacity. Using the Partnership Approach, a socio-ecological framework and social determinants of health perspective, our projects examine factors influencing population health status and intervention strategies to improve health status and access to care.	Environmental, Social	https://scholars.library.tamu.edu/vivo/display/n2459564/Persons/View%20All?academic%20Articles.page=2&Academic%20Articles.size=5
564	Ferdinand, Alva	TAMHSC	School Of Public Health	School Of Public Health	Dr. Ferdinand has examined such issues as the impact of tax-exemption status on the provision of community benefits among various hospital ownership types, the relationship between neighborhood built environments and physical activity, and the effects of texting-while-driving bans on roadway safety.	Environmental, Social	https://scholars.library.tamu.edu/vivo/display/nb47225e/Persons/View%20All
565	Dry, Marcia	TAMHSC	School Of Public Health	Environmental And Occupational Health	Unsure if work constitutes sustainability		https://scholars.library.tamu.edu/vivo/display/n2ac1244d/Persons/View%20All?academic%20Articles.page=5&Academic%20Articles.size=5
566	Shatkout, Mahmoud	TAMHSC	School Of Public Health	Epidemiology And Biostatistics	Very few published papers		https://scholar.google.com/citations?hl=en&user=c-3x66AAAJ&view_op=list_works&sortby=update
567	DuPont-Reyes, Melissa	TAMHSC	School Of Public Health	Epidemiology And Biostatistics	She has been teaching at NYU since January 2022? Does she count? Revisit		https://scholars.library.tamu.edu/vivo/display/n7080617a/Persons/View%20All
568	Mekyer, Lisako	TAMHSC	School Of Public Health	School Of Public Health	Dr. Mekyer studies community-based participatory approaches, social and structural determinants of health disparities & inequities - especially for racial/ethnic minorities, and professional and organizational preparation for climate and diversity among health professions.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/nbr492840/Persons/View%20All
569	Batteas, James	TAMU	Science	Chemistry	Dr. Batteas delves into energy related research in quite a few different but related areas of chemistry.	Environmental	https://scholars.library.tamu.edu/vivo/display/n413d18ff/Persons/View%20All
570	Folden, Charles	TAMU	Science	Chemistry	Dr. Folden has several studies and articles related to nuclear energy.	Environmental	https://scholars.library.tamu.edu/vivo/display/nbd0c9451d/Persons/View%20All
571	Nippe, Michael	TAMU	Science	Chemistry	Dr. Nippe's research focuses on inorganic molecular approaches to contribute to the development of novel systems for solar to energy conversion, small molecule activation, and molecules for information storage. Synthetic methods build the foundation of the group and are complemented by a broad array of spectroscopic and electrochemical techniques.	Environmental	https://scholars.library.tamu.edu/vivo/display/nbc64745/Persons/View%20All
572	Dunbar, Kim	TAMU	Science	Chemistry	Dr. Dunbar's research spans topics in synthetic, structural and physical inorganic and bioinorganic chemistry. The use of a range of tools including spectroscopy, X-ray crystallography, magnetometry, electron microscopy, mass spectrometry and electrochemistry reflect the breadth of problems under investigation.	Environmental	https://scholars.library.tamu.edu/vivo/display/n6473437/Persons/View%20All
573	Singleton, Daniel	TAMU	Science	Chemistry	Dr. Singleton's research relates to the study of organometallic & bioorganic reaction mechanisms	Environmental	https://scholars.library.tamu.edu/vivo/display/na0232851/Persons/View%20All
574	Laine, Jan	TAMU	Science	Chemistry	Dr. Laine has research relating to the release of hydrocarbons from a certain type of microbe.	Environmental	https://scholars.library.tamu.edu/vivo/display/n619e1c2f/Persons/View%20All
575	Qin, Hongmin	TAMU	Science	Biology	Dr. Qin's research is concerned with developing more economical bioreactors that can be used at an industrial level.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n11e707377/Persons/View%20All
576	Rao, Asha	TAMU	Science	Biology	Dr. Rao's research relates to the management of invasive insect populations using native insect populations.	Environmental	https://scholars.library.tamu.edu/vivo/display/n631e24a7/Persons/View%20All
577	Pepper, Alan	TAMU	Science	Biology	Dr. Pepper's research relates to invasive species and other aspects of ecology.	Environmental	https://www.bio.tamu.edu/faculty-page-alan-pepper/
578	Wicksten, Mary	TAMU	Science	Biology	Dr. Wicksten is studying the Thoridae, a family of small-sized marine shrimp that are remarkably diverse in the cold waters of the North Pacific. Evidence suggests that these shrimp may be losing range due to global warming. They may be replaced by members of a different family, the Palaemonidae, a group of more aggressive predatory shrimp. But to study such a replacement, one must identify the shrimp. The last major study was in 1906. All previous work has been morphological.	Environmental	https://www.bio.tamu.edu/faculty-webpage-mary-wicksten/
579	Liu, Wenshe	TAMU	Science	Chemistry	SARS-CoV-2 is a newly emerged human coronavirus pathogen that has caused the COVID-19 pandemic. Since Jan 2020, Liu group has been actively engaged in the identification of COVID-19 therapeutics.	Social	https://www.chem.tamu.edu/faculty/wenshe-liu/
580	Tabor, Daniel	TAMU	Science	Chemistry	Dr. Tabor's research concerns clean energy and related materials that can be used for such exploits. In general his research regards different methods of energy storage	Environmental	https://scholars.library.tamu.edu/vivo/display/n3f81c1de/Persons/View%20All
581	Woolley, Karen	TAMU	Science	Chemistry	Dr. Woolley's more sustainable research relates to alternate battery types	Environmental	https://scholars.library.tamu.edu/vivo/display/n7d5d27bd/Persons/View%20All
582	Banerjee, Sarbjit	TAMU	Science	Chemistry	A significant portion of Dr. Banerjee's research relates to varying methods of energy storage & usage	Environmental	https://scholars.library.tamu.edu/vivo/display/n1f93f688/Persons/View%20All
583	Powers, Tamara	TAMU	Science	Chemistry	Dr. Powers has worked on research that relates to green/sustainable chemistry by exploring sustainable synthetic chemical processes, namely aerobic hypervalent iodine catalysis	Environmental	https://scholars.library.tamu.edu/vivo/display/n4778c1aa/Persons/View%20All
584	Darensbourg, Marcetta	TAMU	Science	Chemistry	Dr. Darensbourg's research focuses on synthesizing and developing a robust, highly active hydrogen-producing catalyst comprised of earth-abundant transition metals within a ligand environment that is inspired by the biological Figure 3Hydrogenase (H2ase) enzyme active sites	Environmental	https://scholars.library.tamu.edu/vivo/display/n64454741/Persons/View%20All
585	Zhou, Hongcai	TAMU	Science	Chemistry	Dr. Zhou's research interests concern energy Storage for Transportation, Supramolecular Chemistry, Hydrogen and Methane Storage, Carbon Dioxide Capture, Clean-Energy-Related Separation, Metal-Organic Frameworks, Mesh-Adjustable Molecular Sieves, Mesoporous Materials & Biomimetic Synthesis.	Environmental	https://scholars.library.tamu.edu/vivo/display/n8c5a2ca9/Persons/View%20All
586	Yan, Xin	TAMU	Science	Chemistry	Dr. Yan's primary sustainability-related research concerns the ability to sustainably produce mass spectrometric methodologies in disease diagnosis	Economic	https://scholars.library.tamu.edu/vivo/display/n683cc6e/Persons/View%20All
587	Powers, David	TAMU	Science	Chemistry	Dr. Power's interests include the development of new catalytic chemistry to impact both chemical synthesis as well as chemical storage of solar energy. Projects span organic, organometallic, and inorganic chemistries and rely on the tools of modern synthetic chemistry and spectroscopy, as well as advanced characterization techniques supported at synchrotron X-ray sources.	Environmental	https://scholars.library.tamu.edu/vivo/display/nf4e68b78/Persons/View%20All
588	Bergbreiter, David	TAMU	Science	Chemistry	Dr. Bergbreiter's research explores new chemistry related to catalysis and polymer functionalization using the tools and precepts of synthetic organic chemistry to prepare functional oligomers or polymers that in turn are used to either effect catalysis in a greener, more environmentally benign way or to more efficiently functionalize polymers.	Environmental	https://scholars.library.tamu.edu/vivo/display/n011e5561/Persons/View%20All
589	Baker, Lane	TAMU	Science	Chemistry	Dr. Baker's research focuses on electrochemical measurement and instrumentation, with special attention to ion transport and electron transfer at small scales.	Environmental	https://www.chem.tamu.edu/faculty/lane-baker/
590	Ozorio, Oleg	TAMU	Science	Chemistry	Dr. Ozorio's research involves transition metal or main group organometallic chemistry but are diverse and cover a wide variety of synthetic and mechanistic work. The ideal-case research scheme consists of: 1) discovery of a new reaction or a structural environment; 2) demonstration of unusual reactivity, structural, or electronic novelty; 3) application of these findings to develop a new catalytic process.	Environmental	https://scholars.library.tamu.edu/vivo/display/n8f769d/Persons/View%20All
591	Schweikert, Emile	TAMU	Science	Chemistry	Dr. Schweikert's research involves the extreme limits of analytical chemistry: the characterization of atto to zeptomole quantities of molecules. The aim is to detect such amounts of analyte within nanometric surface volumes. The goal is chemical imaging of surfaces with exquisite spatial resolution. The first challenge is to conceive methods and instrumentation for the accurate identification of as little as a few thousand molecules. The second challenge is to convert a measurement into analytical information.	Environmental	https://scholars.library.tamu.edu/vivo/display/n2330627/Persons/View%20All
592	Bluemel, Janet	TAMU	Science	Chemistry	Dr. Bluemel's research regards surface-immobilized homogeneous catalysts are easy to recycle, and can be highly active and selective. Furthermore they are amenable to systematic design. She finds the most interesting results when heterobimetallic systems, such as the Sonogashira Pd/Cu catalyst for the coupling of aryl halides and terminal alkynes, are involved.	Environmental	https://scholars.library.tamu.edu/vivo/display/n63e7e44f/Persons/View%20All
593	Sheldon, Matthew	TAMU	Science	Chemistry	Dr. Sheldon's lab seeks to better understand how nanofabricated optoelectronic and plasmonic materials provide a route to achieve the maximum possible conversion efficiency with solid state and photoelectrochemical systems. They explore how nanostructuring materials enables systematic control of the thermodynamic parameters governing optical power conversion, enabling optimization that can shape, confine, and interconvert the energy and entropy of a radiation field. Additionally, the remarkable nanoscale tailorability of a variety of structural properties, such as electrochemical potential, can further enable novel photochemical systems with broad application beyond the scope solar energy conversion.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/n8877910/Persons/View%20All
594	Crawford, Scott	TAMU	Science	Statistics	Dr. Crawford is a mathematical specialist who has recently contributed to publications discussing instructor's willingness to accommodate students with disabilities.	Social	https://scholars.library.tamu.edu/vivo/display/n139d84e/Persons/View%20All

595	Wang, Sujin	TAMU	Science	Statistics	Dr. Wang is a statistics specialist who is currently researching how to make healthcare and education about physical activity more accessible to elderly communities.	Social	https://scholars.library.tamu.edu/vivo/display/vivo:0205044/Persons/View%20AI
596	Newcomer, BI	TAMU	Veterinary Medicine	Vet - Large Animal Clinical Sciences	Dr. Newcomer is an associate professor who is actively researching ways to reduce large animal viruses and infections for public and animal safety.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/vivo:0532502/Persons/View%20AI
597	Estierwood, Leslie	TAMU	Veterinary Medicine	Vet - Large Animal Clinical Sciences	Dr. Estierwood is a large animal vet specialist who recently released a collaborative work on the role of veterinarians in the context of the climate crisis and how they as scientists and practitioners can be of assistance.	Environmental & Social & Economic	https://aep.org/sites/default/files/2022-05/Issue%20Vet%20Journal.pdf
598	Morley, Paul	TAMU	Veterinary Medicine	Vet - Large Animal Clinical Sciences	Dr. Morley is an epidemiologist and veterinary internal medicine specialist that studies infectious diseases affecting animals and people. Major emphasis for his professional activities includes using analytical epidemiology to improve our understanding and control of diseases in animals and people, investigating the ecology of pathogens and antimicrobial resistance determinants in animals and food production systems, and using infection control and biosecurity to manage health risks that are important in veterinary medicine, agriculture, and public health. Most recently he has used metagenomic methods to investigate the effects of agriculture production practices on antimicrobial resistance and microbial ecology as these affect human, animal, and ecosystem health.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/vivo:0207788/Persons/View%20AI
599	Cook, Walter	TAMU	Veterinary Medicine	Vet - Pathobiology	Dr. Cook is a clinical associate professor who is primarily interested in wildlife disease prevention and management. He has done research and management on diseases such as anthrax, brucellosis, and chronic wasting disease. He has also done work with chemical immobilization agents.	Environmental & Economic	https://scholars.library.tamu.edu/vivo/display/vivo:0368198/Persons/View%20AI
600	Lawhon, Sara	TAMU	Veterinary Medicine	Vet - Pathobiology	Dr. Lawhon is an associate professor who is actively researching ways to reduce large animal viruses and infections for public and animal safety.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/vivo:0370311/Persons/View%20AI
601	Yang, Zhilong	TAMU	Veterinary Medicine	Vet - Pathobiology	Dr. Yang largely works with viral diseases and their connections between animals and people. The overarching research goal of the Yang laboratory is to understand the mechanisms governing viral replication, with the rationale that the discoveries will expand the knowledge of both viruses and their hosts, and facilitate the development of novel strategies to combat viral and non-viral diseases. A parallel goal of Yang lab is to provide a highly supportive environment to train the next generations of scientists. The ongoing research focuses on how viruses interact with two cellular housekeeping processes: protein synthesis and metabolism using vaccinia virus as the research model. Vaccinia virus is the prototype poxvirus. Poxviruses significantly impact public health, with many presently causing morbidity and mortality in humans and many economically important animals, including deadly zoonotic pathogens (e.g., monkeypox virus). In addition, despite the eradication of smallpox, one of the most (if not the most) devastating diseases in human history, smallpox resurgence remains a serious biothreat. Poxviruses are also widely developed as veterinary human vaccine vectors and as cancer treatment agents.	Environmental & Social & Economic	https://scholars.library.tamu.edu/vivo/display/vivo:0263810/Persons/View%20AI
602	Derr, James	TAMU	Veterinary Medicine	Vet - Pathobiology	Dr. Derr has directed worldwide research projects in wildlife and livestock conservation genetics for over 25 years. This body of work has produced more than 75 scientific publications reporting original research on many different species. For example, Dr. Derr has authored articles on bison, dolphins, domestic and wild cats, elk, pianghorn antelope, cheetah, quail, white-tailed and mule deer, whales, domestic livestock and multiple fish species. All of this conservation genetics research has been funded through international, federal, state, NGO and private funding sources including the DSC and DSC Foundation. In addition, Dr. Derr is an impactful educator through his teaching efforts in undergraduate genetic courses to students interested in medicine (human and veterinary) and he has mentored over 100 graduate students in the fields of conservation / population genetics and animal health. One of Dr. Derr's most popular courses is "Wildlife Conservation Medicine". This course is designed for first- and second-year veterinary students to travel to South Africa and Botswana to learn how to chemically immobilize, treat and transport everything from African plains game to dangerous game. His efforts with these young veterinarians ensure they graduate with specialized knowledge and skills to handle health care and conservation issues with the tremendous number of exotic wildlife species here in the State of Texas on private ranches and preserves.	Environmental	https://scholars.library.tamu.edu/vivo/display/vivo:0496353/Persons/View%20AI
603	Mulenga, Albert	TAMU	Veterinary Medicine	Vet - Pathobiology	Dr. Mulenga has research interests in tick's and building resistance/vaccines for the diseases that they spread.	Environmental & Social	https://scholars.library.tamu.edu/vivo/display/vivo:030220/Persons/View%20AI
604	Brightsmith, Donald	TAMU	Veterinary Medicine	Vet - Pathobiology	Dr. Brightsmith's research focuses on the conservation, ecology, health, and welfare of prairies and their relatives in both the wild and captivity.	Environmental	https://scholars.library.tamu.edu/vivo/display/vivo:198311/Persons/View%20AI
605	Baudreau, Beth	TAMU	Veterinary Medicine	Vet - Small Animal Medicine & Surgery	Dr. Baudreau studies cancers in pets and people in order to better develop treatment and care.	Environmental & Social & Economic	https://vetmed.tamu.edu/news/press-releases/canine-brain-cancer-treatments/
606	Phillips, Timothy	TAMU	Veterinary Medicine	Veterinary Integrative Biosciences	Dr. Phillips is a research-based professor who specializes in environmental toxins and the environmental aspects of public health. His recent research deals with chemicals that can be administered to ecosystems that have gone through a disaster (of a chemical nature) in order to prevent the leaching of toxins into the surrounding plants and soil.	Environmental & Social	https://scholar.google.com/citations?user=WI4nZ0AAAJ
607	Mittal, Jeehan	TAMU	Engineering	Artie McFerrin Department of Chemical En			https://scholars.library.tamu.edu/vivo/display/vivo:11486/Persons/View%20AI
608	Redwing, Tobin	TAMU	Agriculture And Life Sciences	Ag Leadership, Education & Communication			https://scholars.library.tamu.edu/vivo/display/vivo:0528850/Persons/View%20AI
609	Elliott, Jack	TAMU	Agriculture And Life Sciences	Ag Leadership, Education & Communication			https://scholars.library.tamu.edu/vivo/display/vivo:3016688/Persons/View%20AI
610	Izabelo, Francisco	TAMU	Agriculture And Life Sciences	Agricultural Economics			https://scholars.library.tamu.edu/vivo/display/vivo:18456455/Persons/View%20AI
611	Waltch, James	TAMU	Agriculture And Life Sciences	Agricultural Economics			https://scholars.library.tamu.edu/vivo/display/vivo:1852502/Persons/View%20AI
612	Ribera, Luis	TAMU	Agriculture And Life Sciences	Agricultural Economics			https://scholars.library.tamu.edu/vivo/display/vivo:0389893/Persons/View%20AI
613	Benaïvid, Justin	TAMU	Agriculture And Life Sciences	Agricultural Economics			https://scholars.library.tamu.edu/vivo/display/vivo:03184951/Persons/View%20AI
614	Priest, Edwin	TAMU	Agriculture And Life Sciences	Agricultural Economics			https://scholars.library.tamu.edu/vivo/display/vivo:0497183/Persons/View%20AI
615	Wu, Jimmy	TAMU	Agriculture And Life Sciences	Agricultural Economics			https://scholars.library.tamu.edu/vivo/display/vivo:18839422/Persons/View%20AI
616	Spanner, Jennifer	TAMU	Agriculture And Life Sciences	Animal Science			https://scholars.library.tamu.edu/vivo/display/vivo:18047666/Persons/View%20AI
617	Plischal, Joseph	TAMU	Agriculture And Life Sciences	Animal Science			https://scholars.library.tamu.edu/vivo/display/vivo:1754000/Persons/View%20AI
618	Smith, Jason	TAMU	Agriculture And Life Sciences	Animal Science			https://scholars.library.tamu.edu/vivo/display/vivo:17316464/Persons/View%20AI
619	Griffin, Davey	TAMU	Agriculture And Life Sciences	Animal Science			https://scholars.library.tamu.edu/vivo/display/vivo:1683116/Persons/View%20AI
620	Peters, Juan	TAMU	Agriculture And Life Sciences	Animal Science			https://scholars.library.tamu.edu/vivo/display/vivo:12633046/Persons/View%20AI
621	Welsh, Thomas	TAMU	Agriculture And Life Sciences	Animal Science			https://animalscience.tamu.edu/people/welsh-s-thomas-h/
622	Peole, Rebecca	TAMU	Agriculture And Life Sciences	Animal Science			https://scholars.library.tamu.edu/vivo/display/vivo:1711617/Persons/View%20AI
623	Ribas, Penny	TAMU	Agriculture And Life Sciences	Animal Science			https://scholars.library.tamu.edu/vivo/display/vivo:18808919/Persons/View%20AI
624	Carbons, Rodolfo	TAMU	Agriculture And Life Sciences	Animal Science			https://scholars.library.tamu.edu/vivo/display/vivo:1880424/Persons/View%20AI
625	White-Straight, Sarah	TAMU	Agriculture And Life Sciences	Animal Science			https://scholars.library.tamu.edu/vivo/display/vivo:0383744/Persons/View%20AI
626	Ing, Nancy	TAMU	Agriculture And Life Sciences	Animal Science			https://scholars.library.tamu.edu/vivo/display/vivo:08844111/Persons/View%20AI
627	Gill, Clare	TAMU	Agriculture And Life Sciences	Animal Science			https://scholars.library.tamu.edu/vivo/display/vivo:0379336/Persons/View%20AI
628	Leatherwood, Jessica	TAMU	Agriculture And Life Sciences	Animal Science			https://scholars.library.tamu.edu/vivo/display/vivo:1771464/Persons/View%20AI
629	Blay, David	TAMU	Agriculture And Life Sciences	Animal Science			https://scholars.library.tamu.edu/vivo/display/vivo:18828216/Persons/View%20AI
630	Satterfield, Michael	TAMU	Agriculture And Life Sciences	Animal Science			https://scholars.library.tamu.edu/vivo/display/vivo:16185512/Persons/View%20AI
631	Daigle, Courtney	TAMU	Agriculture And Life Sciences	Animal Science			https://scholars.library.tamu.edu/vivo/display/vivo:0482300/Persons/View%20AI
632	Baeer, Fuller	TAMU	Agriculture And Life Sciences	Animal Science			https://scholars.library.tamu.edu/vivo/display/vivo:1740910/Persons/View%20AI
633	Canters, Gordon	TAMU	Agriculture And Life Sciences	Animal Science			https://scholars.library.tamu.edu/vivo/display/vivo:18828216/Persons/View%20AI
634	Pandolfi, Sarah	TAMU	Agriculture And Life Sciences	Animal Science			https://scholars.library.tamu.edu/vivo/display/vivo:0383744/Persons/View%20AI
635	Smith, Stephen	TAMU	Agriculture And Life Sciences	Animal Science			https://scholars.library.tamu.edu/vivo/display/vivo:1740910/Persons/View%20AI
636	Pohler, Ky	TAMU	Agriculture And Life Sciences	Animal Science			https://scholars.library.tamu.edu/vivo/display/vivo:18828216/Persons/View%20AI
637	Coake, Reinaldo	TAMU	Agriculture And Life Sciences	Animal Science			https://scholars.library.tamu.edu/vivo/display/vivo:0482300/Persons/View%20AI
638	Müller, Rhonda	TAMU	Agriculture And Life Sciences	Animal Science			https://scholars.library.tamu.edu/vivo/display/vivo:18828216/Persons/View%20AI
639	Dunlap, Kathryn	TAMU	Agriculture And Life Sciences	Animal Science			https://scholars.library.tamu.edu/vivo/display/vivo:0389893/Persons/View%20AI
640	Wu, Guoyao	TAMU	Agriculture And Life Sciences	Animal Science			https://scholars.library.tamu.edu/vivo/display/vivo:1691974/Persons/View%20AI
641	Keith, Christopher	TAMU	Agriculture And Life Sciences	Animal Science			https://scholars.library.tamu.edu/vivo/display/vivo:18828216/Persons/View%20AI
642	Wiegert, Jeffrey	TAMU	Agriculture And Life Sciences	Animal Science			https://scholars.library.tamu.edu/vivo/display/vivo:18828216/Persons/View%20AI
643	Young, Ryan	TAMU	Agriculture And Life Sciences	Biochemistry And Biophysics			https://tremont.tamu.edu/directory/vs/and-young/
644	Peliss, Jean-Philippe	TAMU	Agriculture And Life Sciences	Biochemistry And Biophysics			https://scholars.library.tamu.edu/vivo/display/vivo:18828216/Persons/View%20AI
645	Polymeris, Michael	TAMU	Agriculture And Life Sciences	Biochemistry And Biophysics			https://scholars.library.tamu.edu/vivo/display/vivo:18828216/Persons/View%20AI
646	Hays, Hayes	TAMU	Agriculture And Life Sciences	Biochemistry And Biophysics			https://scholars.library.tamu.edu/vivo/display/vivo:1740910/Persons/View%20AI
647	Zhang, Junjie	TAMU	Agriculture And Life Sciences	Biochemistry And Biophysics			https://scholars.library.tamu.edu/vivo/display/vivo:1740910/Persons/View%20AI
648	Straight, Paul	TAMU	Agriculture And Life Sciences	Biochemistry And Biophysics			https://scholars.library.tamu.edu/vivo/display/vivo:0540537/Persons/View%20AI
649	Hu, Ping	TAMU	Agriculture And Life Sciences	Biochemistry And Biophysics			https://scholars.library.tamu.edu/vivo/display/vivo:13300817/Persons/View%20AI
650	Bay, Chavala	TAMU	Agriculture And Life Sciences	Biochemistry And Biophysics			https://scholars.library.tamu.edu/vivo/display/vivo:18828216/Persons/View%20AI
651	Mullis, John	TAMU	Agriculture And Life Sciences	Biochemistry And Biophysics			https://scholars.library.tamu.edu/vivo/display/vivo:18828216/Persons/View%20AI
652	Biragan, Dorothy	TAMU	Agriculture And Life Sciences	Biochemistry And Biophysics			https://scholars.library.tamu.edu/vivo/display/vivo:18828216/Persons/View%20AI
653	Gohil, Vishal	TAMU	Agriculture And Life Sciences	Biochemistry And Biophysics			https://scholars.library.tamu.edu/vivo/display/vivo:03100649/Persons/View%20AI
654	Shan, Libo	TAMU	Agriculture And Life Sciences	Biochemistry And Biophysics			https://scholars.library.tamu.edu/vivo/display/vivo:18828216/Persons/View%20AI
655	Davarene, Timothy	TAMU	Agriculture And Life Sciences	Biochemistry And Biophysics			https://scholars.library.tamu.edu/vivo/display/vivo:18828216/Persons/View%20AI
656	Jaintrams, Anshu	TAMU	Agriculture And Life Sciences	Biological And Agricultural Engineering			https://scholars.library.tamu.edu/vivo/display/vivo:0503085/Persons/View%20AI
657	Liu, Zong	TAMU	Agriculture And Life Sciences	Biological And Agricultural Engineering			https://scholars.library.tamu.edu/vivo/display/vivo:02788808/Persons/View%20AI
658	Castell-Peres, M	TAMU	Agriculture And Life Sciences	Biological And Agricultural Engineering			https://scholars.library.tamu.edu/vivo/display/vivo:03400884/Persons/View%20AI
659	Agnawal, Girish	TAMU	Agriculture And Life Sciences	Biological And Agricultural Engineering			https://scholars.library.tamu.edu/vivo/display/vivo:18828216/Persons/View%20AI
660	Iraniano, Sander	TAMU	Agriculture And Life Sciences	Biological And Agricultural Engineering			https://scholars.library.tamu.edu/vivo/display/vivo:18828216/Persons/View%20AI
661	Gillis, Derek	TAMU	Agriculture And Life Sciences	Ecology And Conservation Biology			https://scholars.library.tamu.edu/vivo/display/vivo:18828216/Persons/View%20AI
662	Grace, Jacquelyn	TAMU	Agriculture And Life Sciences	Ecology And Conservation Biology			https://scholars.library.tamu.edu/vivo/display/vivo:18828216/Persons/View%20AI
663	Conway, Kevin	TAMU	Agriculture And Life Sciences	Ecology And Conservation Biology			https://scholars.library.tamu.edu/vivo/display/vivo:18828216/Persons/View%20AI
664	Swiger, Sonia	TAMU	Agriculture And Life Sciences	Entomology			https://scholars.library.tamu.edu/vivo/display/vivo:16250299/Persons/View%20AI
665	Renno, David	TAMU	Agriculture And Life Sciences	Entomology			https://scholars.library.tamu.edu/vivo/display/vivo:18828216/Persons/View%20AI
666	Watkins, Dalton	TAMU	Agriculture And Life Sciences	Entomology			https://scholars.library.tamu.edu/vivo/display/vivo:18828216/Persons/View%20AI
667	Dowald, John	TAMU	Agriculture And Life Sciences	Entomology			https://scholars.library.tamu.edu/vivo/display/vivo:1740910/Persons/View%20AI
668	Myles, Kevin	TAMU	Agriculture And Life Sciences	Entomology			https://scholars.library.tamu.edu/vivo/display/vivo:18828216/Persons/View%20AI
669	Sword, Gregory	TAMU	Agriculture And Life Sciences	Entomology			https://scholars.library.tamu.edu/vivo/display/vivo:18828216/Persons/View%20AI

	Meaning	Color
Key	Catogorized as Sustainable	
	Not Categorized as Sustainable	

STARS Statistics

Total # of Employees Conducting Research:	1181
Total # of Employees Conducting Sustainability Research:	606
Percentage of Employees that Conduct Research that are Engaged in Sustainability Research:	51%
Total number of academic departments that include at least one employee who conducts research:	83
Number of academic departments that include at least one employee who conducts sustainability research:	60
Percentage of departments that conduct research that are engaged in sustainability research:	72%