

SUSTAINABILITY RESEARCH INVENTORY | 2023

Total Number of UC Davis Employees Conducting Research: 1756

Total Number of UC Davis Employees Conducting Sustainability Research: 882

Total Number of UC Davis Departments: 146

Total Number of UC Davis Departments Conducting Sustainability Research: 90

Principal Investigator	CO-PI	Admin Department	Project Title
Timothy Beatty		Ag & Resource Economics	Using SNAP Administrative Data to Assess the Role of SNAP in Reducing Food Insecurity
Timothy Beatty		Ag & Resource Economics	The Economic Viability and Growth of Organic Farming: Spatial and Temporal Variation of Organic Price Premiums at Retail and Their Transmission into Farm Prices
Timothy Beatty		Ag & Resource Economics	Quantitatively evaluating food safety monitoring and enforcement tools
Timothy Beatty	Marianne Bitler	Ag & Resource Economics	Impact of WIC changes on retailer participation in WIC and sales
Timothy Beatty	Marianne Bitler	Ag & Resource Economics	Federal Food Assistance Programs and the Retail Food Environment: Evaluating Sixty Years of Policy Changes
Timothy Beatty		Ag & Resource Economics	Effects of the California drought on specialty crop markets over time and across space
Timothy Beatty	Marianne Bitler	Ag & Resource Economics	The Role of Food Assistance in Rural Areas
Michael Carter		Ag & Resource Economics	Advancing Index Insurance
Michael Carter	Travis Lybbert	Ag & Resource Economics	Achieving development impact with complementary stress-resistant seed & financial technologies
Michael Carter		Ag & Resource Economics	Feed the Future Evaluating the Effectiveness of Programs that Enhance the Economic Resilience of Vulnerable Populations
Michael Carter		Ag & Resource Economics	Innovations to Improve the Quality and Uptake of Agricultural Index Insurance in East Africa
Michael Carter		Ag & Resource Economics	Research on the Impacts of Coaching in the Context of a Peruvian Cash Transfer Program

Colin Carter		Ag & Resource Economics	Impact of Trade Disputes on U.S. Agriculture: Data Driven Approaches for Counterfactual Evaluation
Michael Carter		Ag & Resource Economics	Feed the Future Innovation Lab for Markets, Risk and Resilience Proposal to Serve as the Management Entity
Michael Carter		Ag & Resource Economics	Digitally-enabled Asset Insurance to Secure Graduation and Empowerment of Women in Pastoralist Communities
Michael Carter		Ag & Resource Economics	Resilience+ Innovation Facility for SSP Risk Management Tools
Rachael Goodhue	Karen Klonsky	Ag & Resource Economics	Economic Effects of CDPR Regulations on California Agriculture
Rachael Goodhue		Ag & Resource Economics	Refining anaerobic soil disinfestation for strawberry and apple production
Rachael Goodhue		Ag & Resource Economics	Integrating anaerobic soil disinfestation, crop rotation and variety for disease management in strawberry production
Rachael Goodhue		Ag & Resource Economics	Site-specific Soil Pest Management in Strawberry & Vegetable Cropping Systems - Economic Analysis
Rachael Goodhue		Ag & Resource Economics	Economic Effects of CDPR Regulations on California Agriculture
Rachael Goodhue		Ag & Resource Economics	Development of Next Generation Propagation Strategies to Increase the Resilience of the US Strawberry Production Chain
Rachael Goodhue		Ag & Resource Economics	Developing Suppressive Crop Rotations as a Non-Fumigant Soilborne Disease Management Strategy for Strawberries
Brittney Goodrich		Ag & Resource Economics	Measuring Beekeepers' Economic Value of Cover Crops and Contract Enhancements in Almond Pollination Agreements.
Brittney Goodrich		Ag & Resource Economics	Spatiotemporal Optimization Models to Evaluate the Potential Value of Sterile Insect Technique for Control of Navel Orangeworm
Brittney Goodrich		Ag & Resource Economics	Spatiotemporal Optimization Models to Evaluate the Potential Value of Sterile Insect Technique for Control of Navel Orangeworm
Brittney Goodrich	Tina Saitone	Ag & Resource Economics	Assisting Farmers and Rancher with Assessing and Mitigating Insurable Weather and Climate Risks in the Southwest and Northern Plains.
Brittney Goodrich		Ag & Resource Economics	Economic Analysis of Costs and Returns of Navel Orangeworm Management in Almonds
Katrina Jessoe		Ag & Resource Economics	Energy Savings from Commercial Energy Efficiency Research
Katrina Jessoe	Frank Loge	Ag & Resource Economics	Life Cycle Cost and Economic Analysis for Water Loss Performance Standards
Katrina Jessoe	Richard Sexton	Ag & Resource Economics	58-6000-1-0078:Agricultural Production and Water Quality in Rural Communities

Karen Jetter		Ag & Resource Economics	CDFA Master Grant for ISHB Research: An Economic Analysis of the Invasive Shot Hole Borer - Fusarium Dieback pest/disease complex in California
Travis Lybbert	Ashish Shenoy	Ag & Resource Economics	Evaluation of India Grain Legume Cluster Development
Travis Lybbert		Ag & Resource Economics	Mobile Financial Services and CDR-based Credit Scores: A Gateway to Financial Inclusion for Unbanked Haitians?
Kevin Novan		Ag & Resource Economics	When do households participate in energy efficiency programs
Tina Saitone		Ag & Resource Economics	Performance Indicators of WIC Vendor Quality and Participant Satisfaction
Tina Saitone		Ag & Resource Economics	Agricultural Market and Economic Research. Understanding Concentration and Coordination in Livestock/Poultry and Meat Supply Systems, and Sustainability Across those Systems
Richard Sexton		Ag & Resource Economics	Food Supply Chain Disruptions Due to COVID-19: Impacts on Prices, Marketing Margins, and Economic Welfare
Aaron Smith		Ag & Resource Economics	arm Level Impacts of Technology Adoption on Labor as a Response to Market and Policy Drivers.
Daniel Sumner		Ag & Resource Economics	Environmental Impacts of Cannabis Cultivation in California As Affected by the Farm Economics of Licensed and Unlicensed Cannabis Production, Including Effects of Testing Regulations and Compliance with the Criminal Prohibition of Unlicensed Cannabis Prod
Daniel Sumner		Ag & Resource Economics	Economic, Environmental and Resource Impacts of Using By-Products as Ingredients in Feed Rations on U.S. Dairy Farms
Daniel Sumner		Ag & Resource Economics	Integration of host plant resistance with immunity modification for management of established and emerging virus threats to melons
Daniel Sumner		Ag & Resource Economics	The Economic Contributions of California Agriculture
J Taylor		Ag & Resource Economics	Modeling the Local-economy Impacts of Kenya's Home Grown School Meals Programme
Stephen Vosti		Ag & Resource Economics	Phase III of the micronutrient intervention modeling project (MINIMOD) in Ethiopia
Bernadette Austin		Agr & Env Sci Deans Office	PHA - Discriminatory Marijuana Criminalization in California
Bernadette Austin		Agr & Env Sci Deans Office	Mapping Inclusionary Programs
Catherine Brinkley	Bernadette Austin	Agr & Env Sci Deans Office	CARB: Best Practices and Capacity Building for Local Government Implementation of Climate Action Policies
Clare Cannon	Bernadette Austin	Agr & Env Sci Deans Office	Data Analysis and Evaluation of Environmental Education Resources and Citizen and Community Science at Clear Lake

Kristine Godfrey		Agr & Env Sci Deans Office	Infrastructure Support for CRB-Funded Research on the Huanglongbing/Asian Citrus Psyllid Pathosystem
Kristine Godfrey		Agr & Env Sci Deans Office	Develop therapies using a novel class of citrus-derived dual-functional antimicrobial peptides to cure HLB-positive trees and to protect healthy trees from infection
Kristine Godfrey		Agr & Env Sci Deans Office	Can current program traps used to monitor ACP also provide reliable early detection of HLB?
Jonathan London		Agr & Env Sci Deans Office	San Joaquin Valley Issue Briefs
Jonathan London		Agr & Env Sci Deans Office	Research on Groundwater Management Agencies in California
Michele Barbato	Adrienne Nishina	Air Quality Research Center	Assessment and Mitigation of Wildfire-induced Air Pollution
Michele Barbato		Air Quality Research Center	Support for the UC Davis-led UC-NL CRT 2020 UCOP Lab Fees project: Assessment and Mitigation of Wildfire-Induced Air Pollution
Keith Bein	Anthony Wexler	Air Quality Research Center	Biomimetic Carbon Capture Compounds: Non-toxic Substitutes for Amines
Ann Dillner		Air Quality Research Center	Research and Development to Support the Interagency Monitoring of Protected Visual Environments (IMPROVE) - Enhancing the Quality and Scope of Aerosol Data Collection
Ann Dillner		Air Quality Research Center	Associating Airborne Particle Types with Adverse Health Outcomes Using the Multi-Angle Imager for Aerosols (MAIA)
Ann Dillner		Air Quality Research Center	Associating Airborne Particle Types with Adverse Health Outcomes Using the Multi-Angle Imager for Aerosols (MAIA)
Ann Dillner	Nicole Hyslop	Air Quality Research Center	Research and Development to Support the Interagency monitoring of Protected Visual Environments (IMPROVE)
Marc Fischer		Air Quality Research Center	Quantification of Methane from California's Plugged&Abandoned (AP) O&G Wells: Effects of Land Subsidence and Other Factors
Marc Fischer		Air Quality Research Center	Evaluating Temporal Patterns of Natural Gas Consumption in US Residential Water Heaters and Boilers
Frank Mitloehner	Ramin Yazdani	Air Quality Research Center	Emissions of Greenhouse Gas and Criteria pollutants from Dairy Manure Pre and Post Anaerobic Digestion
Sean Raffuse		Air Quality Research Center	Improving Fire Activity and Smoke Emissions Modeling
Sean Raffuse		Air Quality Research Center	Improving Fire Activity and Smoke Emissions Modeling
Anthony Wexler		Air Quality Research Center	Assessing Cooling Tower PM2.5 and PM10 Emissions using Advanced Instrumentation, Plume Transects, and Plume Modeling
Anthony Wexler		Air Quality Research Center	Design and Development of an Instrument for Toxic-Metal Aerosol Real Time Analysis (TARTA)

Anthony Wexler	Yongjing Zhao	Air Quality Research Center	Yolo County Department of Community Services to measure emissions from the Yolo landfill
Hao Cheng		Animal Science	Rescuing the Fixed Deleterious Alleles for Genome-enabled Micronutrient Improvement in Maize
Hao Cheng		Animal Science	NIFA AG2PI Collaborative: Seeding the Future of Agricultural Genome to Phenome Research for Crops and Livestock
Fred Conte		Animal Science	Western Regional Aquaculture Center - 29th Annual Work Plan (FY16) RENEWAL
Fred Conte		Animal Science	Western Regional Aquaculture Center: Determining Causes, Costs and Benefits of Triploidization to Improve Sturgeon Caviar Production
Mark Cooper	Deanne Meyer	Animal Science	Regional Dairy Farmer-to-Farmer AMMP Project Tours and Awareness Outreach
Anna Denicol		Animal Science	Breeding Holstein cows for heat tolerance using the slick hair gene
E Depeters	James Oltjen	Animal Science	Almond Hulls as an effective and digestible source of neutral detergent fiber in lactating dairy cow diets
E Depeters	Frank Mitloehner	Animal Science	Assessing the Importance of By-product Feedstuffs to Livestock and the Environment in California
Amanda Finger	Bernard May	Animal Science	Environmental DNA assays for listed vernal pool branchiopods and biodiversity assessment: Applications for range-wide surveys and conservation prioritization
Amanda Finger		Animal Science	Phylogenetic Analysis of Vernal Pool Branchiopods in California
Amanda Finger	Andrea Schreier	Animal Science	Development of an adaptive reintroduction plan for the Delta smelt
Amanda Finger	Andrea Schreier	Animal Science	Development of an adaptive reintroduction plan for the Delta smelt
Amanda Finger		Animal Science	Genetic Identification of San Francisco Estuary Fishes
Amanda Finger	Andrea Schreier	Animal Science	Genomic history and restoration of the Paiute cutthroat trout
Amanda Finger		Animal Science	Wall Canyon Sucker Genetics
Amanda Finger	Andrea Schreier	Animal Science	The molecular basis of hatchery adaptation in Delta Smelt
Amanda Finger		Animal Science	Genetic Analysis of Relict Dace - Stratton Ranch
Amanda Finger	Matthew Campbell	Animal Science	Lahontan Cutthroat Trout Genetics
Amanda Finger		Animal Science	Developing SNP Panels for lahontan cutthroat trout
Jackson Gross		Animal Science	Commercial Aquaculture Stewardship Guidelines and Best Management Practices
Jackson Gross		Animal Science	Western Regional Aquaculture Center - 31st Annual Work Plan (FY18)
Jackson Gross		Animal Science	Western Regional Aquaculture Center-31st Annual Work Plan FY18 RENEWAL

Joshua Hull		Animal Science	Quantifying the frequency and effects of secondary exposure to rodenticides in barn owls
Joshua Hull		Animal Science	Investigation of the interaction between rodenticide secondary exposure and barn owls in effective control of vertebrate pest populations
Joshua Hull		Animal Science	Quantifying the frequency and effects of secondary exposure to rodenticides in barn owls
Ermias Kebreab		Animal Science	Feed Formulation Variability and Environmental Impact Analysis
Ermias Kebreab		Animal Science	Creating Corn Premiums through Precision Conservation and Sustainability Documentation
Ermias Kebreab		Animal Science	Strategies to Reduce Methane Emissions from Enteric and Lagoon Sources
Ermias Kebreab		Animal Science	EQUIP-Strengthening smallholder livestock systems for the future
Ermias Kebreab		Animal Science	Development of the enteric methane emissions inventory for cattle in Mexico through in vivo and in silico methodologies
Ermias Kebreab		Animal Science	Network for Mitigation of Enteric Methane, Ammonia, and Nitrous Oxide Emissions from Ruminant Livestock
Ermias Kebreab		Animal Science	Creating Corn Premiums through Precision Conservation and Sustainability Documentation
Ermias Kebreab		Animal Science	Quantitative analysis of the enteric methane mitigation potential of feed additives for dairy cattle
Ermias Kebreab		Animal Science	Creating Corn Premiums through Precision Conservation and Sustainability Documentation
Ermias Kebreab		Animal Science	Development of the California Dairy Emission Model
Ermias Kebreab		Animal Science	Productivity, animal welfare, and environmental implications of weather variability for US dairy systems
Ermias Kebreab		Animal Science	Creating Corn Premiums through Precision Conservation and Sustainability Documentation 20/21
Ermias Kebreab		Animal Science	Evaluation of Enteric Methane Reduction Protocol Issues
Ermias Kebreab	Selina Wang	Animal Science	Characterizing and quantifying grape marc in reducing enteric methane emissions
Ermias Kebreab		Animal Science	Creating Corn Premiums through Precision Conservation and Sustainability Documentation FY21-22
Ermias Kebreab		Animal Science	Statistical analysis of dairy cow diet re-formulation to mitigate enteric methane

Ermias Kebreab	Daniel Sumner	Animal Science	Optimum Dairy Methane Reduction Pathways - Maximizing Cost Effective Solutions 21/22
Ermias Kebreab		Animal Science	Effectiveness of a Plant Extract Mixture Supplementation on Enteric Methane Emissions
Ermias Kebreab		Animal Science	Evaluation of feed additives at a commercial farm
Ermias Kebreab		Animal Science	Development of a Testing Standard and a Mechanistic Model for Enteric Fermentation Methane Emissions
Dietmar Kueltz		Animal Science	NSF-IOS-BSF: Biochemical and genetic basis of salinity tolerance in tilapia
Elizabeth Maga	Kristina Horback	Animal Science	Reduction of androgens by gene editing for the genetic containment of livestock
Elizabeth Maga	Pablo Ross	Animal Science	Multiplexed gene editing in livestock embryonic stem cells
Elizabeth Maga		Animal Science	Validating Nitrogen Fixing Ability of Previously Identified Microorganisms in Manure
Elizabeth Maga		Animal Science	Gyrencephalic Model for Neurodevelopmental Disease and Postnatal Cortical Therapeutic Interventions
Mariah Meek		Animal Science	Genetic Analysis of Bay-Delta Chinook Salmon
Deanne Meyer		Animal Science	Climate Impact of Manure Management from California Dairies
Deanne Meyer	Daniel Sumner	Animal Science	An economic evaluation of strategies for methane emission reduction effectiveness and appropriateness in California dairies
Deanne Meyer	Marc Fischer	Animal Science	Assessment of greenhouse gas emissions and air quality benefits of dairy digester installation in California
Deanne Meyer	Sat Darshan Khalsa	Animal Science	California Scope of work for Dairy Research Institute FFAR project: US Dairy Net Zero Initiative
Michael Miller		Animal Science	Genetic and Propagation Plans for Devils Hole Pupfish
Michael Miller		Animal Science	Genetic analysis of Chinook Salmon from New Zealand and the Sacramento Basin
Michael Miller		Animal Science	Genetic analysis of juvenile steelhead from the North Umpqua River to determine the spawning and rearing distribution of the summer and winter runs.
Frank Mitloehner		Animal Science	Benchmarking of pre-AMMP dairy emissions
Frank Mitloehner	Michael Kleeman	Animal Science	Benchmarking of Post-AMMP Dairy Emissions and Prediction of Related Long-term Airshed Effects
Frank Mitloehner		Animal Science	Benchmarking of Emissions from Post Application of Compost Pack Barn and Pastures in Two California Dairies

Frank Mitloehner		Animal Science	Effect of Ractopamine Hydrochloride on Growth Performance, Carcass Characteristics, and Environmental Gas Emissions in Feedlot Steers
Frank Mitloehner		Animal Science	Growth performance, carcass characteristics, NH ₃ and N ₂ O emissions from finishing steers receiving varying levels of RAP:MCP
Frank Mitloehner		Animal Science	Evaluation of California's Timeline for Reaching Climate Neutrality
Anita Oberbauer		Animal Science	California Spotted Owl Demography and Monitoring
Anita Oberbauer	Joshua Hull	Animal Science	California Spotted Owl Demography and Monitoring
Anita Oberbauer	Joshua Hull	Animal Science	Effects of Forest Management, Barred Owls and Ecological Stressors on Raptors in the Sierra Nevada: 20-PA-11272138-055
James Oltjen		Animal Science	Sustainability of Beef Production in the United States Quantification of Human Edible Inputs, Protein Quality, and Allocation of Methane Production
James Oltjen		Animal Science	An environmental and economic life cycle assessment of U.S. ground beef compared to plantbased and lab cultured meat alternatives
James Oltjen		Animal Science	How Advances in Animal Efficiency and Management Have Affected Beef's Water Intensity Across the Country: 1993 Compared to 2020
Andrea Schreier		Animal Science	Ploidy Screening and Genetic Analysis of Snake River White Sturgeon Conservation Aquaculture Programs
Andrea Schreier		Animal Science	Ploidy Screening and Genetic Analysis of Snake River White Sturgeon Conservation Aquaculture Programs
Andrea Schreier		Animal Science	Development of SHERLOCK for Chinook and Other Species
Andrea Schreier		Animal Science	Development of eDNA protocol to detect pre-smolt Chinook salmon in Upper San Francisco Estuary marsh habitat
Andrea Schreier		Animal Science	Genetic monitoring and validation of parentage based tagging methods for the Kootenai Tribe of Idaho white sturgeon conservation aquaculture program - Project Task Order No. 3
Andrea Schreier		Animal Science	SOW 4: Applying SNP markers to estimate the number of spawners contributing to the Hells Canyon white sturgeon population
Andrea Schreier		Animal Science	Western Regional Aquaculture Center - 29th Annual Work Plan (FY16) RENEWAL
Andrea Schreier	Raman Nagarajan	Animal Science	Increasing Delta Smelt eDNA Detection Efficiency and Sensitivity using CRISPR Technology
Andrea Schreier		Animal Science	Estimation of spawner number and larval drift in the Canadian and American Upper Columbia River white sturgeon repatriation programs

Andrea Schreier		Animal Science	Genetic monitoring and validation of parentage-based tagging methods for the Kootenai Tribe of Idaho white sturgeon conservation aquaculture program
Andrea Schreier		Animal Science	Western Regional Aquaculture Center: Determining causes, costs and benefits of triploidization to improve sturgeon caviar production
Andrea Schreier	Amanda Finger	Animal Science	Producing Novel Genome-Level Resources for Vernal Pool Crustaceans of Conservation Concern in California
Andrea Schreier		Animal Science	Genetic monitoring and continued validation of parentage-based tagging methods for the Kootenai Tribe of Idaho white sturgeon conservation aquaculture program
Andrea Schreier	Raman Nagarajan	Animal Science	Non-Invasive Environmental DNA Monitoring to Support Tidal Wetland Restoration
Andrea Schreier		Animal Science	Using eDNA metabarcoding and CRISPR based technology to inventory vernal pools on USFWS refuge lands
Andrea Schreier		Animal Science	Genetic monitoring and final validation of parentage-based tagging methods for the Kootenai Tribe of Idaho white sturgeon conservation aquaculture program 2022
Andrea Schreier	Nann Fangue	Animal Science	Development of Genetic Assays to Improve Monitoring of Aquatic Species in the Sacramento-San Joaquin Delta
Anne Todgham		Animal Science	Collaborative Research: Uncovering the Role of Sirtuins in Linking Food Availability and Stress Tolerance Through Multi-Scale Signaling Networks in Mussels
Anne Todgham		Animal Science	Interacting stressors: metabolic capacity to acclimate under ocean warming and CO2-acidification in early developmental stages of Antarctic fishes
Anne Todgham		Animal Science	Interacting stressors: metabolic capacity to acclimate under ocean warming and CO2-acidification in early developmental stages of Antarctic fishes
Anne Todgham		Animal Science	Understanding the mechanisms leading to cannibalism in burbot
Anne Todgham		Animal Science	Western Regional Aquaculture Center - 29th Annual Work Plan (FY16) RENEWAL
Anne Todgham	Nann Fangue	Animal Science	The significance of turbidity in safeguarding Delta Smelt from predation: growth, development, behavior and predation
Anne Todgham		Animal Science	Western Regional Aquaculture Center: Determining causes, costs and benefits of triploidization to improve sturgeon caviar production

Alison Van Eenennaam		Animal Science	Social Interaction and Consumer Acceptance of Genome Editing in Domestic Livestock
Xiang Yang	James Oltjen	Animal Science	Assessment of Antimicrobial Resistance in Beef Cattle in California
Xiang Yang	Jackson Gross	Animal Science	Western Regional Aquaculture Center - 31st Annual Work Plan (FY18)
Gail Feenstra	Penelope Leff	Anr Sustainable Ag Prog	Critical Success Factors for Small and Medium-Sized Farms with Direct Sales and Agritourism
Gail Feenstra		Anr Sustainable Ag Prog	Petaluma Bounty Farmers Market Promotion Program
Patrick Huber	Allan Hollander	Anr Sustainable Ag Prog	Human health and ecosystem services as part of a sustainability assessment of the Sacramento region
Patrick Huber		Anr Sustainable Ag Prog	Geospatial Analysis and Natural Resource Conservation Assessment for the SACOG Region
Patrick Huber		Anr Sustainable Ag Prog	SGC Project with Department of Water Resources
Patrick Huber		Anr Sustainable Ag Prog	Mitigation Wizard Support
Kate Scow	Cassandra Swett	Anr Sustainable Ag Prog	Integrating cover crops and soil amendments into conventional processing tomatoes to improve soil health and water management
Kate Scow	Nicole Tautges	Anr Sustainable Ag Prog	Effects of irrigation and management practices on salinity and soil health in processing tomatoes
Suad Joseph	Bryan Jenkins	Anthropology	Sustainability Research and Training Program (SRTP)
Suad Joseph	Giovanni Circella	Anthropology	Travelers' Response to Innovative Technology and Sustainability Policies in an Energy-Efficient Development in Dubai: The Sustainable City
Suad Joseph	Stephen Wheeler	Anthropology	GREENER CITIES ARE COOLER CITIES: Using Vegetated Green Infrastructure to Mitigate Urban Micro-climates in Desert Urban Landscapes
James Smith		Anthropology	Inter-scalar Responses to International Supply Chain Regulation
James Smith		Anthropology	Inter-scalar Responses to International Supply Chain Regulation
Md Shamim Ahamed	Kevin Novan	Biological & Ag Engineering	Techno-economic Analysis of Ground Source Heat Pump System for Nursery Greenhouse in California
Irwin Donis-Gonzalez	Edward Spang	Biological & Ag Engineering	A Novel Desiccant System Enable Energy-Efficient Drying to Reduce Post-harvest Loss of Agricultural Commodities and Foods
Irwin Donis-Gonzalez		Biological & Ag Engineering	Updating ANR Pub 21614 - Refrigerated Trailer Transport of Perishable Products
Irwin Donis-Gonzalez		Biological & Ag Engineering	Large-scale industry (real-life) implementation, and feasibility of the 2-stage walnut drying/ventilated storage systems/protocol

Fadi Fathallah		Biological & Ag Engineering	Labor, Production, Hurricane, and Environmental Aspects of Compact Bed Plasticulture
Fadi Fathallah	Esmeralda Mandujano	Biological & Ag Engineering	Western Regional Agricultural Stress Assistance Program (WRASAP)
Fadi Fathallah		Biological & Ag Engineering	Farmer, Rancher, Stress, Assistance, Network (FRSAN) Program - a component of CalHope SDA PROJECT
Durham Giles		Biological & Ag Engineering	Targeted, Spot Spraying of Rice Weeds from Remotely-Piloted Aircraft
Tien-Chieh Hung	Amanda Finger	Biological & Ag Engineering	Delta Smelt Research and Refuge Population Development
Tien-Chieh Hung	Tewdros Ghebremariam	Biological & Ag Engineering	Assessment of domestication selection in captive populations of delta smelt
Tien-Chieh Hung	Tewdros Ghebremariam	Biological & Ag Engineering	Determination of Delta Smelt spawning behavior using cultured fish to inform future spawning habitat restoration
Tien-Chieh Hung	Amanda Finger	Biological & Ag Engineering	Conservation Hatchery Operation for Delta Smelt Refuge Population Maintenance and Research Projects Support
Bryan Jenkins		Biological & Ag Engineering	An online application for decision support in siting woody biomass-to-electricity facilities in California
Bryan Jenkins		Biological & Ag Engineering	Optimizing end-use applications of almond and walnut shells by carbonization and carbon activation
Bryan Jenkins		Biological & Ag Engineering	Production of Pipeline Grade Renewable Natural Gas and Value- Added Chemicals from Forest Biomass Residues
Bryan Jenkins		Biological & Ag Engineering	Integrated Application Development of a Digital Marketplace for Woody Residue
Farzaneh Khorsandi Kouhanestani	Fadi Fathallah	Biological & Ag Engineering	Capabilities and Limitations of Youth Operating Agricultural All-Terrain Vehicles
Farzaneh Khorsandi Kouhanestani		Biological & Ag Engineering	Capabilities and Limitations of Youth Operating Agricultural All-Terrain Vehicles
Zhongli Pan	Ragab Gebreil	Biological & Ag Engineering	Developing a hurdle technology of sequential ozone and infrared treatment for improved safety and quality of dried fruit
Zhongli Pan		Biological & Ag Engineering	Development of new walnut drying methods for reduced drying time and energy usage
Zhongli Pan		Biological & Ag Engineering	Development of efficient drying methods for off-ground harvested almonds
Zhongli Pan		Biological & Ag Engineering	Optimization of drying conditions for off-ground harvested almonds using trailer dryers
Zhongli Pan		Biological & Ag Engineering	Developing an efficient drying technology for simultaneous disinfestation and disinfection of off-ground harvested almonds

Zhongli Pan		Biological & Ag Engineering	Demonstration of high temperature drying for off-ground harvested almonds to achieve high throughput and disinfestation
Zhongli Pan		Biological & Ag Engineering	Determination of Fumigant Reduction by Using Wireless Smart Technology for Early Detection of Insect Activity in Rice during Storage
Alireza Pourreza		Biological & Ag Engineering	Improving Date Palm Water Use Efficiency through Updated Crop Water Use information and Irrigation Practices
Alireza Pourreza		Biological & Ag Engineering	Irrigation Training Program-Almond, Citrus, Grapes, Pistachio, and Walnut
Alireza Pourreza		Biological & Ag Engineering	Decision Support Tools for Spatiotemporal Integration of Citrus Virtual Orchard and Soil Sensing.
Alireza Pourreza	Farzaneh Khorsandi kouhanestani	Biological & Ag Engineering	Development of Spray Backstop: a low-maintenance system to reduce spray drift without limiting the spray and air delivery
Alireza Pourreza		Biological & Ag Engineering	Novel smartphone vision tool to improve spider mite monitoring in strawberry and almond
David Slaughter		Biological & Ag Engineering	Crop Signaling for Automated Weed/Crop Differentiation and Mechanized Weed Control in Vegetable Crops
David Slaughter		Biological & Ag Engineering	High-throughput in-field phenotyping systems to accelerate breeding of climate-resilient vegetable crops
Gang Sun		Biological & Ag Engineering	Performance Improvement of Personal Protective Equipment (PPE) for Healthcare Workers
Jean Vandergheynst	Brendan Higgins	Biological & Ag Engineering	Managing Mixotrophic Algae Cultivation for Efficient Water Treatment and Biofuel Production
Jean Vandergheynst		Biological & Ag Engineering	The impact of almond by-product composition and nitrogen amendment on black soldier fly cultivation and quality
Stavros Vougioukas	David Slaughter	Biological & Ag Engineering	NRI-Small: FRAIL-bots: Fragile cRop hArvest-aiding mobiLe Robots
Stavros Vougioukas		Biological & Ag Engineering	NRI: Collaborative research: RAPID: Robot-assisted precision irrigation delivery
Stavros Vougioukas		Biological & Ag Engineering	Study on Mechanical Mass-Harvesting of Cling Peaches
Ruihong Zhang	Bryan Jenkins	Biological & Ag Engineering	Recycling Nut and Other Organic Waste on Farms for Sustainable Nutrient Management and Nematode Control
Ruihong Zhang	Hamed Elmashad	Biological & Ag Engineering	Production of Antioxidants and Fungal Biomass from Almond Hulls for Animal Feed Application
Ruihong Zhang	Frank Mitloehner	Biological & Ag Engineering	Carbon Sequestration and Soil Health Improvement in Almond Orchards by Using Dairy Manure Compost

Ruihong Zhang	Hamed Elmashad	Biological & Ag Engineering	Demonstration of an Advanced Dairy Manure Management System for Reducing Greenhouse Gas Emissions and Producing Valuable Products
Ruihong Zhang	Frank Mitloehner	Biological & Ag Engineering	Carbon Sequestration and Soil Health Improvement in Almond Orchards Using Dairy Manure and Woody Biomass Compost
Ruihong Zhang	Frank Mitloehner	Biological & Ag Engineering	Production of Dairy Manure and Almond Wood Compost for Healthy Soils
Ruihong Zhang	Michael Fan	Biological & Ag Engineering	Demonstration of a Mobile Digestate Processing System to Maximize Food Waste Diversion and Create Valuable Biofertilizer Products
Ruihong Zhang	Ermias Kebeab	Biological & Ag Engineering	Effect of Almond Hulls on Reduction of Enteric Methane Emissions from Cattle
Ruihong Zhang	Hamed Elmashad	Biological & Ag Engineering	Production of Pathogen-Free Pelletized and Granulized Products from Manure Solids Collected on Dairies 2022/2023
Steven George	Alyssa Panitch	Biomedical Engineering	A 3D in vitro disease model of atrial conduction
Sun Il Kwon	Simon Cherry	Biomedical Engineering	Time-of-flight positron emission tomography using Cerenkov luminescence in bismuth germanate
Sun Il Kwon	Simon Cherry	Biomedical Engineering	High-performance and cost-effective detector modules based on ultra-dense and fast ceramic scintillator for long axial field-of-view positron emission tomography
Jamal Lewis	Athena Soulika	Biomedical Engineering	Particulate-based in vivo modulation for immunotherapy of Rheumatoid Arthritis
Jinyi Qi		Biomedical Engineering	Synergistic integration of deep learning and regularized image reconstruction for positron emission tomography
Douglas Stephens		Biomedical Engineering	Large aperture and wideband modular ultrasound arrays for the diagnosis of liver cancer
Kristin Aquilino	Brian Gaylord	Bodega Marine Laboratory	Adapting red abalone aquaculture for a changing ocean
Kristin Aquilino	Gary Cherr	Bodega Marine Laboratory	Optimizing temperature and disease management for captive abalone reproduction in restoration and commercial aquaculture programs
Kristin Aquilino	Eric Sanford	Bodega Marine Laboratory	Assessing the combined effects of ocean acidification and warming on disease susceptibility and restoration success of the critically endangered white abalone
Kristin Aquilino	Gary Cherr	Bodega Marine Laboratory	Recovery of a NOAA Spotlight Species: White abalone restoration through collaborative captive breeding and stocking
Alyssa Braciszewski	Kristin Aquilino	Bodega Marine Laboratory	Improving captive production of farmed and endangered abalone through reproductive and nutritional physiology

Colleen Burge		Bodega Marine Laboratory	Transmission Pathways of Seagrass Wasting Disease in Coastal Meadows
Gary Cherr		Bodega Marine Laboratory	CEIN: Predictive Toxicology Assessment & Safe Implementation of Nanotechnology in the Environment
Brian Gaylord		Bodega Marine Laboratory	Trophic consequences of ocean acidification: Intertidal sea star predators and their grazer prey
Brian Gaylord		Bodega Marine Laboratory	Wave Attenuation and Chemical Buffering: Determining Ecosystem Services of Giant Kelp to Southern California
Brian Gaylord	Aurora Ricart	Bodega Marine Laboratory	A multi-pronged approach to kelp recovery along California's north coast
Brian Gaylord		Bodega Marine Laboratory	INVERTEBRATE CALCIFICATION AND BEHAVIOR IN SEAWATER OF DECOUPLED CARBONATE CHEMISTRY
Tessa Hill		Bodega Marine Laboratory	Humboldt Ocean Carbon Observatory
Tessa Hill		Bodega Marine Laboratory	Context and scale of seagrass effects on estuarine acidification in natural and restored seagrass beds
Tessa Hill	Brian Gaylord	Bodega Marine Laboratory	Assessment of Water Quality Conditions in and around Seven California Coastal National Parks and Ocean Acidification Synthesis for Four West Coast Parks
Tessa Hill	Brian Gaylord	Bodega Marine Laboratory	The Geography of Stress: Impacts of Ocean Acidification Along the CA Coast
Tessa Hill	Brian Gaylord	Bodega Marine Laboratory	Oceanographic and Ecological Insights for Decision Making on Ocean Acidification
Tessa Hill		Bodega Marine Laboratory	Co-operative Research in Marine Geology, Geophysics, and Oceanography
John Largier		Bodega Marine Laboratory	Agreement for the Study of Russian River Estuary Circulation and Water Quality Monitoring (Seasons 2014 through 2016)
John Largier		Bodega Marine Laboratory	CeNCOOS: Developing the Central and Northern California Ocean Observing System
John Largier		Bodega Marine Laboratory	EESLR 2016: Marshes on the margins: Developing adaptation strategies for tidal wetlands in southern California
John Largier		Bodega Marine Laboratory	Agreement for the Study of Russian River Estuary Circulation and Water Quality Monitoring (Seasons 2014 through 2016)
John Largier	Tessa Hill	Bodega Marine Laboratory	CeNCOOS: Developing the Central and Northern California Ocean Observing System
John Largier		Bodega Marine Laboratory	EESLR 2016: Marshes on the margins: Developing adaptation strategies for tidal wetlands in southern California

John Largier		Bodega Marine Laboratory	Climate Change Effects on Sediment Transport to Coast
John Largier		Bodega Marine Laboratory	San Francisco Estuary Nutrient and Ocean Acidification Data Analysis
John Largier	Bryn Phillips	Bodega Marine Laboratory	The Central and Northern California Ocean Observing System: Information solutions to power healthy and prosperous oceanic, coastal and estuarine communities
Steven Morgan		Bodega Marine Laboratory	Collaborative fisheries MPA monitoring in the North Central Coast MLPA region
Steven Morgan		Bodega Marine Laboratory	Collaborative fisheries MPA monitoring in the North Central Coast MLPA region
Steven Morgan		Bodega Marine Laboratory	California Collaborative Fisheries Research Program - Monitoring and Evaluation of California Marine Protected Areas
Steven Morgan		Bodega Marine Laboratory	Collaborative fisheries MPA monitoring in the North Central Coast MLPA region
Steven Morgan		Bodega Marine Laboratory	California Collaborative Fisheries Research Program-Monitoring and Evaluation of California Marine Protected Areas
Laura Rogers-Bennett		Bodega Marine Laboratory	Collaborative Research: The effects of marine heatwaves on reproduction, larval transport and recruitment in sea urchin metapopulations
Eric Sanford	Andrew Whitehead	Bodega Marine Laboratory	Developing resilience to ocean acidification in red abalone aquaculture
John Stachowicz		Bodega Marine Laboratory	Using transgenerational plasticity as an adaptation measure for ocean acidification impacts to abalone aquaculture
Beate Crossley		CA Animal Hlth&Food Safety Lab	NAHLN: CA
Beate Crossley		CA Animal Hlth&Food Safety Lab	Enhancing the National Animal Health Laboratory Network (NAHLN) Diagnostic Capability and Emerging Disease preparedness through Next-Generation Sequencing
Beate Crossley		CA Animal Hlth&Food Safety Lab	NAHLN: CAHFS
Heather Fritz		CA Animal Hlth&Food Safety Lab	Investigating Alternative Methods for Regression Analysis for MIC Data of Bacterial Bovine Respiratory Disease Pathogens
Robert Poppenga		CA Animal Hlth&Food Safety Lab	Validation of Carbamate Pesticide Screen for VetLIRN Network
Francisco Uzal		CA Animal Hlth&Food Safety Lab	Mechanisms of Action of C. Perfringens Enterotoxin

Francisco Uzal		CA Animal Hlth&Food Safety Lab	Evaluating the Clostridium perfringens Agr-like Quorum Sensing System as a Therapeutic Target
Francisco Uzal		CA Animal Hlth&Food Safety Lab	Mechanism of action of C. perfringens enterotoxin
David Corina	Lee Miller	Center for Mind & Brain	Determinants of Cross Modal Plasticity in Children with Cochlear Implants
Joy Geng	Simona Ghetti	Center for Mind & Brain	LEVERAGING VIRTUAL REALITY TO UNLOCK INTERACTIONS BETWEEN ATTENTION AND MEMORY IN CHILDREN AND ADULTS
Simona Ghetti	Nicole Glaser	Center for Mind & Brain	Planning for a Cohort Study on Neurocognitive Complication of Type 1 Diabetes in Children
Kristin Lagattuta		Center for Mind & Brain	How Children and Adults Integrate Past Emotion- Eliciting Events to Forecast the Future: Links to Attachment Security and Mental Health
Steven Luck	Joy Geng	Center for Mind & Brain	Using population vectors to understand visual working memory for natural stimuli
Lee Miller	Hilary Brodie	Center for Mind & Brain	Rapid, multi-leveled assessment of hearing dysfunction in operational and post-deployment environments
Marie Burns	Robert Zawadzki	Center for Neuroscience	Microglial Activation during Photoreceptor Degeneration
Marie Burns	Edward Pugh Jr.	Center for Neuroscience	Microglial Activation during Photoreceptor Degeneration
Cameron Carter		Center for Neuroscience	Pathophysiology of Cognitive Disability in Schizophrenia
William DeBello		Center for Neuroscience	From Microscale Structure to Population Coding of Normal and Learned Behavior
Charan Ranganath		Center for Neuroscience	Naturalistic Event Representation as a Novel Biomarker of Preclinical Alzheimer's Disease
Anne Usrey	Gabrielle Sell	Center for Neuroscience	MHCI and synapse loss in Alzheimer's disease models
Brian Wiltgen		Center for Neuroscience	The contribution of the hippocampus to learned opiate tolerance
Helen Dahlke	Laura Foglia	Center for Watershed Sciences	Colusa County Multi-Benefit, On-Farm Managed Aquifer Recharge Project
John Durand	Brian Todd	Center for Watershed Sciences	UCD Suisun Marsh Study: Contributions of novel habitat to historic ecosystem functioning and services
John Durand	John Durand	Center for Watershed Sciences	Striped Bass:Population dynamics and ecology of an iconic alien species
John Durand		Center for Watershed Sciences	Water quality and food production in response to water inputs and withdrawals at a tidal land-water interface
John Durand		Center for Watershed Sciences	Montezuma Wetlands Fish Study

John Durand		Center for Watershed Sciences	Cache Slough Water Quality, Productivity and Fisheries Study
Thomas Harter		Center for Watershed Sciences	Antidegradation Policy Tool for Predicting Nitrate In Domestic and Production Wells by Machine Learning Techniques
Rusty Holleman		Center for Watershed Sciences	San Francisco Bay and Sanctuaries Model
Rusty Holleman		Center for Watershed Sciences	Nutrient Management Strategy (NMS) Program Coordination
Rusty Holleman	John Largier	Center for Watershed Sciences	Pescadero Modeling Project for San Mateo Resource Conservation District: Modeling Current and Future Conditions in the Pescadero-Butano System
Carson Jeffres	Nicolas Corline	Center for Watershed Sciences	Floodplains, Tidal Wetlands, and the Dark Food web: determining the heterotrophic carbon contribution to higher level consumers
Carson Jeffres		Center for Watershed Sciences	Assessing the hydrology of the Sutter Bypass and tributaries as it pertains to the life history of Butte Creek spring-run Chinook salmon and other Central Valley juvenile salmonid populations
Carson Jeffres		Center for Watershed Sciences	Evaluating the Role(s) of the Butte Sink and Sutter Bypass for Butte Creek Spring-Run Chinook salmon and other Central Valley Juvenile Salmonid Populations
Carson Jeffres	Ryan Peek	Center for Watershed Sciences	A genoscape approach for fingerprinting floodplain food subsidies in the Central Valley: Using genomics to track <i>Daphnia pulex</i> connectivity
Carson Jeffres	Anna Sturrock	Center for Watershed Sciences	Synthesis of juvenile salmon growth, condition and Delta habitat use among extreme hydrological conditions (2020-2022)
Carson Jeffres	Anne Todgham	Center for Watershed Sciences	Rapid response to increase our understanding of the origins of thiamine deficiency in Central Valley Chinook salmon
Carson Jeffres		Center for Watershed Sciences	River Partners Willow Bend Floodplain Monitoring Project
Carson Jeffres	Rachel Johnson	Center for Watershed Sciences	The effects of climate change on the life history of spring-run Chinook Salmon through time
Carson Jeffres		Center for Watershed Sciences	Reconstructing Marine Food Webs for Salmon from archival tissues
Carson Jeffres		Center for Watershed Sciences	TO 32: Floodplain food web recorded in juvenile salmon eye lenses
Carson Jeffres	Rachel Johnson	Center for Watershed Sciences	Evaluation of origin and life-history strategies in Battle Creek spring-run Chinook salmon

Carson Jeffres		Center for Watershed Sciences	Natural markers to quantify population-level benefits of floodplains to salmon
Rachel Johnson		Center for Watershed Sciences	Life history diversity in Central Valley Butte Creek spring-run Chinook salmon population: implications for future management
Rachel Johnson	Anna Sturrock	Center for Watershed Sciences	Juvenile salmon distribution, abundance, and growth in restored and relict Delta marsh habitats
Rachel Johnson	Carson Jeffres	Center for Watershed Sciences	Assessing the isotopic variation in the Sutter Bypass to track floodplain rearing in Central Valley Chinook salmon
Sharon Lawler		Center for Watershed Sciences	Post fire ecology and habitat suitability evaluation for the proposed federally listed Sierra Nevada yellow-legged frog (SNYLF) on the Lassen and Plumas national forests
Jay Lund		Center for Watershed Sciences	Flow and Water Quality in the San Francisco Bay/Sacramento-San Joaquin Delta Estuary
Jay Lund	Nann Fanguie	Center for Watershed Sciences	Flow, Water Quality, and Aquatic Species in the San Francisco Bay/Sacramento-San Joaquin Delta Estuary Watershed
Jay Lund	Katrina Jessoe	Center for Watershed Sciences	Belmont Forum Collaborative Research Action on Towards Sustainability of Soils and Groundwater: WP4 Organizing stakeholder processes for co-building management strategies for GDSSES
Robert Lusardi		Center for Watershed Sciences	Baseline assessment of salmonid rearing habitat and growth in the Upper Sacramento River Watershed, above Shasta Reservoir
Robert Lusardi		Center for Watershed Sciences	Task 15: Coldwater and Wild Fish Research Lead
Robert Lusardi	Deborah McGinnis	Center for Watershed Sciences	French Creek Food Web Analysis
Robert Lusardi	Ann Willis	Center for Watershed Sciences	Klamath Dams Baseline Science, Cal Trout Task Order 24
Robert Lusardi		Center for Watershed Sciences	Defining the spatial and temporal extent of reservoir subsidies to regulated rivers and their role in riverine food webs: implications for managed ecosystems and water management flexibility
Ryan Peek	Michael Miller	Center for Watershed Sciences	Scaling Up from Individuals to Populations: Integrating Spatial Ecology with Multi-locus Environmental DNA to Improve Detection and Estimate Population Parameters
Ryan Peek		Center for Watershed Sciences	Foothill yellow-legged frog (<i>Rana boylei</i>) reintroduction feasibility study for the Southwestern California clade

Ryan Peek	Carson Jeffres	Center for Watershed Sciences	TO 29:A genoscape approach for fingerprinting floodplain food subsidies in the Central Valley: Using genomics to track zooplankton connectivity
Andrew Rypel		Center for Watershed Sciences	Using Agricultural Floodplains to Help Recover Native California Fish Populations
Andrew Rypel		Center for Watershed Sciences	Paired Salmon Release Study and Agriculture Practice Standard Development
Andrew Rypel		Center for Watershed Sciences	Using Rice Fields as Managed Floodplains to Help Recover Fish Populations
Andrew Rypel	Carson Jeffres	Center for Watershed Sciences	Refining a practice standard for conservation of salmon that volitionally access winter-flooded rice fields
Andrew Rypel	Christine Parisek	Center for Watershed Sciences	RAPID: Food webs of 10 lakes before and after a mega-wildfire
Andrew Rypel		Center for Watershed Sciences	A release study assessing the survival of juvenile spring-run Chinook salmon (<i>Oncorhynchus tshawytscha</i>) in the Upper Klamath River Basin to inform reintroduction
Ann Willis	Robert Lusardi	Center for Watershed Sciences	TO 19: South Fork Scott River and Shackelford Creek Monitoring for Adaptive Management Conservation Actions
Ann Willis		Center for Watershed Sciences	Scott River Tailings Restoration Design, Phase 2
Ann Willis	Robert Lusardi	Center for Watershed Sciences	TO 31: Lower Little Shasta Watershed Planning for Musgrave Diversion Remediation and Community Water Management
Ann Willis		Center for Watershed Sciences	TO 35: 319(h) water quality monitoring of Hart Ranch Restoration
Sarah Yarnell-Hayes	Robert Lusardi	Center for Watershed Sciences	Application of a Tiered Framework for Environmental Flow Recommendations to Support Flow Enhancement Implementation in two California Watersheds
Sarah Yarnell-Hayes		Center for Watershed Sciences	Planning for the restoration and management of Childs meadow watershed, Tehama county.
Sarah Yarnell-Hayes		Center for Watershed Sciences	Task Order 3: Van Norden Meadow Restoration and Monitoring Project
Sarah Yarnell-Hayes	Robert Lusardi	Center for Watershed Sciences	Resiliency of California fishes: Assessing native fish sensitivity to changes in wet and dry season baseflows
Bruce Gates		Chemical Engineering	Energy Frontier Research Center: Center for Inorganometallic Catalyst Design

Coleman Kronawitter	Ron Runnebaum	Chemical Engineering	Developing structure-function relationships for CO ₂ -assisted ethane dehydrogenation through zeolite-supported chromium sites
Ambarish Kulkarni		Chemical Engineering	Multicomponent H ₂ O-CO ₂ Adsorption in Zeolites
Ambarish Kulkarni		Chemical Engineering	CAREER: Designing 3-Dimensional Active Site Environments in Metal-Organic Frameworks for Oxygen Electrochemistry
Ambarish Kulkarni		Chemical Engineering	Project 44 - CO ₂ Adsorption/Desorption from Zeolites Under Humid Environments
Marjorie Longo	Cheemeng Tan	Chemical Engineering	Functional Biomembrane Architectures in Mesoporous Materials
Karen McDonald	Somen Nandi	Chemical Engineering	Proof of Concept Project for Transformation and Production of Therapeutic Proteins in Duckweed sp
Adam Moule	Mark Mascal	Chemical Engineering	SNM: High-throughput scalable nanomanufacturing of high-performance organic devices
Adam Moule	Alexandr Dudnik	Chemical Engineering	Light Trapping in charge transfer states for improved organic photovoltaic performance
William Ristenpart	Anthony Wexler	Chemical Engineering	Quantifying Environmental Variables Affecting Airborne Influenza Transmission
William Ristenpart		Chemical Engineering	Coffee Houses and COVID-19: A Tutorial on Airborne Disease Transmission and How to Run Your Café Safely
Jiandi Wan		Chemical Engineering	EAGER: Carbon dioxide (CO ₂) microbubbles-based ultrasonically responsive pressure sensor
Shota Atsumi		Chemistry	CAREER: Development Of A Platform For Cyanobacterial Chemical Production From CO ₂
Shota Atsumi	Louise Berben	Chemistry	Development of an Electro-biological Fermentation Technology for the Carbon Conserving Production of Industrial Chemicals
Louise Berben		Chemistry	C-H Bond Formation with CO ₂ : Toward Carbon Neutral Fuel Production
Louise Berben		Chemistry	Exploring Photocatalytic CO ₂ Reduction to Fuels with Small Molecular Iron Clusters
Louise Berben		Chemistry	C-H Bond Formation with CO ₂ : Toward Carbon Neutral Fuel Production
Louise Berben	Ambarish Kulkarni	Chemistry	Direct Production of Renewable Fuels and Chemicals from Captured CO ₂
Louise Berben		Chemistry	Energy Storage for Resilient Operations
R Britt		Chemistry	Multifrequency Pulsed EPR Studies of the Photosystem II Oxygen Evolving Complex
R Britt		Chemistry	CCI Solar Fuels
R Britt		Chemistry	Biogenic Transition Metal Oxides as Water-Oxidation Electrocatalysts

Kyle Crabtree		Chemistry	CAREER: Complex organic molecules in cold interstellar clouds- A laboratory kinetics study
Annaliese Franz	Alissa Kendall	Chemistry	Improving microalgae feedstock for biofuel production using CO2 and waste nutrients from anaerobic digesters
Annaliese Franz		Chemistry	REU Site: UC Davis ChemEnergy Research Experience for Undergraduates in Energy and Catalysis
Marie anne Heffern	Fawaz Haj	Chemistry	Metal Micronutrient Status as a Biomarker and Treatment Target for Obesity and Metabolic Disease
Marie anne Heffern		Chemistry	CAREER: Elucidating the Interaction Dynamics of Soil Metals with Flavonoids in the Plant Rhizosphere
Susan Kauzlarich		Chemistry	Earth Abundant High Temperature Materials for Radioisotope Power Conversion System
Delmar Larsen	Anthony Albano	Chemistry	Rebalancing the Equity Gap in Chemistry Education with Individualized Adaptive Learning
Mark Mascal		Chemistry	Sustainable Production of Fuels and Missile Propellants
Dylan Murray		Chemistry	Low-complexity domain protein molecular structure, conformational dynamics, and inter-protein interactions in human health and disease
Frank Osterloh		Chemistry	Surface Photovoltage Studies on Inorganic Tandem Photocatalysts for Overall Water Splitting
Dean Tantillo		Chemistry	Utility and Application of Unsaturated Acylammonium Salts in Organic Synthesis
Jesus Velazquez Mojica		Chemistry	Enabling Efficient and Selective Electroreduction of CO2 to Oxalates Over Compositionally Flexible Chalcogenide Electrocatalyst Frameworks
Lee-Ping Wang		Chemistry	Open data-driven infrastructure for building biomolecular force fields for predictive biophysics and drug design
Heather Bischel-Magnan		Civil & Environmental Engr	Removal of Pesticides from Agricultural Runoff in Bioreactors: A field and laboratory assessment of removal rates, mechanisms and enhanced design strategies
Heather Bischel-Magnan	Jonathan Herman	Civil & Environmental Engr	Flow cytometric monitoring of waterborne pathogens to facilitate water treatment and direct potable water reuse
Heather Bischel-Magnan		Civil & Environmental Engr	Viral Pathogen and Surrogate Approaches for Assessing Treatment Performance in Water Reuse
Heather Bischel-Magnan		Civil & Environmental Engr	Improving pandemic preparedness and healthy equity through wastewater-based epidemiology

Ross Boulanger		Civil & Environmental Engr	Specialized Dynamic Soil Testing and Analyses for Delta Levees
Ross Boulanger	Bruce Kutter	Civil & Environmental Engr	Natural Hazards Engineering Research Infrastructure: Experimental Facility with Geotechnical Centrifuges
Ross Boulanger	Bruce Kutter	Civil & Environmental Engr	Natural Hazards Engineering Research Infrastructure: Experimental Facility with Geotechnical Centrifuges
Ross Boulanger	Bruce Kutter	Civil & Environmental Engr	Natural Hazards Engineering Research Infrastructure: Experimental Facility with Geotechnical Centrifuges 2021-2025
Colleen Bronner		Civil & Environmental Engr	The Age of Sustainable Development
Christopher Cappa		Civil & Environmental Engr	Influence of atmospheric aging on fire-derived carbonaceous particles: Laboratory studies and modeling in support of FIREX
Christopher Cappa		Civil & Environmental Engr	Phase IIb - CCI Center for Aerosol Impacts on Chemistry of the Environment
Christopher Cappa	Qi Zhang	Civil & Environmental Engr	Characterizing the impact of water uptake on light absorption by aerosol particles
Christopher Cappa	Qi Zhang	Civil & Environmental Engr	Characterization of carbonaceous aerosols during TRACER-CAT
Christopher Cappa		Civil & Environmental Engr	Collaborative Research: Atmospheric Formation and Implications of Secondary Organic Aerosol from Glycols and Glycol Ethers
Jason Dejong	Ross Boulanger	Civil & Environmental Engr	Collaborative Research: Sampling And Sample Quality Assessment of Intermediate Soils
Jason Dejong		Civil & Environmental Engr	Project Title: A Multi-Scale Study to Evaluate the Performance of Embankments Comprised of Well-Graded Soils
Alexander Forrest	S Schladow	Civil & Environmental Engr	Local Government Fund CALRESA (California Rapid Environmental and Structural Assessment) for Water Infrastructure: a Community Resource
John Harvey	Sabbie Miller	Civil & Environmental Engr	Cellulose Nanocrystals as a Value-Based Additive for Low Carbon Footprint Concrete with Limestone
John Harvey		Civil & Environmental Engr	Development of a Web Based Life Cycle Assessment (LCA) Tool for Airports
Jonathan Herman		Civil & Environmental Engr	WRF: Collaborative Research: Extended-range forecasts of atmospheric rivers for adaptive management of flood risk, water supply, and environmental flows in California
Jonathan Herman		Civil & Environmental Engr	CAREER: Dynamic adaptation of water resources systems to navigate uncertain hydrologic and human stressors
Jonathan Herman		Civil & Environmental Engr	Coastal Storm Damages Prevented Phase III

Miguel Jaller Martelo		Civil & Environmental Engr	Collaborative Research: Wildland Urban Interface and the Built Environment: Design, Evacuation and Retreat Under No-Notice Fire Hazards
Miguel Jaller Martelo		Civil & Environmental Engr	Energy and Emissions from E-commerce: Implications for a Decarbonized Future
Boris Jeremic		Civil & Environmental Engr	Collaborative Research: Development of Realistic Seismic Input Motions for Improving the Resilience of Infrastructure Objects to Earthquakes
David Jones		Civil & Environmental Engr	Rapid Tests and Specifications for Construction of Asphalt-Treated Cold Recycled Pavements
M Kavvas		Civil & Environmental Engr	Evaluating Atmospheric Modeling to Predict Risk to Dams from Extreme Rainfall Events
M Kavvas	Ali Ercan	Civil & Environmental Engr	Study of Sediment Inflow into the Cache Creek Settling Basin on Cache Creek Watershed Hydrology, Sediment and Flow Reconstruction, and Select Routing of Flow and Sediment through the CCSB
M Kavvas		Civil & Environmental Engr	Study of Sediment Inflow into the Cache Creek Settling Basin on Cache Creek Watershed Hydrology, Sediment and Flow Reconstruction, and Select Routing of Flow and Sediment through the CCSB
M Kavvas		Civil & Environmental Engr	Estimation of Black Swan Flood Events Over California
M Kavvas	Nann Fanguie	Civil & Environmental Engr	State Water Project Hydraulics and Fisheries Field and Lab Study Plan Development Support
M Kavvas	Nann Fanguie	Civil & Environmental Engr	Evaluation of State Water Project and related waterways with respect to hydraulics, hydraulic infrastructure and fish protection
Alissa Kendall		Civil & Environmental Engr	Crop protection utilizing integrated pest management through early detection and identification of pathogens and predators
Alissa Kendall		Civil & Environmental Engr	Maximizing the Environmental Utility of Battery Storage
Alissa Kendall		Civil & Environmental Engr	Assessing Orchard Management Factors and Practices for Tradeoffs in Lifecycle
Alissa Kendall		Civil & Environmental Engr	Managing Motor Vehicle Stocks in Developing Countries and the Global Trade in 2nd-hand Vehicles and Vehicle Parts that Supply Them
Alissa Kendall		Civil & Environmental Engr	Developing Advanced Genetic and Synthetic Biology Tools for Improved Algae Productivity
Alissa Kendall		Civil & Environmental Engr	Globally Just US Transportation Decarbonization
Maureen Kinyua	Jesus Velazquez Mojica	Civil & Environmental Engr	Effect of operating parameters on compostable plastics

Michael Kleeman		Civil & Environmental Engr	Evaluation and Identification of Constituents found in Common Carrier Pipeline Natural Gas, Biogas and Upgraded Biomethane in California: Phase 3
Michael Kleeman		Civil & Environmental Engr	Direct Measurements of Ozone Sensitivity to Oxides of Nitrogen and Volatile Organic Compounds in the South Coast Air Basin
Michael Kleeman		Civil & Environmental Engr	Ambient Air Pollution and COVID-19 Disease Severity or Death among Confirmed Cases in Southern California.
Michael Kleeman		Civil & Environmental Engr	Ambient Air Pollution and COVID-19 in California
Michael Kleeman	Thomas Young	Civil & Environmental Engr	Biogenic vs. Anthropogenic VOC Analysis During Peak Ozone Events in the SoCAB
Michael Kleeman		Civil & Environmental Engr	Extreme weather, air pollution, and stroke among an aging female population
Michael Kleeman		Civil & Environmental Engr	Updating Welding Toxic Metal Emission Estimates in California
Sashi Kunnath	John Bolander	Civil & Environmental Engr	Assessment and Shear Strengthening of Existing Cast-In-Place and Precast Concrete Bridge Girders
Harold Leverenz		Civil & Environmental Engr	Identifying the Amount of Wastewater That Is Available and Feasible to Recycle in California
Harold Leverenz		Civil & Environmental Engr	Advanced Urinals and Water Conservation for Environmental Stewardship
Frank Loge		Civil & Environmental Engr	Winery water and energy savings
Frank Loge		Civil & Environmental Engr	Advancing demand response in the water sector
Frank Loge	Katrina Jessoe	Civil & Environmental Engr	Measurement & Verification of Water and Energy Savings
Jay Lund	Graham Fogg	Civil & Environmental Engr	CERC for water-energy solutions and technologies (CERC WEST)
Jay Lund	Graham Fogg	Civil & Environmental Engr	CERC for water-energy solutions and technologies (CERC WEST)
Elias Marvinney		Civil & Environmental Engr	Life Cycle Assessment (LCA) of Prune Production
Elias Marvinney		Civil & Environmental Engr	Life Cycle Assessment (LCA) of Prune Production
Elias Marvinney		Civil & Environmental Engr	Life Cycle Assessment of Environmental Impacts and Tradeoffs for Certified Organic Practices in Key Specialty Crops
Sarah Miller		Civil & Environmental Engr	Feasibility analysis of rice-ash valorization in concrete
Sabbie Miller	Alissa Kendall	Civil & Environmental Engr	NSF2026: EAGER: Carbon-sink infrastructure materials to create net-negative carbon emitting energy systems
Sabbie Miller		Civil & Environmental Engr	The anticipated costs and environmental impacts of centralized and decentralized rice straw bioenergy and bioash production
Sabbie Miller		Civil & Environmental Engr	Manufacturing methods to create carbon-sequestering plastics

Veronica Morales		Civil & Environmental Engr	Predicting the Probability and Degree of Preferential Flow in Porous Media From Pore-Network Geometric and Topological Properties
Veronica Morales		Civil & Environmental Engr	CAREER: Fundamental Controls of Transport Attributes from Porous Media Microstructure
Debbie Niemeier		Civil & Environmental Engr	Funding Wizard: Enhancement to Support California Climate Investments
Jasquelin Pena		Civil & Environmental Engr	Electron flows across organo-microbe-mineral units and impact on soil carbon cycling
Thomas Young		Civil & Environmental Engr	Identifying Key Sources of Pesticides in Wastewater to Support Source Reduction Efforts
Thomas Young		Civil & Environmental Engr	Derive Pyrethroids Partition Coefficients from Sediment Samples Representative of the Central Valley
Thomas Young		Civil & Environmental Engr	Quantitative Analysis of Pesticides in Wastewater Influent, Effluent, and Biosolids
Thomas Young	Bruce Hammock	Civil & Environmental Engr	Nontarget Chemical Analysis of California Drinking Water
Thomas Young		Civil & Environmental Engr	Non-target and Suspect Screening of Agricultural Pesticides in Groundwater
Thomas Young		Civil & Environmental Engr	Plant Uptake of Per- and Polyfluorinated Compounds Grown in Biosolid-Amended Soils
Thomas Young		Civil & Environmental Engr	Climate Change Impact on pesticide use, fate, and transport in surface waters of California
Thomas Young	Heather Bischel-Magnan	Civil & Environmental Engr	Detention Basin Design and Performance for Pyrethroid Removal
Thomas Young		Civil & Environmental Engr	Exposure to per- and polyfluoroalkyl substances (PFAS) and risk of cancer in children
Michael Zhang		Civil & Environmental Engr	CPS: Synergy: Collaborative Research: Matching Parking Supply to Travel Demand towards Sustainability: a Cyber Physical Social System for Sensing Driven Parking.
Michael Zhang	Caroline Rodier	Civil & Environmental Engr	Center for Transportation, Environment, and Community Health (CTECH)
Michael Zhang	Miguel Jaller Martelo	Civil & Environmental Engr	Center for Transportation, Environment, and Community Health (CTECH)
Michael Zhang		Civil & Environmental Engr	Collaborative Research: Bias Modeling and Estimation of Networked Transportation Data
Katerina Ziotopoulou		Civil & Environmental Engr	Collaborative Research: Soil-structure-Water Interaction Effects in Buried Reservoirs - Centrifuge and Numerical Modeling
Katerina Ziotopoulou		Civil & Environmental Engr	CAREER: Soil liquefaction evaluations at multiple scales: reshaping research, training, and education through physics-guided data science

Bill Lasley		Cntr for Health & Environment	Study Of Women's Health Across The Nation (SWAN) V Lab
Bill Lasley		Cntr for Health & Environment	SWAN VI - Study of Women's Health across the Nation (SWAN)
Stephen McCurdy	Heejung Bang	Cntr for Health & Environment	Coccidioidomycosis among California Hispanic farm workers
Kent Pinkerton		Cntr for Health & Environment	Agriculture and Climate Change Impacts on Workers' Health and Safety
Kent Pinkerton	Christopher Simmons	Cntr for Health & Environment	The Western Center for Agricultural Health and Safety
Kent Pinkerton		Cntr for Health & Environment	e-cigarette offspring effects and disease
Heather Riden		Cntr for Health & Environment	Pesticide Safety Outreach for Non-English and Non-Spanish Speaking Farmworkers
Heather Riden		Cntr for Health & Environment	WOSHTEP: Worker Occupational Safety and Health training and education program
Heather Riden		Cntr for Health & Environment	COVID-19 Statewide Agriculture and Farmworker Education Program
Mark Schwartz		Cntr for Health & Environment	U.S. Fish and Wildlife refuges Threat and Vulnerability Assessment
Laura Van Winkle	Anthony Wexler	Cntr for Health & Environment	Postnatal Ozone and Altered Lung Growth
Christoph Vogel	John Rutledge	Cntr for Health & Environment	Air Pollution, Atherosclerosis and the role of the aryl hydrocarbon receptor
Marissa Baskett	Michael Springborn	Coastal & Marine Science Inst	DISES: Between maintenance and transformation: an SES framework for restoration decision-making under climate change
Stacey Garrett		College Opp Programs	UC Davis GEAR UP Rural Valley Partnership
Drew Cingel		Communication	Digital Media Use: Opportunities for Well-Being During and After COVID Pandemic
Suzanne Forsyth		Continuing and Professional Ed	Tribal pesticide program council (TPPC) technical support
Marco Molinaro		Ctr Educational Effectiveness	Sloan Equity and Inclusion in STEM Introductory Courses Collaboration (SEISMIC)
Alexandra Calderon		Ctr Health Policy and Research	Racial/ethnic differences in the use of permanent and long-acting reversible contraception among low-income Californian women

Anthony Jerant	Daniel Tancredi	Ctr Health Policy and Research	Tailored activation in primary care to reduce suicide behaviors in middle-aged men
Nathan Kuppermann	Nathan Kuppermann	Ctr Health Policy and Research	Procalcitonin to Reduce Antibiotic Prescribing in Pediatric Pneumonia
Joy Melnikow	Desiree Backman	Ctr Health Policy and Research	SNAP ED UCD KOA FAMILY
Aimee Moulin		Ctr Health Policy and Research	UCD Sustainability Application
Patrick Romano		Ctr Health Policy and Research	Specialty/subspecialty expertise and policy development support for the California Children's Services program
Patrick Romano	Amy Nichols	Ctr Health Policy and Research	AHRQ Patient Safety Network (PSNet)
Patrick Romano		Ctr Health Policy and Research	Medical and audiology expertise for California Children Services
Elisa Tong	Susan Stewart	Ctr Health Policy and Research	Tracking Tobacco Waste to Increase College Policy Engagement and Compliance
Thomas Maiorana		Department of Design	SCC-CIVIC-PG Track B: Rehearsing Natural Disasters through Games and Simulations
Eliot Atekwana		Earth and Planetary Sciences	Collaborative Research: IRES Track I: U.S. - Cameroon Collaboration Investigating Anthropogenic Perturbations on Carbon Cycling in an Urbanized Tropical Estuary
Tessa Hill		Earth and Planetary Sciences	CAREER: How will marine ecosystems respond to climate change? Integrating K-12 teaching and paleoceanographic research.
Tessa Hill		Earth and Planetary Sciences	Collaborative Proposal: The Holocene and Anthropocene as windows into the future of marine systems
Tessa Hill		Earth and Planetary Sciences	Assessing Community Vulnerability to Ocean Acidification Across the California Current Ecosystem
Lorraine Hwang	Lorraine Hwang	Earth and Planetary Sciences	Computational Infrastructure for Geodynamics
Isabel Montanez		Earth and Planetary Sciences	Earth-Life Transitions: Integrated Data-Model Analysis of CO2-Climate-Vegetation Feedback's in a Dynamic Paleo-Icehouse
Isabel Montanez		Earth and Planetary Sciences	Evaluating the Potential of Fluid Inclusion Proxies in U-Th Calibrated Speleothems for Resolving Controversies in the Western U.S.
Isabel Montanez	Kari Cooper	Earth and Planetary Sciences	Collaborative Research: P2C2--Multi-Time-Scale Climate Dynamics in California (CA): An Integrated Multi-Proxy Stalagmite, Monitoring, and Modeling Approach

Isabel Montanez		Earth and Planetary Sciences	Advancing our understanding of the paleoclimate-fire relationship in CA through a comprehensive monitoring study of Crystal 67 wild cave, southern Sierra Nevada
Sujoy Mukhopadhyay		Earth and Planetary Sciences	Collaborative Research: The nature and timing of Earth's accretion
Nicholas Pinter		Earth and Planetary Sciences	Geospatial and Database Analysis of California Flood Risk and Risk Management
Sarah Roeske		Earth and Planetary Sciences	Collaborative Research: Arc plutonism along the Denali Fault, Alaska: possible fault controls on incremental magma transport and assembly along a long-lived strike-slip fault
Howard Spero		Earth and Planetary Sciences	Collaborative Research: Evolution of Arctic Water Column Hydrography during the Holocene based on a Novel Instrumentation Combination
Sarah Stewart-Mukhopadhyay		Earth and Planetary Sciences	Impact-Driven Chemistry and its Role in the Surface Environment of the Early Earth
Dawn Sumner	Jonathan Eisen	Earth and Planetary Sciences	Evolution of Oxygenic Photosynthesis as Preserved in Melainabacterial Genomes from Lake Vanda, Antarctica
Dawn Sumner		Earth and Planetary Sciences	Seasonal Primary Productivity and Nitrogen Cycling in Photosynthetic Mats, Lake Fryxell, McMurdo Dry Valleys Mats in Lake Fryxell, McMurdo Dry Valleys
Qing-Zhu Yin		Earth and Planetary Sciences	Petrologic, Oxygen and Chromium Isotope, and Ar-Ar Studies of Non-Ureilitic Materials in Polymict Ureilites: Implications for Mixing of Materials in the Early Solar System and Differentiation of an Ancient, Carbon-Rich Asteroid
Marianne Bitler		Economics	Studying the causal effects of the Special Supplemental Nutrition Program for Women, Infants, and Children on infant and child outcomes
Marianne Bitler	Marianne Page	Economics	Investments, Life Events, and Health Within and Across Generations
Marianne Bitler		Economics	Evaluation of Natural Experiments of Nutrition Assistance to Prevent and Control Diabetes among Low-Income Communities
Marianne Bitler		Economics	Diabetes Research for Equity through Advanced Multilevel Science Center for Diabetes Translational Research (DREAMS-CDTR)
James Bushnell		Economics	Market Liberalization, Efficiency, and Renewable Integration in the Mexican Energy Sector
James Bushnell	David Rapson	Economics	Empirical Assessment of Distributed Energy Resources Impacts on California Utility Distribution Systems
James Bushnell		Economics	Market Liberalization, Efficiency, and Renewable Integration in the Mexican Energy Sector

James Bushnell	David Rapson	Economics	Electric Vehicles: Economics of the Extensive and Intensive Margins
James Bushnell	Aaron Smith	Economics	Applying Time-Series Forecasting Models to Projections of CA GHG Emissions and Policy Impacts
Marianne Page		Economics	Multigenerational Effects of Early Life Health and Nutrition Investments
Marianne Page	Marianne Bitler	Economics	UC Network on Child Health, Poverty and Public Policy
Giovanni Peri		Economics	Does immigration enforcement affect crime, job opportunities, and health care?
Brendan Price		Economics	Household Adaptation to Seasonal Work Interruptions
David Rapson		Economics	The Effect of Electricity Rate Structures on Energy Efficiency Investments
David Rapson	James Bushnell	Economics	Estimating the Climate Change Mitigation Potential of Shifting Electric Vehicle Load
David Rapson		Economics	Electric Vehicle Managed Charging Experimental Design Guidance and Analysis (Sponsor: Peninsula Clean Energy Authority)
Arman Rezaee		Economics	Increasing Access to Training, Capital, and Networks: Two Planned Field Experiments with Small Firms in Uganda
Arman Rezaee		Economics	Catching data-driven cheating: Machine learning detection of falsified immunization e-records
Katheryn Russ		Economics	The Economics of Health Hazards in Trade Policy: A Case Study of Marketing of Breastmilk Substitutes
Jenna Stearns		Economics	Public Policy and Opioid Drug Abuse: Investigating the Effects of Paid Family and Medical Leave and Medicaid
Ann Stevens		Economics	Understanding Men's Non-Employment Using Longitudinal Data: Wage Opportunities, Employment Dynamics, and Long-term Effects
Kevin Gee		Education	The Impact of Food Security on Children's Developmental Outcome: Differences Across Diverse Racial/Ethnic and Income Groups
Cassandra Hart		Education	Housing Market Wealth, School Choice, and Student Outcomes
Margarita Jimenez-silva		Education	SBP Collaborative Research: Comunidad de Ciencia: Building Latina STEM Interest through Community Cultural Wealth and Familial Problem-Based Learning
Michal Kurlaender		Education	California Policy Lab: Studying Inequality and Homelessness
Michal Kurlaender		Education	Equity and Access to College-Credit Coursework in California High Schools

Michal Kurlaender		Education	Strengthening the Pathway to College-A Collaboration between the California Education Lab at UC Davis and the California Department of Education
Michal Kurlaender		Education	Equity and Access to Community College Dual Enrollment among CA High School Students - A DEEPER DIVE
Michal Kurlaender		Education	Strengthening College Preparation through Diverse Course Pathways: Addressing Racial and Economic Inequalities
Lauren Lindstrom		Education	Paths 2 the future: Testing the efficacy of a career development curriculum for high school girls with disabilities
Danny Martinez		Education	Centering racialized pre-service teachers: A proleptic re-design of teacher education for leveraging linguistic diversity
Ryan Meyer	Carol Hillhouse	Education	Citizen Science on the Farm: Training teachers to provide authentic, locally relevant food and agriculture science experiences for students.
Ryan Meyer	Heidi Ballard	Education	Citizen Science and Dam Removal
Peter Mundy		Education	Psychometric training in assessment of special populations
Faheemah Mustafaa		Education	A Multi-Method Study to Support Black Girls' Socio-Emotional Well-Being in California
Alexis Patterson		Education	The Racial Equity Leadership Initiative: A New Generation of Civil Rights School
Yuuko Tonkovich		Education	Harnessing Parental Engagement to Reduce Summer Reading Loss Among English Learners
Maisha Winn	Lawrence Winn	Education	The Black Child Legacy Campaign's 5 Strategies for Success
Maisha Winn	Lawrence Winn	Education	Transformative Justice Teacher Education Learning Community
Lawrence Winn	Maisha Winn	Education	Transformative Justice at the Intersection of Schools and Teacher Education
Zhi Ding	Lifeng Lai	Elect & Comp Engr	Towards Secure Decision Making in Spectrum and Energy Efficient IoT Systems
Soheil Ghasihafezi	Eric Kurzrock	Elect & Comp Engr	Bladder Volume Awareness for Individuals Living with Spinal Cord Injury
Houman Homayoun		Elect & Comp Engr	NATE: A Neural Network Assisted Timing Profiling for Hardware Trojans Detection
Omeed Momeni	Thomas Buckley	Elect & Comp Engr	A Compact and Low Power Ultra-Short-Range Terahertz Radar for In Vivo Leaf Sensing and Precision Irrigation
John Owens		Elect & Comp Engr	Q2, 2018 - Platform Assessment for Autonomous Vehicles
S. J. Ben Yoo	Roberto Proietti	Elect & Comp Engr	OP: Application-Aware Reconfigurable Silicon-Photonic Interconnected Computing Systems for Energy-Efficient and Scalable Data Centers

S. J. Ben Yoo		Elect & Comp Engr	Photonic-Electronic Co-Design of Energy-Efficient Silicon Photonic Interconnects
S. J. Ben Yoo		Elect & Comp Engr	Energy-Efficient Nanophotonic Neuromorphic Computing
S. J. Ben Yoo		Elect & Comp Engr	Energy-Efficient Reconfigurable Universal Accelerator Interconnect
S. J. Ben Yoo		Elect & Comp Engr	Energy-Efficient Reconfigurable Universal Accelerator Interconnect
S. J. Ben Yoo		Elect & Comp Engr	Energy-Efficient Reconfigurable Universal Accelerator Interconnect
S. J. Ben Yoo		Elect & Comp Engr	Phase II: Energy-Efficient Reconfigurable Universal Accelerator Interconnect
S. J. Ben Yoo		Elect & Comp Engr	Phase II: Energy-Efficient Reconfigurable Universal Accelerator Interconnect
S. J. Ben Yoo		Elect & Comp Engr	Phase II: Energy-Efficient Reconfigurable Universal Accelerator Interconnect
Junshan Zhang		Elect & Comp Engr	CPS: Medium: Collaborative Research: Demand Response & Workload Management for Data Centers with Increased Renewable Penetration
Benjamin Finkelor		Energy Efficiency Center	UC Davis Energy Efficiency Center CalSEED
John Kissock		Energy Efficiency Center	Industrial Decarbonization
Frank Loge		Energy Efficiency Center	Water Use Studies
Frank Loge		Energy Efficiency Center	Optimal Integration of Energy Recovery Turbines for Renewable Energy Generation in Water Distribution Systems
Frank Loge		Energy Efficiency Center	Optimal Integration of Energy Recovery Turbines for Renewable Energy Generation in Water Distribution Systems
Sabbie Miller	Alissa Kendall	Energy Efficiency Center	Industrial Decarbonization: Technical & Policy Pathways for the Cement Sector
Vinod Narayanan	Katherine Bannor	Energy Efficiency Center	Driving Research and Leadership in Buildings and Transportation Efficiency
Sarah Outcault	Angela Sanguinetti	Energy Efficiency Center	Intelligent HVAC Controls for Low Income Households
William Ristenpart		Engineering Deans Office	Improving the Sustainability of Home Coffee Brewers
Zhaojun Bai		Engr Computer Science	Performance Enhancement of the Integrated Water Flow Model
Vladimir Filkov		Engr Computer Science	Modeling and manipulating the regulation of tension wood, an economically important trait for forest products, biofuels, and nanotechnology
Massimo Tornatore	Biswanath Mukherjee	Engr Computer Science	NeTS:JUNo2:Disaster-Resiliency Strategies for Sliceable Metro-Access Optical-Wireless Networks
Jiawei Zhang		Engr Computer Science	ATF: II: Medium: Collaborative Research: Self-Supervised Recommender System Learning with Application Specific Adaption

Jason Bond	James Starrett	Entomology/Nematology	COLLABORATIVE RESEARCH: Phylogenomics, spatial phylogenetics and conservation prioritization in trapdoor spiders (and kin) of the California Floristic Province
Joanna Chiu		Entomology/Nematology	Sustainable Spotted Wing Drosophila Management for United States Fruit Crops
Joanna Chiu		Entomology/Nematology	Electronic sensors to capture spatiotemporal population density of SWD
Joanna Chiu		Entomology/Nematology	Investigating and Improving Detection Methods for Spotted Wing Drosophila Insecticide Resistance in California
Joanna Chiu		Entomology/Nematology	Evaluation of the Effect of Red Turpentine Beetle and Western Pine Beetle on Post-Fire Ponderosa Pine Mortality in the Central Sierra Nevada
Joanna Chiu	Frank Zalom	Entomology/Nematology	Moving from crisis response to long-term integrated management of SWD: a keystone pest of fruit crops in the United States
Joanna Chiu		Entomology/Nematology	Investigate and improve detection methods for Spotted Wing Drosophila pyrethroid resistance in California
Elvira de Lange		Entomology/Nematology	UAS (unmanned aerial system)-guided releases of predatory mites for management of spider mites in strawberry
Gabriel Foote		Entomology/Nematology	Monitoring the Distribution of a New Exotic Bark Beetle on National Forest Lands
Ian Grettenberger		Entomology/Nematology	Management of Key Cotton Arthropod Pests with Insecticides and Acaricides: Refinement of Use for Cotton IPM Systems
Ian Grettenberger		Entomology/Nematology	Insecticide resistance monitoring and evaluation of efficacy of current chemical tactics for managing aphids and thrips in lettuce
Ian Grettenberger		Entomology/Nematology	Protection of Rice from Invertebrate Pests (RP-3)
Ian Grettenberger		Entomology/Nematology	Management of Key Cotton Arthropod Pests with Insecticides and Acaricides: Refinement of Use for Cotton IPM Systems
Ian Grettenberger		Entomology/Nematology	Management of spotted and striped cucumber beetle in melon production
Ian Grettenberger		Entomology/Nematology	Efficacy of Alternatives to Pyrethroids and Neonicotinoids for Aphid Management in Lettuce
Ian Grettenberger		Entomology/Nematology	Insecticide Resistant Alfalfa Weevils in the Western US: Quantifying the Scope of Resistance and Implementing a Plan to Manage the Threat
Ian Grettenberger		Entomology/Nematology	Biological Control of Bagrada Bug Year 3
Ian Grettenberger		Entomology/Nematology	Detection, biology and control of the exotic Swede midge (Contarinia nasturtii) for California cole crops

Ian Grettenberger		Entomology/Nematology	Protection of rice from invertebrate pests
Ian Grettenberger		Entomology/Nematology	Management of Key Cotton Arthropod Pests with Insecticides and Acaricides: Refinement of Use for Cotton IPM Systems
Ian Grettenberger		Entomology/Nematology	Advising and assisting CDFA on the economic effects and IPM consequences of re-evaluation and regulatory actions affecting insecticides and miticides
Ian Grettenberger		Entomology/Nematology	Management of spotted and striped cucumber beetle in melon production
Ian Grettenberger		Entomology/Nematology	Efficacy of Alternatives to Pyrethroids and Neonicotinoids for Aphid Management in Lettuce
Ian Grettenberger		Entomology/Nematology	Protection of rice from invertebrate pests
Ian Grettenberger		Entomology/Nematology	Novel technologies for effective and sustainable management of thrips and aphids in lettuce: precision insecticide applications and drone releases of natural enemies.
Ian Grettenberger		Entomology/Nematology	Management of Key Cotton Arthropod Pests with Insecticides and Acaricides: Refinement of Use for Cotton IPM Systems
Ian Grettenberger		Entomology/Nematology	Improved monitoring and management strategies for the western striped cucumber beetle in melon production
Ian Grettenberger		Entomology/Nematology	Integrated Pest Management of Diamondback Moth on Cole Crops
Ian Grettenberger		Entomology/Nematology	Completing an Insecticide Resistance Management Plan for Alfalfa Weevils Damaging Forage Alfalfa in the Western US
Ian Grettenberger		Entomology/Nematology	Management of Key Cotton Arthropod Pests with Insecticides and Acaricides: Refinement of Use for Cotton IPM Systems
Ian Grettenberger		Entomology/Nematology	California Cotton Alliance 2022-2023: Management of Key Cotton Arthropod Pests with Insecticides and Acaricides: Refinement of Use for Cotton IPM Systems
Ian Grettenberger		Entomology/Nematology	Improved management strategies for the western striped cucumber beetle in melon production 22-23
Bruce Hammock		Entomology/Nematology	Food quality in Egypt: Screening for contamination with pesticides using innovative VHH antibody-based assays and biosensors
Bruce Hammock	Elisabeth Middleton	Entomology/Nematology	Biomarkers of Exposure to Hazardous Substances
Bruce Hammock	Dongyang Li	Entomology/Nematology	Food quality in Egypt: Screening for contamination with pesticides using innovative VHH antibody-based assays and biosensors
Bruce Hammock	Bogdan Barnych	Entomology/Nematology	Bioactive lipids as effectors and indicators of the deleterious effects of environmental exposure on chronic diseases

Amanda Hodson	Amanda Hodson	Entomology/Nematology	Recycled Waste Inputs to Lower the Carbon Footprint and Increase Resilience to Water Shortage in Almond Production
Amanda Hodson		Entomology/Nematology	West Coast Waste Madera Compost Project
Amanda Hodson	Amelie Gaudin	Entomology/Nematology	Effects of Composted Olive Pomace on Carbon sequestration and Water Retention, and Soil Health in California Olive Groves
Amanda Hodson		Entomology/Nematology	Biointensive no-till farming in California: farmer-driven research and education on soil health, water efficiency and economic resiliency
Amanda Hodson		Entomology/Nematology	Improved molecular diagnostics to detect and quantify root knot nematodes
Amanda Hodson		Entomology/Nematology	Soil Health in California Olives: the Effects of Microbial Inoculation with Compost Tea
Amanda Hodson		Entomology/Nematology	Nematode suppression mode of action experiments
Amanda Hodson	Cassandra Swett	Entomology/Nematology	Co-managing the resistance breaking root knot nematode-Fusarium disease complex
Amanda Hodson		Entomology/Nematology	Recycled olive waste as a strategy to control pests and weeds in perennial crops.
Brian Johnson		Entomology/Nematology	Social Network Plasticity in the Honey Bee Colony: Interactive Effects of Disease Defense and Environmental Conditions
Richard Karban		Entomology/Nematology	LTREB Renewal: Climatic drivers of temporal and spatial dynamics of a focal herbivore
Lynn Kimsey		Entomology/Nematology	BLM CA CESU characterization of impacts to desert pollinators from utility scale renewable energy installations
Lynn Kimsey		Entomology/Nematology	Sierra Nevada Tree Mortality Pollinator Assessment
Sharon Lawler		Entomology/Nematology	Assessment of Aquatic Weeds and Their Impacts on Mosquitos; and Reduction of Pesticide use in the Sacramento-San Joaquin River Delta
Rachael Long		Entomology/Nematology	Increasing preventive and curative options for clover root curculio management in western alfalfa
Christian Nansen		Entomology/Nematology	Distinction of arthropod-induced stressors of Chrysanthemum using hyperspectral imaging technologies
Christian Nansen		Entomology/Nematology	Drone-guided releases of predators for sustainable pest management in strawberry
Christian Nansen		Entomology/Nematology	Hyperspectral remote sensing to detect and diagnose arthropod pests in greenhouse nursery crops
Christian Nansen		Entomology/Nematology	Selecting insect strains to convert specialty crop waste into value-added materials

Christian Nansen		Entomology/Nematology	Early-detection and Monitoring of Abiotic and Biotic Stress in Production Environments
Christian Nansen		Entomology/Nematology	Comprehensive ecological and economic modeling of pesticide spray applications in pistachio orchards
Christian Nansen		Entomology/Nematology	Landscape engineering to manage beet leafhopper infestations in tomato and other specialty crops
Christian Nansen		Entomology/Nematology	ENHANCEMENT OF SPECIALTY CROP SEED GERMINATION, SEEDLING VIGOR, AND PEST MANAGEMENT USING COLD PLASMA TECHNOLOGY
Elina Nino	Christine Casey	Entomology/Nematology	Protecting pollinators with economically feasible and environmentally sound ornamental horticulture
Elina Nino		Entomology/Nematology	Modeling Honey Bee Exposure to Pesticides in Pollination Dependent Crops of California
Elina Nino		Entomology/Nematology	Evaluating Cover Crop Benefits to Honey Bees within Almond Orchards
Elina Nino		Entomology/Nematology	Protecting Pollinators with Economically Feasible and Environmentally Sound Ornamental Horticulture
Elina Nino		Entomology/Nematology	The Bee Informed Partnership, Inc. (BIP, Inc.) MOU
Elina Nino		Entomology/Nematology	A tough nut to crack: Understanding and improving honeybee polination input in self-sterile and self-fertile almond varieties
Elina Nino		Entomology/Nematology	Evaluating honey bee stock performance, pest, disease and pesticide resistance, and acceptance rates across different stocks
Elina Nino		Entomology/Nematology	Strengthening honey bee health and crop pollination to safeguard food availability and affordability
Elina Nino		Entomology/Nematology	58-2030-0-040: Analyzing Factors Contributing to Long-term Honey Bee Health and Hive Performance
Elina Nino		Entomology/Nematology	The Bee Informed Partnership, Inc. (BIP, Inc.) MOU
Elina Nino		Entomology/Nematology	A tough nut to crack: Understanding and improving honeybee polination input in self-sterile and self-fertile almond varieties FY 20-22
Elina Nino	Christine Casey	Entomology/Nematology	Promoting Pollinator Plant Sales and Habitat Expansion to Benefit California's Nursery Industry
Elina Nino		Entomology/Nematology	The Bee Informed Partnership 21/22
Jay Rosenheim		Entomology/Nematology	Ecoinformatics ("Big Data") for improved citrus pest management
Jay Rosenheim		Entomology/Nematology	Improving citrus IPM practices for mandarins using grower data and experimentation
Jay Rosenheim		Entomology/Nematology	Reducing pesticide use in citrus by capitalizing on previously-unrecognized innate resistance in mandarin species

Jay Rosenheim		Entomology/Nematology	Characterizing earwig damage to citrus fruits, and damage prevention using trunk barrier treatments
Jay Rosenheim		Entomology/Nematology	Characterizing earwig damage to citrus fruits, and damage prevention using trunk barrier treatments 2021-2022
Jay Rosenheim		Entomology/Nematology	Drivers of Agricultural Pesticide Use in California: the Role of the Pest Control Advisor (PCA)
Thomas Scott		Entomology/Nematology	Quantifying Heterogeneities In Dengue Virus Transmission Dynamics
Thomas Scott	Amy Morrison	Entomology/Nematology	Spatial Repellent Products for Control of Vector Borne Diseases
Rachel Vannette		Entomology/Nematology	Screening Potential Antagonists for Fire Blight Control
Rachel Vannette		Entomology/Nematology	Sustainable Microbial Control of Blossom Brown Rot Blossom Blight in Almond
Rachel Vannette		Entomology/Nematology	Effects of soil management on processing tomato associations with mycorrhizal fungi
Rachel Vannette		Entomology/Nematology	Screening potential antagonists for fire blight control
Rachel Vannette		Entomology/Nematology	CAREER: Nectar chemistry and ecological and evolutionary tradeoffs in plant adaptation to microbes and pollinators
Rachel Vannette		Entomology/Nematology	Collaborative Research: The brood cell microbiome of solitary bees: origin, diversity, function, and vulnerability
Rachel Vannette		Entomology/Nematology	Effects of soil management on processing tomato associations with mycorrhizal fungi
Neal Williams		Entomology/Nematology	Collaborative Research: Effects of Pulsed Floral Resources on Pollinator Population Dynamics
Neal Williams		Entomology/Nematology	Continuation of New Projects in Almond/Tree Fruit Landscapes for California
Neal Williams		Entomology/Nematology	Collaborative Research: The role of species dominance in mediating biodiversity-ecosystem function relationships across spatial scales
Neal Williams	Elina Nino	Entomology/Nematology	Developing Tools for Selection and Management of Landscapes to Promote Healthy Bee Populations
Neal Williams	Kimiora Ward	Entomology/Nematology	Bumble bee identification workshops in California
Neal Williams		Entomology/Nematology	Nature Conservancy Fellowship
Neal Williams		Entomology/Nematology	Evaluating Cover Crop Benefits to Pollinators and Pollination in Almond Orchards
Neal Williams		Entomology/Nematology	Predictive models of pesticide exposure and impacts on bees

Neal Williams		Entomology/Nematology	Evaluating cover crop benefits to pollinators and pollination in almond orchards ? assessing bee use, potential competition and orchard pollination
Neal Williams		Entomology/Nematology	Bumble bee pathogen monitoring program in California
Neal Williams		Entomology/Nematology	Developing <i>Osmia ribifloris</i> as a Commercial Pollinator for Blueberries
Louie Yang		Entomology/Nematology	Collaborative Research: An integrative approach for projecting insect responses to a rapidly changing climate
Frank Zalom		Entomology/Nematology	Management of brown marmorated stink bug in US specialty crops bug in US specialty crops
Frank Zalom		Entomology/Nematology	Biology and Role of Treehoppers in Grapevine Red Blotch Disease
Frank Zalom		Entomology/Nematology	Development and implementation of systems-based organic management strategies for spotted wing drosophila
Frank Zalom		Entomology/Nematology	Effects of Proposed Regulations by California Department of Pesticide Regulation on Insect Pest Management Programs
Frank Zalom		Entomology/Nematology	Control of overwintering olive fruit fly using insect pathogenic fungi
Frank Zalom	Joanna Chiu	Entomology/Nematology	Vinegar flies (<i>Drosophila</i>) in California strawberry; species identification and Insecticide resistance monitoring and management in spotted wing <i>Drosophila</i>
Frank Zalom		Entomology/Nematology	Control of overwintering olive fruit fly through soil applied insect pathogenic fungi
Frank Zalom		Entomology/Nematology	Vinegar flies (<i>Drosophila</i>) in California strawberry; species identification and Insecticide resistance monitoring and management in spotted wing <i>Drosophila</i>
Frank Zalom		Entomology/Nematology	Economic and pest management analyses of potential regulations in strawberry, tomato, and other fruiting crops
Frank Zalom		Entomology/Nematology	Vinegar flies (<i>Drosophila</i>) in California strawberries: species identification and insecticide resistance monitoring and management in spotted wing <i>drosophila</i> FY 21/22
Gwendolyn Arnold		Environmental Science & Policy	Escaping the boom-bust cycle: Identifying sustainable governance strategies for shale-dependent communities
Gwendolyn Arnold		Environmental Science & Policy	Collaborative Research: Dealing with Disruption: Investigating the Micro-level Underpinnings of City Response to the Climate Crisis
Gwendolyn Arnold		Environmental Science & Policy	Climate Action, Societal, & Ecosystem Conservation Multiple-Benefits of C Sequestration in Wetlands

Marissa Baskett	Environmental Science & Policy	Nechako River White Sturgeon Hatchery Risk Assessment Project
Marissa Baskett	Environmental Science & Policy	CA-SURE: Modeling seastar reintroduction in 'A multi-pronged approach to kelp recovery along California's north coast
Erica Fleishman	Environmental Science & Policy	Forecasting Resource Availability for Wildlife Populations in Desert Grasslands Under Future Climate Extremes
Peter Freer-smith	Environmental Science & Policy	The Best Use of California's Biomass to Meet Air Quality and Climate Goals
Edwin Grosholz	Environmental Science & Policy	Investigations of restoration techniques that limit invasion of tidal wetlands
Edwin Grosholz	Environmental Science & Policy	Using Native Food Webs to Reduce Impacts of Non-native Predators and Increase Success of Native Olympia Oyster Restoration
Edwin Grosholz	Environmental Science & Policy	Revegetation & Invasive Removal Techniques within Suisun Marsh & the SF/Bay-Delta
Edwin Grosholz	Environmental Science & Policy	Suisun March Salinity Control Gate Project: Proposed Studies on Benthic Vital Rates
Edwin Grosholz	Environmental Science & Policy	Determining Salt Marsh and Restoration Success in Sough Slough Using Surveys of Managers, the Public, and Past NERR Data
Edwin Grosholz	Environmental Science & Policy	Nature Conservancy Postdoc Grant Agreement
Edwin Grosholz	Environmental Science & Policy	Interjurisdictional Fisheries Management Plan Coordination and Development.
Susan Harrison	Environmental Science & Policy	Post-fire vegetation condition and fire effects monitoring in and adjacent to the Caldor Fire Footprint
Alan Hastings	Environmental Science & Policy	Collaborative Research: Species Interactions in Range Dynamics and Changing Environments: Stochastic Models and Experiment
Robert Hijmans	Environmental Science & Policy	Capacity building for data science in agriculture
Robert Hijmans	Environmental Science & Policy	Guiding Acid soil management Investments in Africa (GAIA)
Marcel Holyoak	Environmental Science & Policy	Valley Elderberry Longhorn Beetle Population Viability Analysis
Marcel Holyoak	Environmental Science & Policy	Risk and mechanisms of exposure to neonicotinoid pesticides in the central valley

Marcel Holyoak	Erica Fleishman	Environmental Science & Policy	Synthesis and communication of research on phenomena that drive or reflect recent warming and aridity in the southwestern United States
Patrick Huber		Environmental Science & Policy	Data Development for SoCal Greenprint
Mark Lubell		Environmental Science & Policy	The multiscale risks and infrastructure management challenge of coastal flooding in an urban environment under anticipated sea level rise
Mark Lubell	Patrick Brown	Environmental Science & Policy	Understanding influences on grower decision-making and adoption of improved nitrogen management practices
Mark Lubell		Environmental Science & Policy	CoPe RCN: Advancing Interdisciplinary Research to Build Resilient Communities and Infrastructure in the Nation's Estuaries and Bays
Frances Moore		Environmental Science & Policy	INFEWS/T1: Monitoring and Managing Food, Energy, and Water Systems under Stress: The California Crucible
Frances Moore	Xiaoli Dong	Environmental Science & Policy	CNH2-S: Understanding the Coupling Between Climate Policy and Ecosystem Change
James Quinn		Environmental Science & Policy	Assessment of Socio-Economic Vulnerability to Climate-Related Forest Changes in the Pacific Southwest
James Quinn	James Thorne	Environmental Science & Policy	International Seminar on Climate Change and Natural Resource Management
James Quinn		Environmental Science & Policy	Design and implementation of methodology for data mining on National Wildlife Refuges
James Quinn		Environmental Science & Policy	Post-fire monitoring support for the Sierra Cascade and Central Sierra Provinces of the Region 5 Ecology Program
James Quinn	Rebecca Wayman	Environmental Science & Policy	Effects of salvage logging on the resilience and successional trajectory of high-mortality forests
James Quinn		Environmental Science & Policy	R5 Ecology Support to the National Forest of California
James Quinn	James Quinn	Environmental Science & Policy	Fire, Restoration treatment, Ecological Monitoring Support to the Region 5 Natinal Forests
James Quinn	Rebecca Wayman	Environmental Science & Policy	Effects of salvage logging on the resilience and successional trajectory of high-mortality forests
Matthew Reimer	James Sanchirico	Environmental Science & Policy	Exploring Policy and Practice Options for Climate-Smart Fisheries Adaptations across State and Federal Waters: California Case Study
Christina Restaino		Environmental Science & Policy	Development of a California Fire Science Consortium

Steven Sadro	Environmental Science & Policy	Are mountain lakes on a trajectory of rapid eutrophication toward harmful algal blooms?
Steven Sadro	Environmental Science & Policy	Smoke on the Water --disentangling the mechanisms through which mega-wildfires in California affect lake productivity at regional scales
Hugh Safford	Environmental Science & Policy	California Prescribed Fire Monitoring Program
Hugh Safford	Environmental Science & Policy	The California Fire Science Consortium
Hugh Safford	Environmental Science & Policy	California Fire Science Consortium
Hugh Safford	Environmental Science & Policy	Development and improvement of wildfire baseline emissions, return interval departure, and post-fire recovery data and tools for California forest and wildfire management
Hugh Safford	Environmental Science & Policy	Dixie Fire fuels treatment effectiveness monitoring
James Sanchirico	Environmental Science & Policy	Healthy Ecosystems, Healthy People: The Coupled Human Health And Environmental Dynamics Of Schistosomiasis In Sub-Saharan Africa
James Sanchirico	Environmental Science & Policy	Understanding oil spill impacts on fishing communities of the Gulf of Mexico: From Deepwater Horizon to future spill scenarios
James Sanchirico	Environmental Science & Policy	Gains from synchronizing top-down and bottom-up conservation activities within agricultural landscapes
James Sanchirico	Environmental Science & Policy	The economic and ecological value of applying ecosystem-based fisheries management in the California sardine and anchovy industries
James Sanchirico	Environmental Science & Policy	Vessel Monitoring System, Observer, and Logbook Data Integration: Building the Infrastructure to Better Predict the Changes in Spatial Fishing Behavior in the Gulf of Mexico Reef Fish Fishery under IFQ Management (Year 2)
James Sanchirico	Environmental Science & Policy	Evaluation of mitigation strategies for harmful algal blooms in the West Coast Dungeness crab fishery
James Sanchirico	Matthew Reimer Environmental Science & Policy	Understanding the Role of Flexible Fishing Permits as a Support Tool for Climate Change Impacts
S Schladow	Environmental Science & Policy	UC Davis - TERC Lake Tahoe Water Quality Monitoring

Tyler Scott		Environmental Science & Policy	RIDIR: Collaborative Research: eNEPA--Harnessing the Power of Big Data to Catalyze Scholarly Inquiry and Transform Public Engagement with the National Environmental Policy Act
Fraser Shilling		Environmental Science & Policy	Automated Environmental Data Management for State DOTs
Fraser Shilling		Environmental Science & Policy	Improving the (Net) Almond Water Footprint (Year 2)
Fraser Shilling		Environmental Science & Policy	Evidence-Based Wildlife Connectivity Assessment
Fraser Shilling		Environmental Science & Policy	#74A1110, State Route 62 Morongo Basin Wildlife Linkage Plan Study
Fraser Shilling		Environmental Science & Policy	Prioritizing land-acquisition based on wildlife presence/activity and habitat connectivity adjacent to I-580
Andrew Sih		Environmental Science & Policy	Developing Theory to Understand Variation in Behavioral Responses to Human-Induced Rapid Environmental Change
Darell Slotton	James Hobbs	Environmental Science & Policy	South Bay Slough Fish Biosentinel Mercury Study
Michael Springborn		Environmental Science & Policy	Modeling National Animal And Plant Disease Risk Management
Michael Springborn		Environmental Science & Policy	Quantifying demographic differences in mitigation and impacts of COVID-19 across the U.S.
Michael Springborn		Environmental Science & Policy	Development of standardized invasive mussel risk assessment and bioeconomic models for the Missouri River Basin
Lorie Srivastava	James Quinn	Environmental Science & Policy	Understanding the Socioeconomics Impacts of Forest Disturbances on Western US Public Lands
Joseph Stewart	Derek Young	Environmental Science & Policy	Improving Climate-Based Seed Selection for Increased Carbon Sequestration
James Thorne		Environmental Science & Policy	Incorporating Climate Change Assessments into CalFire's Forest Restoration Initiative: UCD analysis of seed zones, climate, traits, vegetation and synthesis
James Thorne		Environmental Science & Policy	Climate Resilience Planning for Key Sacramento River Watersheds
James Thorne		Environmental Science & Policy	Seed Transfer in a changing climate

James Thorne	Environmental Science & Policy	Biodiversity Change Indicators of the Landscapes of the Republic of Korea	
James Thorne	Environmental Science & Policy	Indicators of Climate Change in California: Data Analysis, Indicator Development, and Presentation	
James Thorne	Environmental Science & Policy	Local Development Under Climate Change: Evaluating Trade-offs Between Carbon Emissions, Water Sustainability, and Affordable Housing for Communities in the Central Coast	
James Thorne	Environmental Science & Policy	Climate-informed Risk for CA Natural Resources	
James Thorne	Environmental Science & Policy	Change Analysis of California's Urban Forests	
James Thorne	Environmental Science & Policy	Using Landscape, Climate and Environmental Risk Factors to Identify Priority Seed Collection Areas Across California	
James Thorne	Allan Hollander	Environmental Science & Policy	CDFA Master Grant for ISHB: An Economic Analysis of the Invasive Shot Hole Borer - Fusarium Dieback pest/disease complex in California
Thomas Tomich	Environmental Science & Policy	SCC-RCN: Developing an informational infrastructure for building smart regional foodsheds	
Emma Underwood	Environmental Science & Policy	Ecosystem Services Mapping in Forests of Zimbabwe Scope of Work	
Emma Underwood	Environmental Science & Policy	Impacts of Wildfire and Climate on Ecosystem Services in Southern California: Tool Development and Data Needs	
Emma Underwood	Environmental Science & Policy	Measuring wildfire impacts and post-fire recovery of shrubland biomass under different climate conditions	
Emma Underwood	Environmental Science & Policy	Assessing the Restoration of Ecosystem Services in Post-fire Chaparral Landscapes	
Tara Ursell	Environmental Science & Policy	Tree recruitment and forest expansion following reforestation	
John Williams	Environmental Science & Policy	Natural range of variation (NRV) assessment for southern California montane forests	
Derek Young	Environmental Science & Policy	Development of Scenario Planning at a Landscape Scale in California	
Matt Hengel	Environmental Toxicology	Quality Assurance Services and Support for IR-4 Minor Use Pesticides Residue Laboratory in Wapato Washington	
Matt Hengel	Environmental Toxicology	Integrated Pest and Pollinator Management on Alfalfa Produced as a Seed Crop	

Matt Hengel	Rebecca Sisco	Environmental Toxicology	Minor Crop Pest Management Program - IR-4
Matt Hengel	Michael Horak	Environmental Toxicology	IR-4 Minor Crop Pest Management
Matt Hengel		Environmental Toxicology	USDA FAS 2021 Borlaug International Agricultural Science and Technology Fellowship on global Pesticide Registration Systems and Maximum Residue Limits
Michael Horak	Matt Hengel	Environmental Toxicology	Support of IR-4 Projects to Register Crop Pest Protection Products of Specific Importance to California Specialty Crop Growers
Michael Horak		Environmental Toxicology	Research to Reduce the Fenpropathrin Preharvest Interval
Michael Horak	Matt Hengel	Environmental Toxicology	Support of IR-4 Projects to Register Crop Pest Protection Products of Specific Importance to California Specialty Crop Growers
Michael Horak	Matt Hengel	Environmental Toxicology	Support of IR-4 Projects to Register Crop Pest Protection Products of Specific Importance to California Specialty Crop Growers - Project 5
Michele La Merrill		Environmental Toxicology	Endocrine disruptor screening for green chemistry
Bryn Phillips	Bryn Phillips	Environmental Toxicology	An integrated vegetated treatment system for mitigating imidacloprid and permethrin in agricultural irrigation runoff
Brett Poulin		Environmental Toxicology	Assessment of Mercury Cycling in Brownlee, Oxbow, and Hells Canyon Reservoirs
Brett Poulin		Environmental Toxicology	A biogeochemical framework to predict mercury risk to managed freshwater ecosystems
Ronald Tjeerdema		Environmental Toxicology	The Environmental Fate of Pesticides Important to Rice Culture
Ronald Tjeerdema	Bryn Phillips	Environmental Toxicology	An integrated vegetated treatment system for mitigating imidacloprid and permethrin in agricultural irrigation runoff
Ronald Tjeerdema		Environmental Toxicology	Derivation of Water Quality Criteria for Methomyl, Clothianidin, and Dimethoate using the UC Davis Method
John Whitehead		Environmental Toxicology	Assessing Toxicity of Oil Weathered on the Sea Surface: The Importance of Oil Photo-Products
Andrew Whitehead	Nann Fanguie	Environmental Toxicology	Quantifying genetic and epigenetic variation in delta smelt that may enable adaptation to future environments
Andrew Whitehead		Environmental Toxicology	Gene-by-environment interactions that affect exposure-mediated congenital heart disease
Qi Zhang	Alan Bennett	Environmental Toxicology	Understanding biomass burning aerosol via integrated analyses of aerosol mass spectrometry data from DoE campaigns and ACRF sites
Qi Zhang		Environmental Toxicology	Collaborative Project: Aerosols, Nitrogen Oxides, and Ozone from Wildfires and Global Pollution at the Mt. Bachelor Observatory

Qi Zhang		Environmental Toxicology	Investigation of the Impacts of Residential Wood Burning and the Curtailment Program on Wintertime PM2.5 Pollution in the San Joaquin Valley of California
Qi Zhang		Environmental Toxicology	Organic Aerosol Source Apportionment in the San Joaquin Valley of California
Rachael Bay		Evolution & Ecology	RoL:FELS:EAGER: Linking physiology, morphology, and genomics to investigate adaption to rapid environmental change
Rachael Bay		Evolution & Ecology	Sloan research fellowship in ocean sciences
Deanna Beatty	John Stachowicz	Evolution & Ecology	Using environmental DNA and aerial imagery to characterize coastal fish
Kaleigh Fisher		Evolution & Ecology	Leveraging insights from bumble bee chemosensory systems to optimize pollination services
Jennifer Gremer	Johanna Schmitt	Evolution & Ecology	Dimensions: Diversity and constraint in the germination niche: Implications for species ranges and persistence in variable mediterranean environments
Richard Grosberg	Anne Todgham	Evolution & Ecology	REU Site: Ecological and Evolutionary Responses to Rapid Environmental Change (EERREC)
Gail Patricelli		Evolution & Ecology	The interaction between restoration, foraging ecology, and mating behavior in Greater Sage-Grouse
Gail Patricelli		Evolution & Ecology	The interaction between restoration, foraging ecology, and mating behavior in Greater Sage-Grouse
Jeffrey Ross-Ibarra		Evolution & Ecology	PanAND: Harnessing convergence and constraint to predict adaptations to abiotic stress for maize and sorghum
Jeffrey Ross-Ibarra	Daniel Runcie	Evolution & Ecology	Mining useful alleles for climate change adaptation from CGIAR gene banks
Michael Turelli		Evolution & Ecology	The Impact of Nutritional Signaling on Transmission of Endosymbiotic Wolbachia Bacteria
Michael Turelli		Evolution & Ecology	Understanding Wolbachia transinfection dynamics in natural mosquito populations
Daniela Barile	David Mills	Food Science & Technology	2nd generation HMO: Beyond infant nutrition
Brittany Blankenship		Food Science & Technology	The elucidation of Pseudomonas mosselii for the biological control of Fusarium oxysporum
Erin DiCaprio		Food Science & Technology	Food safety needs assessment for specialty crop gleaning organizations in California
Erin DiCaprio	Alda de Andrade e Pires	Food Science & Technology	Supporting FSMA compliance for California's regional food hubs through training and technical assistance

Erin DiCaprio		Food Science & Technology	Hybrid training for quality assurance and food safety programs designed for small-scale food processors and distributors
Erin DiCaprio		Food Science & Technology	Western Regional Center to Enhance Food Safety: Fostering Collaboration through Continued Food Safety Education and Stakeholder Support of FSMA Implementation
Erin DiCaprio		Food Science & Technology	Prevention of Pathogen Contamination in Agriculture Water in the Lettuce Production Continuum
Glen Fox		Food Science & Technology	Plant Breeding Partnership: Clarifying The Genomics Of Grain Sorghum Flavor And Quality During Malting And Brewing
Linda Harris		Food Science & Technology	Quantifying the performance of Enterococcus faecium NRRL2345 as a nonpathogenic surrogate for Salmonella Enteritidis PT30 during high-temperature dry heating of almonds: Phase III
Linda Harris		Food Science & Technology	Survival of inoculated generic Escherichia coli on developing almonds between fruit set and harvest with two testing intervals and consideration testing for Pyrethroid pesticides.
Linda Harris		Food Science & Technology	Produce Safety - Water Regulations Workshops
Linda Harris		Food Science & Technology	Microbial Survey for Almond Crop Year 2021
Juliana Leite Nobrega de Moura Bell		Food Science & Technology	58-3060-0-044: Effects of Extraction Methods on Lentil and Dry Beans Extract Composition and Structural Modification
Juliana Leite Nobrega de Moura Bell	Julien Delarue	Food Science & Technology	Effects of processing on the nutritional, functional and sensory properties of almond milk and fouling of industrial equipment
Maria Marco		Food Science & Technology	Synergy Between Milk and Probiotic Bacteria for Gastrointestinal Health
Maria Marco	Erin DiCaprio	Food Science & Technology	Expanding education and knowledge of fermented fruits and vegetables
Maria Marco	Andreas Baumler	Food Science & Technology	PIG-PARADIGM Preventing Infection in the Gut of developing Piglets - and thus Antimicrobial Resistance - by dissent Angling the interface of Diet, the host and the Gastrointestinal Microbiome
Maria Marco	Gail Bornhorst	Food Science & Technology	The yogurt matrix during digestion: benefits of milk composition and structure 2022/2023
David Mills		Food Science & Technology	Assessment of Antimicrobial Resistance Genes in Human Fecal Samples
Alyson Mitchell		Food Science & Technology	Quantification of Food Dyes in Foods and Pharmaceuticals Commonly Consumed by Children and Pregnant Women
Alyson Mitchell		Food Science & Technology	Composition of Volatile Organic Compounds in Hulls, Shells and Kernels from almonds Exposed to Smoke
Nitin Nitin	Gang Sun	Food Science & Technology	An Integrated Approach to Eliminate Cross-Contamination during Washing, Conveying, Handling and Packaging of Fresh Produce

Nitin Nitin		Food Science & Technology	Rechargeable antimicrobial and antifouling plastics for improved cleaning and sanitation of plastic bins and totes
Nitin Nitin	Gang Sun	Food Science & Technology	Particle Based Sanitizers for Enhanced Sanitation of Minimally Processed Foods and Effective Decontamination of Food Contact Surfaces
Nitin Nitin	Amanda Hodson	Food Science & Technology	Root knot nematode control using encapsulated plant extracts
Nitin Nitin	Gang Sun	Food Science & Technology	Bio-based antimicrobial coatings for reducing risk of cross-contamination during harvesting
Nitin Nitin	Linda Harris	Food Science & Technology	Cross-contamination risks in dry environments and a novel antimicrobial approach to reduce these risks in dry environments
Nitin Nitin		Food Science & Technology	Integrated Approaches to Enhance Sustainability, Resiliency and Robustness in US Agri-Food Systems: Enabling cellular agriculture with cross-disciplinary approaches
Nitin Nitin	Ahmed El-Moghazy	Food Science & Technology	Light-activated self-sanitizing surface coatings to prevent cross-contamination from zone I and zone II surfaces
Nitin Nitin	Daniela Barile	Food Science & Technology	Engineer sustainable 3D scaffolds for enhancing delivery and growth of probiotics in the gut
Christopher Simmons	Jesus Dionisio Fernandez Bayo	Food Science & Technology	Land application of tomato processing rinse water: understanding water, plant, and soil interactions to inform discharge strategies
Christopher Simmons	Amanda Hodson	Food Science & Technology	Continued assessment of almond orchard performance and soil health following biosolarization using almond residue amendments (BIOSOLARIZATION - PROJECT 2)
Christopher Simmons	Ruihong Zhang	Food Science & Technology	Integrated Biorefinery for Chemicals and Fuels Production from Waste Biomass
Christopher Simmons	Jesus Dionisio Fernandez Bayo	Food Science & Technology	Expanded assessment of land discharge and valorization strategies for tomato processing rinse water
Christopher Simmons	Nitin Nitin	Food Science & Technology	Using biosolarization, strip tillage and cover cropping to improve pest suppression and microbial safety in organic vegetables
Christopher Simmons	Nitin Nitin	Food Science & Technology	Development and evaluation of novel, online, interactive virtual environments and virtual reality tools to enhance instruction of food processing curricula
Christopher Simmons		Food Science & Technology	Adapting Soil Biosolarization and ASD to Low Water Inputs for Control of Fusarium Wilt of Lettuce in Desert Growing Areas
Christopher Simmons		Food Science & Technology	Assessment of home-scale containerized food waste management systems

Christopher Simmons	Amanda Hodson	Food Science & Technology	Assessing nematode control, soil health, and tree vigor in a commercial almond orchard four years after soil biosolarization
Christopher Simmons	Jesus Dionisio Fernandez Bayo	Food Science & Technology	Expanded Field and Crop Representation for Assessing Land Application and Valorization of Tomato Processing Rinse Water
Christopher Simmons	Jesus Dionisio Fernandez Bayo	Food Science & Technology	Assessment of date paste application strategies to control <i>Fusarium oxysporum</i> f. sp. <i>lactucae</i> (FOL) in lettuce cropping system
Christopher Simmons		Food Science & Technology	Enhanced temporal and microbiological monitoring of processing rinse water bioconversion at land discharge sites
Carolyn Slupsky		Food Science & Technology	Developing an Infrastructure and Product Test Pipeline to Deliver Novel Therapies for Citrus Greening Disease
Carolyn Slupsky		Food Science & Technology	Effect of Mixed Infections of Plant Pathogens on Detection of HLB Using Two Early Detection Methods
Jennifer Smilowitz		Food Science & Technology	Effects of a novel nutrition supplement containing NAD precursors and Amino Acids on milk production and quality in overweight and obese pregnant women
Edward Spang		Food Science & Technology	WWF: Assessing opportunities for agricultural food recovery and conservation of resources in California
Edward Spang	Alissa Kendall	Food Science & Technology	SRS RN: Multiscale RECIPES (Resilient, Equitable, and Circular Innovations with Partnership and Education Synergies) for Sustainable Food Systems
Ameer Taha	Gang Sun	Food Science & Technology	From Sample to Answer: Rapid Isolation and Instant Quantitation of Antibiotic Residues in Aquaculture Produce
Ameer Taha		Food Science & Technology	Lipid pathways underlying the vascular contributions to Alzheimer's Disease
Ameer Taha		Food Science & Technology	Oxidative and inflammatory lipid pathways underlying subcortical ischemic vascular disease across the dementias
Ameer Taha	Daniel Tancredi	Food Science & Technology	Role of postnatal exposure to non-persistent pesticides on neurodevelopment
Luxin Wang	Barbara Blanco-Ulate	Food Science & Technology	Light-driven renewable bactericidal and fungicidal wax supplement for control of persistent microorganisms on fruit and vegetable surfaces
Luxin Wang	Gang Sun	Food Science & Technology	Development of green, reusable, and self-cleanable functional "ICE" cubes
Luxin Wang	Esteban Soto Martinez	Food Science & Technology	A systematic and integrated approach to mitigation of antimicrobial resistance in aquaculture

Luxin Wang	Linda Harris	Food Science & Technology	Waxing of whole produce and its involvement in and impact on microbial food safety
Selina Wang		Food Science & Technology	Off-the-shelf survey on California commercial olive oil in the marketplace 2020-2021
Selina Wang		Food Science & Technology	Upcycling of the olive pomace as a renewable and cost-effective antioxidant additive for aging protection of road infrastructures.
Maher Al Rwahnih	Deborah Golino	Foundation Plant Services	Advancing our knowledge on the detection, sampling and epidemiology of grapevine Pinot gris virus.
Maher Al Rwahnih	Deborah Golino	Foundation Plant Services	Development and validation of real time quantitative PCR assays for the detection of fruit tree viruses
Maher Al Rwahnih	Deborah Golino	Foundation Plant Services	Study of the Effects of Little cherry virus-1 and Little cherry virus-2 on Different Cherry Rootstocks.
Maher Al Rwahnih		Foundation Plant Services	Inter-laboratory validation of high throughput sequencing (HTS) for detection of regulated pathogens on specialty crops
Maher Al Rwahnih		Foundation Plant Services	Study of the Effects of Little cherry virus-1 and Little cherry virus-2 on Different Cherry Rootstocks
Maher Al Rwahnih	Deborah Golino	Foundation Plant Services	Development and validation of real time quantitative PCR assays for the detection of fruit tree viruses
Maher Al Rwahnih		Foundation Plant Services	The Foundation Plant Services Clean Plant Specialty Crop Program at the University of California, Davis.
Maher Al Rwahnih		Foundation Plant Services	Inter-laboratory validation of high throughput sequencing (HTS) for detection of regulated pathogens on specialty crops (Year 2)
Maher Al Rwahnih		Foundation Plant Services	The Foundation Plant Services Clean Plant Specialty Crop Program at the University of California, Davis
Maher Al Rwahnih	Akif Eskalen	Foundation Plant Services	GC2021: The role of rootstocks and single and mixed infections of grapevine leafroll associated virus-3 and grapevine virus A in sudden vine decline.
Maher Al Rwahnih	Deborah Golino	Foundation Plant Services	Study of the Effects of Little cherry virus-1 and Little cherry virus-2 on Different Cherry Rootstocks
Maher Al Rwahnih	Deborah Golino	Foundation Plant Services	Development and validation of real time quantitative PCR assays for the detection of olive viruses
Maher Al Rwahnih		Foundation Plant Services	The role of rootstocks and single and mixed infections of grapevine leafroll associated virus-3 and grapevine virus A in sudden vine collapse.
Deborah Golino		Foundation Plant Services	Development of New, Reliable, Vigorous, Clonal Rootstocks
Fatima Osman		Foundation Plant Services	The California Citrus Clean Plant Network (CCPN)

Fatima Osman		Foundation Plant Services	The National Clean Plant Network NCPN Quality initiative Year 3. Developing an NCPN system wide Quality Plan and Advancing Select Aspects of an NCPN Quality Program
Fatima Osman		Foundation Plant Services	The California Citrus Clean Plant Network
Fatima Osman		Foundation Plant Services	The California Citrus Clean Plant Network 21/22
David Woodruff		Graduate School of Management	Scenario creation software to support resilience modeling
Elizabeth Grandia		Hart Interdisciplinary Program	Andrew W. Mellon Foundation's New Directions Fellowship: Toxic Trespass
Noli Brazil		Human Ecology	The neighborhood ethnoracial and socioeconomic context of urban public school closures in the United States
Noli Brazil		Human Ecology	Public school closures and racial segregation in U.S. cities
Catherine Brinkley		Human Ecology	CAREER: Mapping pathways to food security and sustainable development
Brittany Chambers		Human Ecology	Community Racial Equity And Training Interventions and Evaluation of Current and Future Healthcare Clinicians (CREATE) Study
Brittany Chambers		Human Ecology	Participatory Public Health and Community Engagement: Amplifying Perspectives on Healthcare, Policy, and Research from those most impacted by COVID-19
Jennifer Falbe		Human Ecology	Evaluation of beverage media campaign messages among Latinx parents
Ryan Galt		Human Ecology	The Generic Herbicide Industry: A global production network analysis
Ryan Galt		Human Ecology	Fresh food just a click away: How are California's direct-to-market farmers navigating the era of online commerce?
Ryan Galt		Human Ecology	Petaluma Bounty Farmers Market Promotion Program
Steven Greco		Human Ecology	Research to inform reforestation strategy of the Mendocino National Forest: Restoration and connectivity planning for the North Shore Restoration Project (NSRP)
Leah Hibel	Daniel Choe	Human Ecology	Adversity and Socialization of Self-Regulation in Chronically Stressed Children
Leah Hibel		Human Ecology	Pathways linking early adversity and support to behavioral and physical health
Meng Huo		Human Ecology	Social networks and well-being in late life: A study of daily mechanisms
Meng Huo	Beth Ober	Human Ecology	Empathy, Support Exchanges, and Well-being in Older Couples Coping With Early Stage Alzheimer's Disease

Martin Kenney		Human Ecology	Entrepreneurship in an Era of Intelligent Tools and Systems
Jonathan London	Neil Maizlish	Human Ecology	Open Source Integrated Transport and Health Impacts Model (ITHIM)
Jonathan London		Human Ecology	Participatory Assessment of Health Equity Impacts through the Implementation of the Community Air Monitoring and Management
Brett Milligan	Alexander Kraus-polk	Human Ecology	Integrated Monitoring of Restored and Naturalized Delta Landscapes
Adrienne Nishina	Alysha Hall	Human Ecology	RAPID: Emerging Adults' Daily Well-Being, Social Experiences, and Academic Persistence in the Context of the COVID-19 Pandemic.
Lenna Ontai		Human Ecology	Community-informed capacity building to increase access to health education for rural, underserved populations via telehealth
Emily Schlickman	Lorie Srivastava	Human Ecology	Understanding Tradeoffs Between Fire Risk and Ecosystem Services
Marjorie Visser		Human Ecology	Migrant Labor in Rural Societies
Erica Kohl-arenas	Amina Matlon	Imagining America	Agency and Narrative as Tools for Building Community Health in Utica, Mississippi
Hanjiro Ambrose		Inst of Transportation Studies	TO 033 - 65A0686 - Quantifying the Effects of Vehicle Electrification Programs on Traffic Loads
Jesus Barajas		Inst of Transportation Studies	TO 064: Mobility Justice in Rural California: Examining Transportation Barriers and Adaptations in Carless Households
Jesus Barajas		Inst of Transportation Studies	TO 067: Tools and Best Practices for Land Use Efficiency and Equity in Cities
Elisa Barbour		Inst of Transportation Studies	TO 001 - 65A0686 - Local Finance and Planning Mechanisms for Transit-Oriented Development, Transit, and Active Transport
Elisa Barbour		Inst of Transportation Studies	TO 030 - 65A0686 - Case Studies on Local Finance and Planning Mechanisms for Transit Oriented Development, Transit, and Active Transport
Rachael Bay		Inst of Transportation Studies	TO 002 - 65A0686 - Genetic Toolkit for Assessment and Prediction of Population-level Impacts of Bridge Construction on Birds
Austin Brown		Inst of Transportation Studies	Impact of the Clean Vehicle Rebate Project on California's Zero Emission Vehicle Market: White Papers for Assembly Bill 615 Report
Austin Brown		Inst of Transportation Studies	ClimateWorks SWAT
Austin Brown		Inst of Transportation Studies	CARB Greenhouse Gas Reduction Fund Investments: Project Outcomes Data Collection and Analysis
Austin Brown		Inst of Transportation Studies	Sustainable World All-electric Transportation 2020
Austin Brown	Bernadette Austin	Inst of Transportation Studies	Reducing Transportation-Related Fossil Fuel Demand and Emissions
Austin Brown		Inst of Transportation Studies	Institute of Transportation Studies, Policy Institute and all STEPS+ Program Areas

Andrew Burke		Inst of Transportation Studies	TO 004 - 65A0686 - Technology, Sustainability, and Marketing of Battery Electric and Hydrogen Fuel Cell Medium and Heavy-Duty Trucks and Buses in 2020-2040
Andrew Burke		Inst of Transportation Studies	65A0686: TO 051: Assessment of Requirements, Costs, and Benefits of Providing Battery Charging for Battery Electric Heavy-duty Trucks at Safety Roadside Rest Areas Facilities
Debapriya Chakraborty		Inst of Transportation Studies	TO 032 - 65A0686 - Cost of Plug-in Electric Vehicle Ownership: How the cost of ownership impacts the choice between conventional and plug-in electric vehicles?
Giovanni Circella	Miguel Jaller Martelo	Inst of Transportation Studies	Emission Impacts of Connected and Automated Vehicle Deployment in California
Giovanni Circella	Caroline Rodier	Inst of Transportation Studies	[SACOG Master Task A-1] The Transportation Demand Management Performance Measurement Project
Giovanni Circella		Inst of Transportation Studies	TO 005 - 65A0686 - Analysis of Emerging Transportation Trends in California Using Panel Data: Individual Attitudes and Lifestyles, Residential Location, Vehicle Ownership, Travel Behavior and Adoption of Shared Mobility Among Millennials and Older Adults
Giovanni Circella		Inst of Transportation Studies	Barriers to Reducing the Carbon Footprint of Transportation
Giovanni Circella		Inst of Transportation Studies	Exhibit A-5: Road Pricing in Los Angeles: Understanding Stakeholder Views and Vision for Transportation Sustainability
Adam Davis		Inst of Transportation Studies	65A0686: TO 57 Assessing the Potential Impacts of Toll Discounts on Zero-Emission Vehicle Adoption
Mark Delucchi		Inst of Transportation Studies	Developing a Comprehensive Framework for Estimating the Social Costs of Emissions of Criteria Pollutants and Air Toxics in California, and Identifying Other Direct and Indirect Benefits of California's Climate and Air Quality Programs
Mark Delucchi		Inst of Transportation Studies	Estimating the Health Benefits of Reducing Emissions of Toxics Air Contaminants in California
Beth Ferguson		Inst of Transportation Studies	TO 068 -Integrating Micromobility with Public Transportation
Dillon Fitch polse	Susan Handy	Inst of Transportation Studies	Policy Briefs: Effects of Transportation and Land Use Policies and Strategies on Vehicle Use, Greenhouse Gas Emissions
Lewis Fulton		Inst of Transportation Studies	Sustainable Transportation Energy Pathways 2015-2018 Program
Lewis Fulton		Inst of Transportation Studies	Developing Markets for ZEVs in Goods Movement
Lewis Fulton		Inst of Transportation Studies	Zero Emissions Vehicles and Future Mobility Trends

Lewis Fulton		Inst of Transportation Studies	STEPS+ (PLUS) (2019-2022) Sustainable Transportation Energy Pathways- A Research consortium of the Insitute of Transportation Studies, University of California, Davis
Lewis Fulton		Inst of Transportation Studies	Joint Clean Climate Transport Research Partnership
Lewis Fulton	Marshall Miller	Inst of Transportation Studies	Transportation Decarbonization Alliance (TDA) Technical Support
Lewis Fulton		Inst of Transportation Studies	The Study of the Role of the Light-, Medium-, and Heavy-Duty Vehicles and Infrastructure in a California Hydrogen Transition
Susan Handy		Inst of Transportation Studies	METRANS University Transportation Center
Susan Handy		Inst of Transportation Studies	National Center for Sustainable Transportation
Susan Handy	Alissa Kendall	Inst of Transportation Studies	GHG Quantification Methodology Technical Research for Transportation
Susan Handy		Inst of Transportation Studies	National Center for Sustainable Transportation
Susan Handy		Inst of Transportation Studies	METRANS University Transportation Center
Susan Handy		Inst of Transportation Studies	TO 006 - 65A0686 - Making Bicycling Comfortable: Identifying Minimum Infrastructure Needs by Population Segment Using a Video Survey
Susan Handy		Inst of Transportation Studies	TO 017 - 65A0686 - Electric Fleet Adoption Strategies - Addressing Storage and Infrastructure Needs
Susan Handy	Dillon Fitch polse	Inst of Transportation Studies	Active Transportation Benefit-cost Tool
Susan Handy		Inst of Transportation Studies	TO 020 - 65A0686 - Integrating Zero Emission Vehicles into the Caltrans Fleet
Susan Handy		Inst of Transportation Studies	TO 041 - 65A0686 - Administration of the National Center for Sustainable Transportation Caltrans Research Program
Susan Handy		Inst of Transportation Studies	TO 022, Robust Design, Analysis and Evaluation of Variable Speed Limit Control in a Connected Environment with Uncertainties
Susan Handy		Inst of Transportation Studies	TO 044 Optimizing Fuel Consumption and Pollutant Emissions in Truck Routing with Parking Availability Prediction and Working Hours Constraints
Susan Handy		Inst of Transportation Studies	To 029 Research Synthesis and Engagement of the National Center for Sustainable Transportation Caltrans Research Program
Susan Handy		Inst of Transportation Studies	65A0686: TO 055 Caltrans Sustainable Freight Academy (USC)
Susan Handy		Inst of Transportation Studies	65A0674: TO 039 - The implications of Freeway Sitting in California: An Equity, Geospatial, and Case Study Approach
Susan Handy		Inst of Transportation Studies	Measuring, Analyzing, and Identifying Small-Area Vehicle Miles Traveled Reduction
Susan Handy		Inst of Transportation Studies	California Transportation Plan Assessment (AB 285)

Susan Handy		Inst of Transportation Studies	Post-COVID Transportation Scenarios: Evaluating the Impact of Policies
Susan Handy		Inst of Transportation Studies	TO 071 - Slow Streets and Dockless Travel: Using a Natural Experiment for Insight into the Role of Supportive Infrastructure on Non-Motorized Travel
Scott Hardman		Inst of Transportation Studies	Accelerating Worldwide PEV Market Development: Coordinating Analysis from Empirical Research to Spur the Introduction of PEVs in US Cities
Scott Hardman	Jesus Barajas	Inst of Transportation Studies	Understanding Travel Demand and Built Environment Factors to Optimize Increased ZEV Access in Underserved Communities
John Harvey		Inst of Transportation Studies	TO 36 Life Cycle Assessment of Complete Streets: Case Studies
Rebecca Hernandez		Inst of Transportation Studies	Climate-Smart Siting
Miguel Jaller Martelo		Inst of Transportation Studies	TO 008 - 65A0686 - Analytical Modeling Framework to Assess the Economic and Environmental Impacts of Residential Deliveries, and Evaluate Sustainable City Logistics Strategies
Miguel Jaller Martelo		Inst of Transportation Studies	TO 023 - 65A0686 - Dock-based and Dockless Bikesharing Systems: Analysis of Equitable Access for Disadvantaged Communities
Miguel Jaller Martelo		Inst of Transportation Studies	I-5 FREIGHT Zero Emissions Route Operations (ZERO) PILOT STUDY
Miguel Jaller Martelo		Inst of Transportation Studies	TO 046 Jobs and Automated Freight: How Automated Vehicles Affect the Freight Industry and What to Do About It
Alan Jenn		Inst of Transportation Studies	Energy and emissions implications of a transportation shift towards electric, automated, and shared vehicles
Alan Jenn		Inst of Transportation Studies	Impacts of electric vehicle charging on distribution infrastructure
Alan Jenn		Inst of Transportation Studies	What are the impacts of a centrally operated, all-electric autonomous rideshare service on transportation emissions, climate changes and grid efficiencies in the Bay Area?
Alissa Kendall		Inst of Transportation Studies	TO 010 - 65A0686 - Greenhouse Gas Reduction Opportunities for Local Governments: A Quantification and Prioritization Framework
Behdad Kiani		Inst of Transportation Studies	TO 011 - 65A0686 - Utilizing Highway Rest Stops for Electric Vehicle Charging: Economics and Impacts on Renewable Energy Penetration in California
John Kissock		Inst of Transportation Studies	Pathways to Facility-Level Industrial Decarbonization
Michael Kleeman	Christopher Yang	Inst of Transportation Studies	Optimal Energy Portfolios to Sustain Economic Advantage, Achieve GHG Targets, and Minimize PM2.5
Kenneth Kurani		Inst of Transportation Studies	2019 Multi-State Survey of Consumer Valuation of Zero Emission Vehicles

John Largier	Fraser Shilling	Inst of Transportation Studies	TO 035 Projecting Risk of Highway Flooding Due to Sea Level Rise
Sarah McCullough		Inst of Transportation Studies	Assessing the Impact of Equity Work in Active and Sustainable Transportation
Sabbie Miller		Inst of Transportation Studies	TO 026 - 65A0686 - Benchmarking Greenhouse Gas Emissions from California Concrete Production and Readily Implementable Mitigation Methods
Sabbie Miller		Inst of Transportation Studies	Study of Barriers to Cement Sector Net-Zero Emissions Strategy to support SB 596 Implementation
Colin Murphy		Inst of Transportation Studies	Zero Emissions Vehicle (ZEV) Fleet Market Analysis
Debbie Niemeier		Inst of Transportation Studies	TO 025 - 65A0686 - Improving Our Understanding of Transport Electrification Benefits for Disadvantaged Communities
Debbie Niemeier		Inst of Transportation Studies	TO 039 - 65A0686 - Improving Our Understanding of Fire Evacuation and Displacement Effects
Bart Ostro		Inst of Transportation Studies	Associating Airborne Particle Types with Adverse Health Outcomes Using the Multi-Angle Imager for Aerosols (MAIA)
Bart Ostro		Inst of Transportation Studies	Associating Airborne Particle Types with Adverse Health Outcomes Using the Multi-Angle Imager for Aerosols (MAIA)
Susan Pike		Inst of Transportation Studies	TO 013 - 65A0686 - Addressing the Uncertainty in the Outcomes of On-Demand Ridehailing and Sustainable Transportation in Transportation Planning and Policy
Xiaodong Qian		Inst of Transportation Studies	Task Order 53 - Analysis of Intelligent Vehicle Technologies to Improve Vulnerable Road Users Safety at Signalized Intersections
Caroline Rodier		Inst of Transportation Studies	TO 014 - 65A0686 - Automated Vehicles and Central Business District Parking: The Effects of Drop-Off-Travel on Traffic Flow and Vehicle Emissions
Caroline Rodier		Inst of Transportation Studies	Integration of Smart Ride-Sharing into an Existing Electric Vehicle Carsharing System in the San Joaquin Valley
Caroline Rodier		Inst of Transportation Studies	Developing standardized payment integration and institutional capacity for rural MaaS
Caroline Rodier		Inst of Transportation Studies	SJCOG Sustainable Transportation Equity Project Implementation Grant
Fraser Shilling		Inst of Transportation Studies	TO 015 - 65A0686 - Understanding Behavioral Responses of Wildlife to Traffic to Improve Mitigation Planning
Fraser Shilling		Inst of Transportation Studies	Wildlife Vehicle Conflict Decision-Support
Daniel Sperling	Giovanni Circella	Inst of Transportation Studies	Microtransit and Paratransit Efficiency Assessment
Daniel Sperling		Inst of Transportation Studies	Climate Smart Communities Consortium

Daniel Sperling	Alissa Kendall	Inst of Transportation Studies	3 Revolutions Policy Research, Outreach, and Vehicle Regulatory Reform
Daniel Sperling		Inst of Transportation Studies	Zero Emission Market Acceleration and the Three Revolutions: Partnership with The Schmidt Family Foundation's 11th Hour Project
Daniel Sperling		Inst of Transportation Studies	Climate Solutions: Bending the Curve eBook
Daniel Sperling		Inst of Transportation Studies	Low Carbon Fuel Policy Initiative
Daniel Sperling	Gil Tal	Inst of Transportation Studies	Institute of Transportation Studies, Policy Institute and all STEPS+ Program Areas
Gil Tal	Thomas Turrentine	Inst of Transportation Studies	Emerging technology zero emission vehicle household travel and refueling behavior
Gil Tal		Inst of Transportation Studies	Fuel Cell Electric Bus, Battery Electric Bus, and Battery Electric Train Infrastructure
Gil Tal		Inst of Transportation Studies	The Value of Fleet Management for Plug-in Electric Vehicles: Usage, Charging and Grid Integration
Gil Tal		Inst of Transportation Studies	White Papers on California's Changing Transportation Landscape
Gil Tal		Inst of Transportation Studies	Exploring the Annual VMT of Alternative Fuel Vehicles in California
Gil Tal		Inst of Transportation Studies	Analyzing Innovative Mobility Trends in California through 2030 and derived impacts on electric vehicle infrastructure
Gil Tal		Inst of Transportation Studies	Measuring the Emissions and Socioeconomic Benefits of CARB's Incentives and Regulatory Programs
Gil Tal		Inst of Transportation Studies	Electrification of Transport: Challenges and Opportunities for the US-Mexico Transportation Industry
Gil Tal		Inst of Transportation Studies	Next10: EV Infrastructure Business Models
James Thorne		Inst of Transportation Studies	TO 038 - 65A0686 - Conducting an Inventory to Quantify Carbon Sequestration Potential in Caltrans Right of Ways
Thomas Turrentine	Gil Tal	Inst of Transportation Studies	Advanced Plug-In Electric Vehicle Usage And Charging Behavior Data Acquisition And Analysis
Prashanth Venkataram	Giovanni Circella	Inst of Transportation Studies	TO 051 - 65A0674 - Cross-Sectional Study of the Effects of Disability on the Mismatch of Desires versus Choices for Transportation Modes and Residential Location
Yunshi Wang		Inst of Transportation Studies	Plug-in Electric Vehicle Consumer Behavior and Market Research-What are the Optimal Ranges for Chinese Consumers?
Yunshi Wang		Inst of Transportation Studies	Chinese ZEV Policy Implementation and Review
Yunshi Wang		Inst of Transportation Studies	Technical Assistance for Sustainable Chinese Cities (TASC2)

Yunshi Wang		Inst of Transportation Studies	Strengthening Cooperation between California and China --ZEV Mandate for Commercial Vehicles and Cooperation on FCEV Deployment
Yunshi Wang		Inst of Transportation Studies	Urgent Support for China's Medium- and Long-term ZEV Targets
Yunshi Wang		Inst of Transportation Studies	Cooperation between China and U.S. on Joint Climate Change efforts
Yunshi Wang		Inst of Transportation Studies	Urgent Support for China's Medium- and Long-term ZEV Targets 21/22
Yunshi Wang		Inst of Transportation Studies	Support of the U.S.-China ZEV Policy Lab and China's Adoption of Truck Credit Policy
Julie Witcover	James Bushnell	Inst of Transportation Studies	Pacific Coast Action Plan on Climate and Energy: Targeted Technical Assistance, Policy Analysis and Training
Julie Witcover	Colin Murphy	Inst of Transportation Studies	Low Carbon Fuels and Policy - Targeted Technical Assistance, Policy Analysis, and Training for Low Carbon Fuel Standard Jurisdictions and Stakeholders In and Beyond the Pacific Coast Collaborative
Julie Witcover	Colin Murphy	Inst of Transportation Studies	Alternative Jet Fuel in California - Modeling LCFS Policy Scenarios and Air Quality Impacts
Yan Xing		Inst of Transportation Studies	TO 052 - 65A0686 - Exploring the Consumer Market and Environmental Impacts of Microtransit Services in Sacramento and Citrus Heights, California
John Durand		Institute of the Environment	Hydrodynamic influences on the food webs of restoring tidal wetlands
Erica Fleishman		Institute of the Environment	Relations among cheatgrass-driven fire, climate, & sensitive-status birds across Great Basin
Erica Fleishman		Institute of the Environment	Engagement of managers and researchers on relations among cheatgrass-driven fire, climate, and sensitive-status birds across the Great Basin
Steven Grodsky	Rebecca Hernandez	Institute of the Environment	Impacts of solar energy development on desert wildlife and ecosystem services: Guidance for Best Management Practices, siting decisions, conservation planning, and ecosystem resiliency
Jonathan Herman	Cathryn Lawrence	Institute of the Environment	INFEWS/T2: The sustainability-productivity tradeoff: Water supply vulnerabilities and adaptation opportunities in California's coupled agricultural and energy sectors
Rebecca Hernandez	Steven Grodsky	Institute of the Environment	Informing multi-scale conservation of pollinators and other useful invertebrates at solar energy facilities in the Desert Renewable Energy Conservation Plan area
Rebecca Hernandez	Steven Grodsky	Institute of the Environment	Bolstering the ecologic and economic viability of floating photovoltaic solar energy: water quality, PV panel soiling, and wildlife

Benjamin Houlton		Institute of the Environment	Planning and Implementation of Prescribed Burns in the Power Fire
Benjamin Houlton		Institute of the Environment	Effects of Prescribed Fire on Wildfire Burned Mixed Conifer
Benjamin Houlton		Institute of the Environment	California Collaborative for Climate Change Solutions (C4S) Agricultural Innovation Center - A Reimagined California: Leadership in Climate Change Solving Agriculture
Margarita Huesca-Martinez	Susan Ustin	Institute of the Environment	Biodiversity assessment along a moisture gradient in tropical deciduous forests in India using AVIRIS-NG data
Margarita Huesca-Martinez		Institute of the Environment	Biodiversity assessment along a moisture gradient in tropical deciduous forests in India using AVIRIS-NG data
Carson Jeffres	Ann Willis	Institute of the Environment	Restoration Benefits of the Northeast Delta Landscape: Monitoring and Modeling to Link Physical Process, Food Web, and Fish Across a Landscape Gradient
Carson Jeffres		Institute of the Environment	Restoration Benefits of the Northeast Delta Landscape: Monitoring and Modeling to Link Physical Process, Food Web, and Fish Across a Landscape Gradient
Catherine Koehler		Institute of the Environment	Fire Safety Improvements for the McLaughlin Reserve
Samuel Luoma	Lauren Muscatine	Institute of the Environment	San Francisco Estuary and Watershed Science (SFEWS) Journal
Michael Miller		Institute of the Environment	Reconstructing juvenile salmon growth, condition and Delta habitat use in the 2014-15 drought and beyond
Malcolm North		Institute of the Environment	Drought resilience under restored fire regimes: Which stand structures, site conditions, and fire histories lower tree mortality?
Maxwell Odland	Maxwell Odland	Institute of the Environment	What Prescribed Fire Conditions Best Replicate Active Fire Regime Effects on Understory Diversity?
Steven Ostoja		Institute of the Environment	Vegetation Management and Restoration Guidebook
Steven Ostoja		Institute of the Environment	Support for the Science Advisory Panel of the Forest Management Task Force
Steven Ostoja		Institute of the Environment	TO 6: Regional Roundtables for Implementing Natural Climate Solutions within California
Steven Ostoja		Institute of the Environment	Climate Informed Framework
Steven Sadro	S Schladow	Institute of the Environment	Determining seasonal sensitivity of periphyton metabolism to climate warming
S Schladow		Institute of the Environment	Enhanced Stormwater Resource Plan - Technical Advisory Committee
Mark Schwartz		Institute of the Environment	Post-Fire Reforestation/Restoration Research and Monitoring-Vegetation (Moonlight Fire)
Mark Schwartz		Institute of the Environment	Salvage logging and climate change effects on post-wildfire restoration

Mark Schwartz	James Thorne	Institute of the Environment	Berryessa Snow Mountain National Monument postfire ecosystem management prioritization and implementation
Mark Schwartz	Elisabeth Middleton	Institute of the Environment	Southwest Climate Adaptation Science Center
Mark Schwartz		Institute of the Environment	Improving and accelerating the application of research findings to key natural-resource management issues in California
Mark Schwartz	Steven Ostoja	Institute of the Environment	58-2032-1-059: Advancing Applied Climate Science Action for Diverse Agro-ecological Applications Across California
Mark Schwartz	Steven Ostoja	Institute of the Environment	California reforestation management toolshed: An integrated web-based dashboard of existing resources.
Susan Ustin		Institute of the Environment	Addressing Water Management for Woody Perennial Crops under Increasing Temperatures in Mid-Century and End-of-Century Climate Conditions
Susan Ustin		Institute of the Environment	Developing Resilient Reforestation Strategies: Regeneration Spatial Pattern and Growth of Conifers in Active-Fire Forests
Susan Ustin		Institute of the Environment	UCD Russell Ranch 2019 Climate Horticulture Research Pilot
Susan Ustin	Steven Ostoja	Institute of the Environment	Climate Smart Agriculture Resources Workbook for CA Specialty Crops
Susan Ustin		Institute of the Environment	58-2032-0-054 - Accelerating Climate Strategies to Support Climate Adaptation, Decision Support, Carbon Neutrality and Co-benefits
Susan Ustin	Shruti Khanna	Institute of the Environment	Field data collection and mapping of aquatic vegetation in the Sacramento-San Joaquin Delta and Suisun Marsh during drought year 2021
Sarah Yarnell-Hayes		Institute of the Environment	A demonstration of the carbon sequestration and biodiversity benefits of beaver and beaver dam analogue restoration techniques
Sarah Yarnell-Hayes		Institute of the Environment	Assessing the Potential of Landsat Imagery for Measuring the Extent and Persistence of Surface Water in Meadow Habitats for the Yosemite Toad, Sierra Nevada Yellow-Legged Frog, and Southern Mountain Yellow-Legged Frog
Katherine Adams		Instituteofglobalnutrition	Micronutrient Action Policy Support (MAPS) Project
Charles Arnold		Instituteofglobalnutrition	Reach Up Childhood Parenting Programme
Charles Arnold		Instituteofglobalnutrition	Study of Multiply-Fortified Salt Among Women of Reproductive Age in India
Kenneth Brown		Instituteofglobalnutrition	Study of Multiply-Fortified Salt Among Women in Reproductive Age in Haryana India
Kenneth Brown		Instituteofglobalnutrition	The effects of multiply-fortified salt on the micronutrient status of preschool-aged children in Punjab, India

Kenneth Brown		Instituteofglobalnutrition	Product development and market introduction of double-fortified salt (DFS) in Ethiopia
Reina Engle-Stone	Stephen Vosti	Instituteofglobalnutrition	Estimating the nutritional benefits and cost-effectiveness of micronutrient interventions in Haiti
Reina Engle-Stone	Stephen Vosti	Instituteofglobalnutrition	Accelerating reduction of micronutrient deficiencies in West Africa through fortified bouillon cube
Reina Engle-Stone		Instituteofglobalnutrition	Assessing the contribution of fortified sugar to vitamin A intakes and status in Zambia
Sonja Hess Brown		Instituteofglobalnutrition	Technical support to advocate for the improvement and expansion of micronutrient estimates in the Global Burden of Disease report. Phase 1: Creating a shared understanding of the current assumptions and methods used by the Institute for Health Metrics and
Sonja Hess Brown		Instituteofglobalnutrition	Fruit and vegetables for sustainable healthy diets (FRESH)
Elizabeth Prado	Amanda Guyer	Instituteofglobalnutrition	Neural mechanisms of protective effects of early nutrition on the development of social-emotional difficulties among children in Ghana
Elizabeth Prado	Amanda Guyer	Instituteofglobalnutrition	Investigation of a new sequential multiple hit model to examine risk and resilience in a prospective longitudinal cohort of children in Ghana
Christine Stewart	Ermias Kebeab	Instituteofglobalnutrition	Increasing the consumption of animal-source foods among the very poor in Mozambique, while keeping within planetary boundaries and avoiding increasing risks of non-communicable diseases (NCDs)
Cort Anastasio		Land Air & Water Resources	Phenol reactions in aqueous particles as a source of secondary organic aerosol
Cort Anastasio	Davide Donadio	Land Air & Water Resources	Environmental Photochemistry at the Air-Ice Interface
Cort Anastasio	Tran Nguyen	Land Air & Water Resources	Collaborative Research: Multiphase sulfur and nitrogen chemistry in air and snow during ALPACA
Helen Dahlke		Land Air & Water Resources	Using Nanotechnology to Identify and Characterize Flow Pathways in Hydrologic Systems
Helen Dahlke		Land Air & Water Resources	Agricultural Groundwater Recharge Study (AGRS)
Helen Dahlke		Land Air & Water Resources	Suitability of alfalfa forage crops for winter groundwater recharge
Helen Dahlke	Anjali Gupta	Land Air & Water Resources	CNH-L: The Dynamics of Water Supplies, Land Use, and Disadvantaged Communities
Helen Dahlke		Land Air & Water Resources	Effects of Forest Stand Density Reduction on Nutrient Cycling and Nutrient Transport at the Caspar Creek Experimental Watersheds
Helen Dahlke	Samuel Sandoval Solis	Land Air & Water Resources	Regional Aquifer Management: Hydrology of Managed Aquifer Recharge in the Central Valley Aquifer and Mississippi Embayment

Helen Dahlke		Land Air & Water Resources	Increasing agricultural water availability through agricultural groundwater recharge
Helen Dahlke		Land Air & Water Resources	A Field Study to Evaluate the Impacts of On-farm Recharge on the Leaching Behavior of Agricultural Pesticides
Helen Dahlke	Anthony O'Geen	Land Air & Water Resources	Developing science-based approaches to managed agricultural groundwater recharge in California's Central Valley
Helen Dahlke		Land Air & Water Resources	Strategies to Augment Water Supply Through On-Farm Recharge on Pecans as a Key Element for Groundwater Sustainability Under the Sustainable Groundwater Management Act
Helen Dahlke		Land Air & Water Resources	Implementation of the Stream Aquifer Flow Exchange (SAFE) method into IWFM
Helen Dahlke		Land Air & Water Resources	59-2032-1-004: Synergistic Managed Aquifer Strategies to Sustain Irrigated Agriculture
Helen Dahlke	Isaya Kisekka	Land Air & Water Resources	Quantifying the environmental effects of implementing managed agricultural aquifer recharge in agricultural production systems.
Helen Dahlke		Land Air & Water Resources	Synergistic Managed Aquifer Strategies to Sustain Irrigated Agriculture: 58-2032-1-014
Helen Dahlke		Land Air & Water Resources	Securing a climate resilient water future for agriculture and ecosystems through innovation in measurement, management, and markets
Helen Dahlke		Land Air & Water Resources	58-2032-1-045: Determining Subsurface Hydraulic Properties and Water Content Using Geophysical Methods and Limited Soil/Sediment Datasets
Helen Dahlke		Land Air & Water Resources	Watershed Simulations for Climate Resilience
Ian Faloona		Land Air & Water Resources	2C- Emission Inventories from Natural Gas Storage Facilities using Regional Frequency Comb Laser Monitoring and Aircraft Flyovers
Graham Fogg		Land Air & Water Resources	Water Resource Innovation Project (WRIP) with Valley Water (VW)
Laura Foglia	Laura Foglia	Land Air & Water Resources	Headwaters to groundwater: Resources in a changing climate
Laura Foglia	Samuel Sandoval Solis	Land Air & Water Resources	PHASE 2 OF THE UKIAH VALLEY BASIN GROUNDWATER SUSTAINABILITY PLAN
Laura Foglia		Land Air & Water Resources	Integrated Assessment of Climate Impacts on Ecosystem Functions and Productivity of Critical-Zone Eco-Hydrology
Daniel Geisseler		Land Air & Water Resources	Assessment of Harvested and Sequestered Nitrogen Content to Improve Nitrogen Management in Perennial Crops

Daniel Geisseler		Land Air & Water Resources	Evaluation of Nitrogen Uptake and Applied Irrigation Water in Asian Vegetables Bok Choy, Edible Chrysanthemum, Chives, Moringa, and Lemongrass
Daniel Geisseler	Jorge Rodrigues	Land Air & Water Resources	Determining the relationship between soil health and stress indicators for plants and soil microbial communities
Daniel Geisseler		Land Air & Water Resources	Optimizing access of drip irrigated organic fresh market tomatoes to soil nitrogen through grafting and irrigation management
Daniel Geisseler	Konrad Mathesius	Land Air & Water Resources	Development of site-specific nitrogen fertilization recommendations for annual crops
Daniel Geisseler		Land Air & Water Resources	Assessment of Harvested and sequestered Nitrogen Content to Improve Nitrogen Management in Crops, Phase 2
Thomas Harter		Land Air & Water Resources	Estimating unsaturated zone N fluxes and travel times to groundwater at watershed and principal-aquifer scales
Thomas Harter		Land Air & Water Resources	Central Valley CEAP
Thomas Harter		Land Air & Water Resources	Evaluating HFLC Nitrogen Management Strategies to Minimize Reactive Nitrogen Mobilization from California Almond Orchards
Thomas Harter		Land Air & Water Resources	Scott Valley Groundwater Sustainability Plan
Thomas Harter		Land Air & Water Resources	Shasta Valley Groundwater Sustainability Plan
Thomas Harter		Land Air & Water Resources	Butte Valley Groundwater Sustainability Plan
Thomas Harter		Land Air & Water Resources	Scott River Groundwater Study Scenario Implementation
Thomas Harter	Isaya Kisekka	Land Air & Water Resources	Irrigation and Nitrogen Management and Monitoring to Improve Almond Production While Minimizing Groundwater Nitrate
Thomas Harter		Land Air & Water Resources	Central Valley CEAP
Thomas Harter	Isaya Kisekka	Land Air & Water Resources	Irrigation and Nitrogen Management, Monitoring, and Assessment to Improve Nut Production While Minimizing Nitrate Leaching to Groundwater
Thomas Harter		Land Air & Water Resources	58-2032-1-060: Application of a Watershed Model to Assess Groundwater Sustainability Under Changing Climatic and Management Scenarios
Thomas Harter		Land Air & Water Resources	Consortium Agreement for the National Alliance for Water Innovation (NAWI)
Thomas Harter		Land Air & Water Resources	Scott River Drought Management Modeling
Peter Hartsough		Land Air & Water Resources	Central Valley CEAP Wetlands
Peter Hartsough		Land Air & Water Resources	Advancing Flow Measurement Capabilities from Forest Restoration in Northern California

Rebecca Hernandez		Land Air & Water Resources	Quantifying and Valuing Fundamental Characteristics and Benefits of Floating Photovoltaic Systems
Rebecca Hernandez	Majdi Abou Najm	Land Air & Water Resources	Ecological Restoration for Techno-Ecological Synergies of Solar Energy: Promoting Vegetation, Pollinators, Soil Quality, and Ecosystem Services
Peter Hernes		Land Air & Water Resources	Impacts of estuarine processes on delivery of Arctic riverine materials to the near coastal environment: Implications for water quality and biogeochemical cycling in Preparation for Arctic-COLORS
Peter Hernes	Tomofumi Kurobe	Land Air & Water Resources	The role of wetlands in pelagic food webs: metagenomics reveals how wetland plant detritus may promote zooplankton growth and survival
Peter Hernes		Land Air & Water Resources	20-CARBON20-0091, Arctic Deltas and Coastal Margins as Buffers and Transformers of Carbon Along a Rapidly Changing Land-Ocean Continuum
Peter Hernes		Land Air & Water Resources	How Delta food webs have changed: integrating detrital material into the Delta food web puzzle
William Horwath		Land Air & Water Resources	Alternative agricultural management strategies to reduce runoff and improve water quality
William Horwath		Land Air & Water Resources	WSC Category 3: Agricultural sensitivity to climate change and water resources interactions in the San Joaquin Valley, Calif. and system resilience offered by adaptation strategies
William Horwath		Land Air & Water Resources	Evaluation of certified organic fertilizers for long-term nutrient planning
William Horwath		Land Air & Water Resources	Development of COMET-Farm and Greenhouse Gas Accounting for Specialty Crops
William Horwath		Land Air & Water Resources	Assessing nitrate leaching hazard from groundwater recharge in almonds
William Horwath	Xia Zhu Barker	Land Air & Water Resources	Developing N management plan on incorporation of organic soil amendment inputs with fertilizer N
William Horwath		Land Air & Water Resources	The Role of Nitrification in Rice Systems to Support Nitrogen Use Efficiency
William Horwath		Land Air & Water Resources	Coastal fog-mediated interactions between climate change, upwelling, and coast redwood resilience: Projecting vulnerabilities and the human response
William Horwath		Land Air & Water Resources	Development of COMET-Farm and Greenhouse Gas Accounting for Specialty Crops
William Horwath		Land Air & Water Resources	Strengthening the Climate Resilience of Central Coast Specialty Crops with Organic Amendments Using the COMET-Farm Tool

William Horwath		Land Air & Water Resources	Application of vermicompost to improve agricultural soil health and reduce greenhouse gas emissions
William Horwath		Land Air & Water Resources	Developing nitrogen management strategies for leafy greens using soil health metrics
William Horwath		Land Air & Water Resources	Soil Organic Carbon Study in California
William Horwath		Land Air & Water Resources	Liquid and Soil Sample Collection and Analyses of Dairy Digestate and Lagoon Effluent during Storage and Land Application Phases
William Horwath		Land Air & Water Resources	Literature review on the estimated carbon sequestration and greenhouse gas emissions reductions associated with a variety of practices in almonds
William Horwath		Land Air & Water Resources	Evaluation of certified organic fertilizers for long-term nutrient planning
William Horwath		Land Air & Water Resources	Continued monitoring of nitrogen management strategies for leafy greens using soil health metrics
Adele Igel		Land Air & Water Resources	AMPLifying the Simulation of Clouds and Precipitation
Adele Igel		Land Air & Water Resources	Observational Assessment of Aerosol Impacts on Updraft Speed in Deep Convection
Matthew Igel		Land Air & Water Resources	Assessing the Tropical Two-Layer Moisture-Precipitation Paradigm
Yufang Jin		Land Air & Water Resources	The Future of California Drought, Fire and Forest Dieback
Yufang Jin	Anthony O'Geen	Land Air & Water Resources	Innovation Center for Advancing Ecosystem Climate Solutions
Yufang Jin	Yong Jae Lee	Land Air & Water Resources	Multi-source Wildland Urban Interface Characterization Enhanced with Machine Learning Technique: Dynamics and Hazard Assessment
Yufang Jin	Patrick Brown	Land Air & Water Resources	Tree-based multilevel spatial decision support systems to close the yield gap in almond orchards
Yufang Jin	Leslie Roche	Land Air & Water Resources	Integrated field and satellite-based decision support system for climate-resilient and sustainable ranches and rangelands across California
Isaya Kisekka		Land Air & Water Resources	Advances in Water Limited Irrigation Management
Isaya Kisekka		Land Air & Water Resources	Sustaining Agriculture through Adaptive Management to Preserve the Ogallala Aquifer under a Changing Climate
Isaya Kisekka		Land Air & Water Resources	Sustaining Agriculture through Adaptive Management to Preserve the Ogallala Aquifer under a Changing Climate
Isaya Kisekka		Land Air & Water Resources	Improving Irrigation Scheduling for Almonds Using Variable Rate Microirrigation, Soil, and Plant Water Status Monitoring.
Isaya Kisekka		Land Air & Water Resources	Advanced Irrigation Management for Young and Mature Almond Orchards

Isaya Kisekka		Land Air & Water Resources	Precision irrigation management for optimizing in-season and post-harvest use of limited water in young and mature almond orchards
Isaya Kisekka		Land Air & Water Resources	Developing a New Foundational Understanding of SAR-Soil Structure Interactions to Provide Management Options for Recycled Water Use in Agriculture
Isaya Kisekka		Land Air & Water Resources	Integrating soil moisture, plant monitoring and satellite imagery for site specific irrigation scheduling in walnuts
Isaya Kisekka		Land Air & Water Resources	A Data-Driven Framework of Climate-Smart Analytics for Irrigation Management
Isaya Kisekka		Land Air & Water Resources	Assessing the State of Knowledge and Impacts of Recycled Water Irrigation on Agricultural Crops
Isaya Kisekka		Land Air & Water Resources	Integrating soil moisture, plant monitoring and satellite imagery for site specific irrigation scheduling in walnuts
Isaya Kisekka		Land Air & Water Resources	Satellite-based Precision Irrigation and Nitrogen Management for Processing Tomatoes
Isaya Kisekka		Land Air & Water Resources	Data-driven Smart Irrigation for Almond Orchards
Isaya Kisekka		Land Air & Water Resources	Integrating soil moisture, plant monitoring, and daily satellite imagery for site-specific irrigation scheduling in walnuts
Isaya Kisekka	Mallika Nocco	Land Air & Water Resources	Sustaining Groundwater and Irrigated Agriculture in the Southwestern United States under a Changing Climate
Isaya Kisekka		Land Air & Water Resources	58-2032-1-061: Linking Measured Root Zone Dynamics to Atmospheric and Subsurface Fluxes
Isaya Kisekka		Land Air & Water Resources	58-2032-1-065: Enhancing Water Adaptation in the Arid West
Isaya Kisekka		Land Air & Water Resources	Novel soil nitrate sensors for scalable and affordable fertilizer management in nut and vegetable crops
Isaya Kisekka		Land Air & Water Resources	Sony Soil Moisture Sensors
Alexander Koltunov	Susan Ustin	Land Air & Water Resources	Remote sensing science support to USFS regional priorities in ecosystem monitoring and resource and wildfire management
Maria Lazcano Larkin	Anthony O'Geen	Land Air & Water Resources	GC 2020: Assessment of the variability in soil health indicators and incorporating healthy soil management practices into the context of Napa Valley terroirs
Maria Lazcano Larkin	Anthony O'Geen	Land Air & Water Resources	GC 2021 Assessment of the variability in soil health indicators and incorporating healthy soil management practices in Paso Robles, Napa Valley and Lodi regions

Maria Lazcano Larkin	Amelie Gaudin	Land Air & Water Resources	Assessing the potential of regenerative agriculture to support vineyard soil health
Maria Lazcano Larkin	Mallika Nocco	Land Air & Water Resources	Assessing the potential of regenerative agriculture to support soil health and Carbon sequestration
Maria Lazcano Larkin		Land Air & Water Resources	58-2032-1-039: Defining Soil Health for Winegrape Production
Maria Lazcano Larkin	Jorge Rodrigues	Land Air & Water Resources	Assessment of the variability in soil health indicators and incorporating healthy soil management practices in Napa Valley, Paso Robles and Lodi regions.
Rebecca Lybrand		Land Air & Water Resources	CAREER: From Desert to Coastal Rainforest Soils- How do fungi transform minerals deployed across natural weathering gradients?
Rebecca Lybrand		Land Air & Water Resources	Advancing carbon cycle forecasts with global models of soil chemistry
Rebecca Lybrand		Land Air & Water Resources	Incipient Weathering of Mars Analog Soils in Iceland: Developing a cross-scale understanding of rock-derived elemental cycling
Erwan Monier		Land Air & Water Resources	An Integrated Framework for Climate Change Assessment
Erwan Monier		Land Air & Water Resources	Climate implications for natural ecosystems and their interactions with key sectors
Erwan Monier		Land Air & Water Resources	Region- and crop-specific assessment of the future climate risks to US agriculture productivity
Grey Nearing		Land Air & Water Resources	Grazing Land CEAP
Grey Nearing		Land Air & Water Resources	Terrestrial Environmental Rapid-Replicating Assimilation Hydrometeorology (TERRAHydro) System: A machine-learning coupled water, energy, and vegetation terrestrial Earth System Digital Twin
Mallika Nocco	Amelie Gaudin	Land Air & Water Resources	Understanding soil structural impacts on physiology, yield, and fruit quality in late-season deficit irrigated tomato
Mallika Nocco	Kate Scow	Land Air & Water Resources	Optimizing irrigation innovation, soil health, and salinity management in California processing tomato systems
Mallika Nocco		Land Air & Water Resources	Deficit irrigation and salinity impacts on processing tomato nutrition and quality
Mallika Nocco	Andrew McElrone	Land Air & Water Resources	Climate-smart irrigation for drought, energy, & structural resilience in almond systems
Mallika Nocco	Majdi Abou Najm	Land Air & Water Resources	Climate-smart Actions and Indicators for Increasing Available Water Capacity of California Soils
Anthony O'Geen		Land Air & Water Resources	Soil Life - Storytelling and Digital Media to Inspire Change from the Ground Up!
Anthony O'Geen		Land Air & Water Resources	Creating CASH: California Agricultural Soil Health

Anthony O'Geen		Land Air & Water Resources	Machine-Based Algorithms to Automate Soil Taxonomy
Anthony O'Geen	Helen Dahlke	Land Air & Water Resources	Techniques to minimize nitrate loss from the root zone during managed aquifer recharge
Anthony O'Geen		Land Air & Water Resources	An Initial Soil Organic Carbon Map and Data Repository for California Specialty Crop Systems
Anthony O'Geen		Land Air & Water Resources	Evaluating Soil Information Systems World Wide
Sanjai Parikh	Anthony O'Geen	Land Air & Water Resources	Evaluation of Biochar for On-Farm Soil Management in California
Sanjai Parikh	Bruce Linquist	Land Air & Water Resources	Determination of Arsenic Speciation in Rice and Environmental Sample
Sanjai Parikh		Land Air & Water Resources	Evaluation of Almond Shell and Soft Wood Derived Biochars as Soil Amendments
Sanjai Parikh		Land Air & Water Resources	Determination of Arsenic Speciation in Rice and Environmental Samples
Sanjai Parikh		Land Air & Water Resources	Evaluation of Almond Shell and Soft Wood Derived Biochars as Soil Amendments
Gregory Pasternack	Dipak Ghosal	Land Air & Water Resources	Yuba Hallwood Floodplain Restoration Temperature Assessment
Jorge Rodrigues		Land Air & Water Resources	Dimensions US-BIOTA-Sao Paulo: Collaborative Research: Integrating Dimensions of Microbial Biodiversity across Land Use Change in Tropical Forests
Jorge Rodrigues		Land Air & Water Resources	The strength of weak ties in ecology: scaling soil-plant-atmosphere interactions to quantify resilience and predict alterations of forest ecosystem functions
Jorge Rodrigues		Land Air & Water Resources	Breaking the Lignin Barrier with Termite TAV5 Treatment Technology (T4): Biopower and Biofuel from Agricultural Waste
Samuel Sandoval Solis		Land Air & Water Resources	Hydrologic Analysis of California Rivers for Environmental Flows
Samuel Sandoval Solis		Land Air & Water Resources	Hydrologic Characterization and Modeling for Evaluating Water Management Strategies on the Upper Eel River and Upper Russian River
Samuel Sandoval Solis		Land Air & Water Resources	Assessing Climate Variability and Adaptation Strategies for the Rio Grande Basin
Samuel Sandoval Solis		Land Air & Water Resources	Recovering of the regeneration capacity of high-altitude forests impacted by climate change
Samuel Sandoval Solis		Land Air & Water Resources	Rio Grande Resilient Basin Report Card: University of California-Davis
Radomir Schmidt		Land Air & Water Resources	Utilizing Large Particle Size Compost on Annual Row Crops to Sequester C, Improve Compost Affordability, and Increase Green Waste Recycling Efficiency
Radomir Schmidt		Land Air & Water Resources	Application of Compost to Alfalfa to Improve Soil Structure and Improve P and K Fertility

Radomir Schmidt	Kate Scow	Land Air & Water Resources	Processing tomato quality assessment under three different compost application regimes
Kate Scow	Israel Herrera	Land Air & Water Resources	Increasing Drought Resilience via Impacts of Manure Amendments on Microbial Communities in Integrated Dairy-Forage Cropping Systems
Kate Scow		Land Air & Water Resources	UC Consortium for Drought and Carbon Management (UC DroCaM)
Kate Scow		Land Air & Water Resources	TNC - UC Davis collaborative research on Soils and Climate
Kate Scow	Kate Scow	Land Air & Water Resources	Intensive annual vs. perennial forage cropping strategies to build soil health and nitrogen efficiency in transitioning tomato systems
Kate Scow	Patricia Conrad	Land Air & Water Resources	Sustainable Development for Improved HIV Health and Prevention in Kenya (SD4H-Kenya)
Kate Scow	Kate Scow	Land Air & Water Resources	Evaluating costs and benefits of organic-approved liquid injectable fertilizers to improve nutrient uptake and yields in tomato
Kate Scow		Land Air & Water Resources	Demonstration Activities for Scale Up of Smallholder Farmers Individual Irrigation in Uganda
Richard Snyder	Bruce Lampinen	Land Air & Water Resources	Updating information on evapotranspiration (ET) and crop coefficients (Kc) of micro-irrigated almond orchards grown in California for use in irrigation planning and scheduling decisions.
Kosana Suvocarev	Bruce Linquist	Land Air & Water Resources	Quantifying Water Use of Cover Crops in Rotation with Rice
Kosana Suvocarev		Land Air & Water Resources	Measuring cherry evapotranspiration and deriving crop coefficient (Kc) values for use in irrigation scheduling
Kosana Suvocarev	Bruce Linquist	Land Air & Water Resources	Quantifying Water Use of Cover Crops in Rotation with Rice
Kosana Suvocarev		Land Air & Water Resources	CIMIS footprint analysis with DWR
Kosana Suvocarev	Giulia Marino	Land Air & Water Resources	Plant based irrigation management in sweet cherry to reduce water needs while maintaining yield and quality
Paul Ullrich	Richard Grotjahn	Land Air & Water Resources	Tempest extremes: Indicators of change in the characteristics of extreme weather
Paul Ullrich	Richard Grotjahn	Land Air & Water Resources	An integrated evaluation of the simulated hydroclimate system of the continental US
Paul Ullrich	Richard Grotjahn	Land Air & Water Resources	An integrated evaluation of the simulated hydroclimate system of the continental US
Paul Ullrich		Land Air & Water Resources	Integrated Coastal Modeling
Susan Ustin		Land Air & Water Resources	Enhancement of delta smelt (<i>Hypomesus transpacificus</i>) habitat through adaptive management of invasive aquatic weeds in the Sacramento-San Joaquin delta

Qingfu Xiao		Land Air & Water Resources	Assessing the impact of California's drought on the extent and health of urban tree canopy in Los Angeles
Da Yang		Land Air & Water Resources	CAREER: Exploring the Role of Vapor Buoyancy in Clouds, Circulation and Climate
Daniele Zaccaria		Land Air & Water Resources	Updating Information on Evapotranspiration (ET) and Crop Coefficients (Kc) for Resource-efficient Irrigation Management of Mature Citrus Orchards in the San Joaquin Valley
Daniele Zaccaria		Land Air & Water Resources	Understanding the impacts of soil-water salinity on water uptake and consumptive use of mature pistachio orchards grown in the San Joaquin Valley with micro-irrigation
Daniele Zaccaria	Kyaw Paw U	Land Air & Water Resources	Investigating the effects of winter cover crops on evapotranspiration, water productivity and soil-water functions of mature micro-irrigated pistachio orchards in the water-limited context of the San Joaquin Valley.
Daniele Zaccaria		Land Air & Water Resources	DEVELOPMENT OF AN ONLINE DATABASE ON AGRICULTURAL MANAGEMENT PRACTICES FOR CLIMATE CHANGE RESILIENCY
Daniele Zaccaria		Land Air & Water Resources	Upscaling new findings on Pistachio water use (ET and Kc) to enhance irrigation scheduling and demand estimation in the water-limited context of the San Joaquin Valley
Daniele Zaccaria		Land Air & Water Resources	Investigating the effects of winter cover cropping on the radiation balance, soil-water dynamics, and water productivity of mature, micro-irrigated pistachio orchards
Minghua Zhang		Land Air & Water Resources	Application of GIS to Surface Water Regulatory Impacts on CA Agriculture
Minghua Zhang		Land Air & Water Resources	Assessment of Agricultural Pesticide Use and Water Quality Modeling to Predict Aquatic Weed Growth
Minghua Zhang		Land Air & Water Resources	Evaluation of Pesticide Impacts from Agricultural Practices on Watershed Ecosystems
Minghua Zhang		Land Air & Water Resources	Weifang Sino-US Food and Agriculture Innovation Center & UC Davis Partnership Program
Minghua Zhang		Land Air & Water Resources	A Site-specific Web-based BMP Evaluation System for Reducing Pesticide Loads in Surface Water of California
Minghua Zhang		Land Air & Water Resources	Analyses on Pesticide Use and Organic Product Use in California to Assist with Proactive IPM Solution and Water Quality Protection

Xia Zhu Barker	William Horwath	Land Air & Water Resources	Cover Crop Strategies to Tighten Nitrogen Cycling, Save Water, and Increase Soil Carbon in Walnut Orchards
Xia Zhu Barker	William Horwath	Land Air & Water Resources	Developing compost management guidelines for California tomato growers to improve soil health and reduce greenhouse gas emissions
Xia Zhu Barker	William Horwath	Land Air & Water Resources	Developing cover crop strategies for California walnut orchards to tighten nitrogen cycle, increase soil C sequestration and reduce greenhouse gas emissions
Xia Zhu Barker		Land Air & Water Resources	Improving N management guidelines for super-high-intensive olive orchards to use compost
Isaya Kisekka		Lawr - Hydrology Program	Advanced Framework for Optimizing Irrigation Management and Improving Resource Use Efficiency
Keith Graeber		Lighting Technology Center	Energy-Efficient Daylighting Solutions for Existing Buildings
Nicole Graeber		Lighting Technology Center	Exhibit A-7: Title 24 Lighting Video Updates & Technical Support for 2021
Nicole Graeber		Lighting Technology Center	Energy Code Lighting Language Cleanup Recommendations
Nicole Hathaway	Jae Suk	Lighting Technology Center	Renewable Energy & Advanced Lighting Systems for Exterior Applications
Michael Siminovitch		Lighting Technology Center	Expanding Career Pathways in the Electrical Industry: Increasing Workforce Development Opportunities in Disadvantaged Communities and Providing Inside Wireman Apprentices with Advanced Energy Efficiency Skills
Michael Siminovitch		Lighting Technology Center	Lighting Application Research Center for the Development and Evaluation of Demonstrative Projects of New Lighting Systems to Improve Energy Efficiency in the Private and Public Sector
Ricardo Castro		Materials Science&Engineering	Light and resilient blades for vertical-axis wind energy turbines/ Álabes ligeros y Resilientes para Generación de Energía Eólica por Turbinas Verticales
Jeffery Gibeling		Materials Science&Engineering	Evaluation of Creep Properties in Dispersion-Strengthened Multi-Principal Element Alloys
Cristina Davis		Mechanical & Aerospace Engr	A wearable monitor for pediatric asthma: Developing environmental and breath sensors linked to spirometry
Cristina Davis		Mechanical & Aerospace Engr	Evaluation of Panasonic NanoEX air filter system for wildfire-related chemical filtration
Cristina Davis		Mechanical & Aerospace Engr	Metabolomic assessment of citrus HLB therapies

Cristina Davis	Mechanical & Aerospace Engr	An Efficient and Effective Model for Analysis of Persistent Organic Pollutants (POPs) in Cetacean Blubber
Paul Erickson	Mechanical & Aerospace Engr	100 KW Fuel Cell Grade Hydrogen Production via the Reforming of Methanol
Zhaodan Kong	Mechanical & Aerospace Engr	Unmanned Aerial Vehicle Swarms for Large-Scale, Real-Time, and Intelligent Disaster Responses
Seongkyu Lee	Mechanical & Aerospace Engr	Rapid Development of Urban Air Mobility Vehicle Concepts Through Full-configuration Multidisciplinary Design, Analysis and Optimization
Xinfan Lin	Mechanical & Aerospace Engr	Multiphysics-based Autonomous Energy-Optimal Planning and Control of Multirotor Unmanned Aerial Vehicle
Vinod Narayanan	Mechanical & Aerospace Engr	ADDITIVELY-MANUFACTURED MOLTEN SALT-TO-SUPERCRITICAL CARBON DIOXIDE HEAT EXCHANGER
Jae Wan Park	Mechanical & Aerospace Engr	Demonstration of community scale low cost highly efficient PV and energy management system
Jae Wan Park	Mechanical & Aerospace Engr	Reusing Electric Vehicle Batteries for Low-Cost Energy Storage
Stephen Robinson	Mechanical & Aerospace Engr	Zero-G Technology Demonstration of Low-Cost Three-Axis CubeSat Attitude Control with Hard Disk Drive Reaction Wheels
Stephen Robinson	Mechanical & Aerospace Engr	Capturing Human Activities in Novel Gravitational Environments in Space (CHANGE)
Scott Dawson	Microbiology & Molec Genetics	Molecular mechanisms of attachment by the ventral disc in Giardia
Scott Dawson	Microbiology & Molec Genetics	The impact of Giardia metabolism in causing gastrointestinal dybiosis
Scott Dawson	Microbiology & Molec Genetics	Bioluminescent imaging of Giardia metabolism and role of parasite's virulence factors in host intestinal pathogenesis
Wolf Heyer	Microbiology & Molec Genetics	Targeting the ALT pathway to induce synthetic lethality and treat poor outcome tumors of children, adolescents and young adults
Katherine Ralston	Microbiology & Molec Genetics	The role of Entamoeba histolytica trophocytosis (trogo-: nibble) in the pathogenesis of amoebiasis
John Albeck	Molecular & Cellular Bio	Balancing metabolic-signaling homeostasis to treat and prevent diseases of the lung epithelium
Elisabeth Middleton	Hulleah Tsinhnahjinnie	Native American Studies
		Gifting Knowledge: Centering Tribal Stories of Cultural Preservation in Difficult Times

Elisabeth Middleton		Native American Studies	Future of Fire in the Southwest: Towards a National Synthesis of Wildland Fire Under a Changing Climate
Elisabeth Middleton		Native American Studies	Removing Dams and Restoring Tribal Homelands
Elisabeth Middleton		Native American Studies	Understanding policy regarding tribal stewardship/cultural burning on public lands
Elisabeth Middleton	Carlie Domingues	Native American Studies	Traditional Burning as a Climate Adaptation Strategy
Elisabeth Middleton	James Thorne	Native American Studies	Indigenous-Led Climate Adaptation Strategies: Integrating Landscape Condition, Monitoring, and Cultural Fire with the North Fork Mono Tribe
Justin Spence	Elisabeth Middleton	Native American Studies	Sustainable Futures for California's Indigenous Languages: Resource Development, Training, and Visibility
William Casey		Neat	The Oregon Green Chemistry Institute
Louise Kellogg		Neat	Deep Carbon Modeling and Visualization Forum
Keith Baar	Michael Mienaltowski	Neuro Physio & Behavior	Exercise and Nutrition to Treat Tendinopathy
Rebecca Calisi		Neuro Physio & Behavior	Wild Hope Adventures: Puerto Rico. An uplifting video adventure series about wildlife resilience post Hurricane Maria
Natalia Caporale		Neuro Physio & Behavior	RCN-UBE Inclusive Environments and Metrics in Biology Education and Research (iEMBER)
Victoria Farrar		Neuro Physio & Behavior	Better with age? Examining the separate effects of age and reproductive experience on the parental brain in a biparental bird
Charles Fuller	Edward Robinson	Neuro Physio & Behavior	Adaptation of Mouse Systems Physiology to Artificial Gravity via Centripetal Acceleration: Timing, Metabolism & Aging
John Furlow	Brenda Mengeling	Neuro Physio & Behavior	Retinoid-X receptors: nuclear receptor signaling hubs and novel targets of endocrine disruption
Mark Huisig		Neuro Physio & Behavior	Microenvironmental cues control pancreas cell fate and beta-cell maturation
Amy Miles		Neuro Physio & Behavior	Investigating Incipient Speciation Through Allochrony: population structure and reproductive phenology in the ashy storm-petrel
Craig Warden	Liping Huang	Neuro Physio & Behavior	Identifying genes that influence severity or development of type 2 diabetes and/or kidney disease in obese Zucker rats
John Wingfield		Neuro Physio & Behavior	Modulation of the Adrenocortical Responses to Environmental Perturbations of the Environment
Joanne Arsenault		Nutrition	Harnessing food demand systems for improved nutrition in Sub-Saharan Africa
Lauren Au		Nutrition	Disparities in the Relationship Between the School Nutrition Environment and Childhood Obesity

Lauren Au		Nutrition	Increasing fruit and vegetable intake in low-income children under 5: Piloting expansion of the WIC Cash Value Benefit
Lauren Au		Nutrition	Improving WIC Services: Identifying Children at Risk for Obesity in the First 24 Months of Life
Maxwell Barffour		Nutrition	Effects of zinc alone versus multiple micronutrients on IGFBP3, IGF1, and growth in Laotian children
Kathryn Dewey		Nutrition	Development and Evaluation of Lipid-Based Nutrient Supplements (LNS) for Prevention of Malnutrition: An Innovative Food-Based Approach
Reina Engle-Stone	Kenneth Brown	Nutrition	Monitoring and Evaluation of Large-Scale Food Fortification in Cameroon
Reina Engle-Stone	Stephen Vosti	Nutrition	Cost-Effectiveness of multiple micronutrient supplements compared to iron-folic acid supplements for improving health, nutritional status
Andrew Hall	Roberta Holt	Nutrition	Effects of Zinc Biofortified Rice Intake on Fatty Acid Desaturase (FADS) Activities in Bangladeshi Children
Andrew Hall	Roberta Holt	Nutrition	Biofortification with Zinc and Iron for Eliminating Deficiency in Pakistan (
Ming-Fo Hsu		Nutrition	Hepatic protein-tyrosine phosphatase1B and alcoholic liver disease
Peng Ji	Yanhong Liu	Nutrition	Effects of an enzyme (FE) on performance and gut health of weanling pigs experimentally infected with a pathogenic E. coli
Carl Keen		Nutrition	Probe study examining the influence of freeze dried strawberry intake on the microbiome
Carl Keen	Robert Hackman	Nutrition	The influence of daily strawberry intake on vascular health in elderly men
Deanne Meyer	Peter Robinson	Nutrition	Characterize physical and chemical properties of manure in California dairy systems to improve greenhouse gas (GHG) emission estimates
Harriet Okronipa		Nutrition	Palatability and acceptance of nutrition supplements in infants and toddlers: Quantitative and qualitative indicators in the field
Carolyn Slupsky		Nutrition	Digestion, absorption, post-prandial metabolic response, and utilization of tryptophan in neonatal piglets fed an a-lactalbumin-enriched diet
Francene Steinberg		Nutrition	Laboratory Support of Human Nutrition Trials on Diet and Immune Function
Francene Steinberg	Carl Keen	Nutrition	Nutrition and Childhood Obesity Training Program
Francene Steinberg		Nutrition	Laboratory Support of Human Nutrition Trials on Diet and Immune Function
Francene Steinberg		Nutrition	Collaborative Research in Human Nutrition (58-2032-7-049)

Christine Stewart	Angela Zivkovic	Nutrition	The Mazira project: An evaluation of eggs during complementary feeding in rural Malawi
Christine Stewart		Nutrition	Effects of Supplementation and Stimulation on Child Development: the MAHAY study
Angela Zivkovic	Carlito Lebrilla	Nutrition	Glycosylation in Alzheimer's Disease
Sarah McCullough	Kalindi Vora	Or:Feminist Research Institute	IGE: A pathway to inclusion for STEM researchers
Sarah McCullough	Amanda Crump	Or:Feminist Research Institute	Asking Different Questions in Climate Change Science, Impact, Mitigation and Adaptation
Marusa Bradac	Rena Zieve	Physics	Conference for Undergraduate Women in Physics (CUWiP) at UC Davis
Michael Gregg		Physics	Exploring Cosmic Voids with GALEX: Stellar Populations and Primordial Jeans Mass Objects
Tucker Jones		Physics	Accurate Emission Line Diagnostics at High Redshift
Samuel Schmidt		Physics	Pipeline Infrastructure Operations Personnel effort for the LSST Dark Energy Science Collaboration
Nicholas Spada	Nicholas Spada	Physics	Collection and Analysis of GEOSummit Aerosols
J. Anthony Tyson		Physics	EAGER: Impact of LEO Satellite Constellations on Optical Astronomy: Measurement, Simulation, Mitigation, and Forecast
Savithamma Dinesh-Kumar		Plant Biology	Deciphering resistance-breaking mechanism of Tomato brown rugose fruit virus
Savithamma Dinesh-Kumar		Plant Biology	Improving scalable banana agronomy for small scale farmers in highland banana cropping systems in East Africa
Philipp Zerbe		Plant Biology	Improved Biofuel Production through Discovery and Engineering of Terpene Metabolism in Switchgrass
Kendra Baumgartner		Plant Pathology	GC 2020: TRUNK-DISEASE MANAGEMENT IN CALIFORNIA TABLE GRAPES
Kendra Baumgartner		Plant Pathology	GC 2021: PROTECTANTS FOR TRUNK-DISEASE MANAGEMENT IN CALIFORNIA TABLE GRAPES
Richard Bostock	Steven Seybold	Plant Pathology	Selection of susceptible walnut hosts by the walnut twig beetle: New avenues for managing thousand cankers disease - 33854
Richard Bostock		Plant Pathology	Evaluating the effectiveness of best management practices to control Phytophthora in restoration and native plant nurseries
Richard Bostock		Plant Pathology	Detection of asymptomatic root infections by Phytophthora species
Richard Bostock	Daniel Kluepfel	Plant Pathology	Effective Management of Thousand Cankers Disease of Walnut through Disruption of Insect Vector Behavior

Richard Bostock		Plant Pathology	Enhancing diagnostics of cyst forming nematodes of the genus Globodera
Richard Bostock		Plant Pathology	Enhancing diagnostics of cyst forming nematodes of the genus Heterodera
Richard Bostock		Plant Pathology	Enhancing diagnostics of cyst forming nematodes of the genus Globodera
Tania Brenes-Arguedas		Plant Pathology	NPDN Analysis -Making Diagnostic Lab Data Available to a Wider Audience
Greg Browne		Plant Pathology	Diagnostics and Non-Fumigant Management Approaches for Prunus Replant Disease
Greg Browne		Plant Pathology	Non-Fumigant Approaches and Diagnostics for Orchard Replacement and Soilborne Disease Management
Greg Browne		Plant Pathology	Almond Orchard Recycling - 2018/19
Greg Browne		Plant Pathology	Non-Fumigant Approaches and Diagnostics for Orchard Replacement and Soil Borne Disease Management
Greg Browne		Plant Pathology	Almond Orchard Recycling - 2012-21
Clare Casteel		Plant Pathology	Exploring mechanisms mediating plant-virus-herbivore interactions in legume crops
Gitta Coaker		Plant Pathology	A scalable bioassay for culturing CLAs and high-throughput screening of novel antimicrobials for HLB management
Gitta Coaker	Neil McRoberts	Plant Pathology	Exploiting pattern triggered immunity to combat HLB
Gitta Coaker		Plant Pathology	Immune perception of bacterial pathogens in plants
Gitta Coaker		Plant Pathology	Protease effectors of Clavibacter bacteria and their role in regulating disease on Solanaceous crops
Douglas Cook		Plant Pathology	A Reverse-Introgression And Community Genomics Strategy To Enrich And Characterize Legume Germplasm For Climate-Resilience Traits
Douglas Cook		Plant Pathology	Phenotyping for Climate Resilience in Chickpea's Wild Progenitor Species
Douglas Cook		Plant Pathology	Application of genomics to innovation in the lentil economy (AGILE)
Douglas Cook		Plant Pathology	A Reverse-Introgression And Community Genomics Strategy To Enrich And Characterize Legume Germplasm For Climate-Resilience Traits
Douglas Cook		Plant Pathology	Phenotyping for Climate Resilience in Chickpea's Wild Progenitor Species
Douglas Cook		Plant Pathology	Legume Scholars Program
Douglas Cook		Plant Pathology	Development of genetic populations for gene discover and crop improvement in chickpea

Douglas Cook		Plant Pathology	Leveraging Existing International Germplasm to Deliver Improved Acid Soil Tolerance Chickpea for Australian Growers (GRDC/USA/Ethiopia Initiative)
Johanna Del castillo munera		Plant Pathology	Research to Support Restoration Nursery Best Management Practices and Accreditation - Testing Protocols
Johanna Del castillo munera	Cassandra Swett	Plant Pathology	Characterizing and assessing risk of emerging fungal and bacterial pathogens of melons (and other cucurbit crops) across the nursery-field production continuum
Johanna Del castillo munera		Plant Pathology	Disease diagnostics and monitoring of recurrent and new pathogens of the ornamental industry in California
Johanna Del castillo munera		Plant Pathology	Characterizing the emergent pathogen Sclerotinia minor in ornamentals crops in California and evaluating an integrated approach for disease management
Johanna Del Castillo Munera	Cassandra Swett	Plant Pathology	Developing best management practices for diseases in newly emerging vegetable transplant production systems in California
Johanna Del Castillo Munera		Plant Pathology	Developing best management practices for diseases in newly emerging vegetable transplant production systems in California
Johanna Del Castillo Munera		Plant Pathology	Developing a rapid diagnostics tool for Phytophthora species infecting ornamental nurseries in the US
Johanna Del Castillo Munera		Plant Pathology	San Diego Botanical Garden -UC Davis collaboration: Identification and characterization of fungal pathogens infecting Opuntia
Johanna Del Castillo Munera		Plant Pathology	Control strategies for Phytophthora root rot and continued disease diagnostics of the ornamental industry in California
Joanne Emerson		Plant Pathology	Etiology of Cherry Stem Pitting Disease in California
Joanne Emerson		Plant Pathology	Evaluating the link between Cauliflower mosaic virus (CaMV) infection and false-positive GMO detection in organic farms
Joanne Emerson		Plant Pathology	Cross-Kingdom Interactions: the Foundation for Nutrient Cycling in Grassland Soils
Joanne Emerson	Amanda Hodson	Plant Pathology	Viruses in soil: untapped resources for understanding soil health and mitigating plant disease
Joanne Emerson		Plant Pathology	Investigating the diversity and distribution of fungal viruses in soil
Joanne Emerson		Plant Pathology	Microbes Persist: Systems Biology of the Soil Microbiome
Lynn Epstein		Plant Pathology	Fusarium yellows in celery: breeding and maintaining resistance, and integrated control

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Lynn Epstein		Plant Pathology	Genomic Tools for Breeding for Resistance in Celery to <i>F. Oxysporum</i> f. sp. <i>apii</i> Race 4 (Foa Race 4)
Akif Eskalen		Plant Pathology	Risk, spread and biocontrol of <i>Fusarium dieback</i> -Shot Hole Borers (<i>Euwallacea</i> spp.) in California
Akif Eskalen		Plant Pathology	Effect of soil inoculum density of <i>Fusarium oxysporum</i> f. sp. <i>fragariae</i> on development of <i>Fusarium</i> wilt
Akif Eskalen		Plant Pathology	GC: 2019 Controlling Grapevine Trunk Diseases in California
Akif Eskalen		Plant Pathology	Risk, spread and biocontrol of <i>Fusarium dieback</i> - Shot Hole Borers (<i>Euwallacea</i> spp.) in California
Akif Eskalen		Plant Pathology	Epidemiological Dynamics of <i>Fusarium Dieback</i> - Shot Hole Borer in Southern California
Akif Eskalen	David Rizzo	Plant Pathology	Identification, distribution and impact of valley oak wilt disease vectored by an exotic ambrosia beetle (<i>Xyleborus monographus</i>) in California.
Akif Eskalen		Plant Pathology	GC 2020: Controlling Grapevine Trunk Diseases in California
Akif Eskalen		Plant Pathology	Screening Fungicides to Control Pear Scab (<i>Venturia pirina</i>) and Detection of Fungicide Resistance in Populations of <i>Venturia pirina</i> in California Pear Orchards
Akif Eskalen		Plant Pathology	Tracking seasonal changes of endophytic communities in <i>Fusarium dieback</i> - invasive shot hole borers host trees in California
Akif Eskalen		Plant Pathology	Screening Fungicides to Control Pear Scab (<i>Venturia pirina</i>) and Detection of Fungicide Resistance in Populations of <i>Venturia pirina</i> in California Pear Orchards
Akif Eskalen		Plant Pathology	GC2021: Controlling Grapevine Trunk Diseases in California
Akif Eskalen		Plant Pathology	Effect of soil inoculum density of <i>Fusarium oxysporum</i> f. sp. <i>fragariae</i> and <i>Macrophomina phaseolina</i> on development of <i>Fusarium</i> wilt and Charcola rot. FY 21/22
Akif Eskalen		Plant Pathology	Effect of Soil Inoculum Density and Drought Stress on <i>Fusarium</i> wilt and Charcoal rot disease progress on strawberriest
Akif Eskalen		Plant Pathology	Screening Fungicides to Control Pear Scab (<i>Venturia pirina</i>) and Detection of Fungicide Resistance in Populations of <i>Venturia pirina</i> in California Pear Orchards FY 22/23

Akif Eskalen		Plant Pathology	From the Lab to the Field: Using Endophytic Bacteria as Biocontrol Agents Against Trunk Diseases in Vineyards
Bryce Falk	Karen Jetter	Plant Pathology	Non-transgenic, Near Term RNA Interference-based Application Strategies for Managing Diaphorina Citri and Citrus Greening/Huanglongbing (HLB)
Bryce Falk		Plant Pathology	Epidemiological-based practices for controlling Cucumber green mottle mosaic virus in California
Bryce Falk		Plant Pathology	RNAi-based Targeting D. Citri Innate Immunity as a Way to Help Manage HLB
Bryce Falk	Savithramma Dinesh-Kumar	Plant Pathology	VIPER: Viruses and Insects as Plant Enhancement Resources
Bryce Falk		Plant Pathology	Validation of Molecular and Serological Assays for Regulatory Diagnostic of Cucumber Green Mottle Mosaic Virus (CGMMV) in Plant Tissue
Bryce Falk		Plant Pathology	Support of US vegetable and fruit industry and to support prevention and mitigation of the effects of tobamoviruses on US cucurbits.
Bryce Falk		Plant Pathology	Development of a Virus-induced gene silencing/RNAi system using psyllid-specific viruses to control the spread of HLB by targeting the vector D. citri
Bryce Falk		Plant Pathology	Cucumber green mottle mosaic virus (CGMMV) California isolate genome sequencing
Robert Gilbertson		Plant Pathology	East Africa Integrated Pest Management Innovation Lab: Research and Technology
Robert Gilbertson		Plant Pathology	The resistance-breaking strain of Tomato spotted wilt virus: Monitoring, improved detection and screening for resistance
Robert Gilbertson		Plant Pathology	Monitoring an outbreak of B. tabaci whiteflies in melons in 2018 and continued development of vector-independent screening for whitefly-transmitted viruses infecting melons
Robert Gilbertson		Plant Pathology	Detection and Monitoring of Pepper Resistance-breaking Strains of Tomato Spotted Wilt Virus (TSWV) in the Central Valley of California and Screening Wild Accessions from Mexico for Resistance
Robert Gilbertson	Neil McRoberts	Plant Pathology	The resistance-breaking strain of Tomato spotted wilt virus, Beet curly top virus and Alfalfa mosaic virus in California processing tomatoes: Monitoring, improved detection and screening for resistance

Robert Gilbertson		Plant Pathology	Monitoring B. Tabaci Whiteflies in Melons, Development of Vector-Independent Screening Methods
Robert Gilbertson		Plant Pathology	Detection, Biology, and Management of the Expanding Whitefly-Transmitted Cucurbit Virus Disease Complex in California
Robert Gilbertson		Plant Pathology	Monitoring for insect vectors in melons, development of vector-independent screening methods and investigation of late-season outbreaks of aphid-transmitted viruses
Robert Gilbertson		Plant Pathology	Continued Surveillance & Characterization of Pepper Resistance-Breaking Strains of Tomato Spotted Wilt (TSWV) in the Central Valley of California & Screening for Sources of Resistance
Robert Gilbertson		Plant Pathology	Monitoring and Characterization of the 'Super' Resistance-breaking (SRB) Strains of ,1 Tomato Spotted Wilt Virus (TSWV) in Pepper in the Central Valley of CA
David Gilchrist		Plant Pathology	Protection of grapevine scion
David Gilchrist		Plant Pathology	GC:2019 Field evaluation of cross-graft protection effective against Pierce's Disease by dual DNA constructs expressed in transgenic grape rootstocks
David Gilchrist		Plant Pathology	GC 2020: Transgenic rootstock-mediated protection of grapevine scion against Pierce's Disease by dual DNA constructs
Thomas Gordon		Plant Pathology	Enumeration of Fusarium oxysporum f sp. Fragariae in Soil
Thomas Gordon		Plant Pathology	Molecular Detection and Quantification of Fusarium oxysporum Vascular Wilt Pathogens
Yen-Wen Kuo	Bryce Falk	Plant Pathology	GC:2019 Virus-based delivery of interfering RNAs targeting Grapevine leafroll-associated virus(es) and associated mealybugs
Yen-Wen Kuo	Bryce Falk	Plant Pathology	SP: VIGS-driven RNA interference using insect specific viruses to manipulate psyllids and their endosymbionts as a strategy to control citrus greening/HLB
Yen-Wen Kuo		Plant Pathology	GC 2021: Virus-based delivery of interfering RNAs targeting Grapevine leafroll-associated virus(es) and associated mealybugs
Johan Leveau		Plant Pathology	Regaining market access for US strawberry plants to Morocco, Egypt and Lebanon: science-based assessment of the claim that Fragaria × ananassa is a host for Xylella fastidiosa
Paulo Lichtemberg		Plant Pathology	Alternaria and Colletotrichum diseases in citrus: Phylogeny, epidemiology, and fungicide management

Tiffany Lowe-Power		Plant Pathology	The biological role of bacterial membrane vesicles in adhesion and cell-to-cell signaling for vascular plant pathogens
Tiffany Lowe-Power		Plant Pathology	Persistence of Plant Pathogenic Ralstonia in Water
Neil McRoberts		Plant Pathology	FY17 Determining optimum ACP sampling protocols in California to assess vector management treatments and improving the risk prediction of HLB from ACP CT value analysis
Neil McRoberts		Plant Pathology	Economic returns from coordinated actions to control HLB
Neil McRoberts	Tania Brenes-Arguedas	Plant Pathology	Modeling activities associated with summarizing the biocontrol program for Asian Citrus Psyllid funded by the Citrus Health Response Program
Neil McRoberts	Tania Brenes-Arguedas	Plant Pathology	NPDN Analysis: Process Improvement in Making Diagnostic Lab Data Available
Neil McRoberts		Plant Pathology	Improving situational awareness of HLB and ACP in California and Arizona through targeted scouting in commercial citrus and data analysis
Neil McRoberts		Plant Pathology	Building a GWSS Population Projection Model for Timing New Interventions in the southern San Joaquin Valley
Neil McRoberts		Plant Pathology	Building a GWSS Population Projection Model for Timing New Interventions in the southern San Joaquin Valley 21/22
Neil McRoberts		Plant Pathology	NPDN Analysis - Identifying Diagnostic Capacity by Network Analysis of Inter-state Sample Traffic
Themis Michailides		Plant Pathology	Management of Postharvest Diseases of Fresh Fruits
Themis Michailides		Plant Pathology	Management of Postharvest Diseases of Fresh Fruits
Themis Michailides		Plant Pathology	Time-sensitive methodology to reduce the risks of Alternaria late blight resistance build-up in pistachio producing states of California and Arizona
Themis Michailides		Plant Pathology	Detection of Band Canker Pathogens in Young Almond Trees in Nurseries and Orchards and Disease Management
Themis Michailides		Plant Pathology	Investigation of Aspergillus niger Causing Hull Rot, and Conditions Conducive to Disease Development in Kern County
Themis Michailides		Plant Pathology	Epidemiology and management of Colletotrichum species causing anthracnose, Botryosphaeria species and Phoma fungicola causing blight diseases on pistachio in California and Arizona (3rd year).
Themis Michailides		Plant Pathology	Factors Affecting the Efficacy of AF36, Improvement of the biocontrol Agent, and Establishing an Area-wide Long-term Mycotoxin Management Program

Themis Michailides		Plant Pathology	A survey of fungi producing Ochratoxin A in California pistachios and management of contamination
Themis Michailides	Paulo Lichtemberg	Plant Pathology	Alternaria and Colletotrichum diseases in citrus: Phylogeny, epidemiology, and fungicide management in San Joaquin Valley, CA
Themis Michailides		Plant Pathology	Detection of Band Canker Pathogens in Young Almond Trees in Nurseries and Orchards and Disease Management
Themis Michailides		Plant Pathology	Investigation of Aspergillus niger Causing Hull Rot, and Conditions Conducive to Disease Development in Kern County - 2019-2021
Themis Michailides		Plant Pathology	Epidemiology and management of Colletotrichum fioriniae, Phoma fungicola and Botryosphaeriaceae family members causing blight diseases on California and Arizona pistachio (4th year).
Themis Michailides		Plant Pathology	Understanding the Epidemic Mechanisms and Management of Cytospora and Other Canker Diseases of Prune
Themis Michailides		Plant Pathology	Strategies to lessen conducive conditions for Alternaria late blight and resistance management in California pistachio orchards
Themis Michailides		Plant Pathology	Factors Affecting the Efficacy of AF36, Improvement of the Biocontrol Agent, and Establishing an Area-wide Long-term Mycotoxin Management Program
Themis Michailides		Plant Pathology	A survey of fungi producing Ochratoxin A in California pistachios and management of contamination
Themis Michailides		Plant Pathology	Developing Strategies for Increasing Marketable Yield in California and Florida Pomegranate Orchards
Themis Michailides		Plant Pathology	Integrated Conventional and Genomic Approached to Pistachio Rootstock Development
Themis Michailides		Plant Pathology	Epidemiology and management of anthracnose dieback and blight caused by Colletotrichum spp. and Alternaria fruit rot caused by Alternaria spp. in California citrus
Themis Michailides		Plant Pathology	Control of Postharvest Diseases of Table Grapes 59-2034-0-004
Themis Michailides		Plant Pathology	Factors Affecting the Efficacy of AF36, Improvement of the biocontrol Agent, and Establishing an Area-wide Long-term Mycotoxin Management Program
Themis Michailides		Plant Pathology	A survey of fungi producing Ochratoxin A in California pistachios and management of contamination in the field
Themis Michailides		Plant Pathology	Quantification and management of fungicide resistance in Alternaria populations causing Alternaria late blight in California pistachio orchards

Themis Michailides		Plant Pathology	Survival, Infection, and Management of Cytospora in Prune
Themis Michailides		Plant Pathology	Disease development, epidemiology, and management of Colletotrichum dieback and Alternaria rot.
Themis Michailides		Plant Pathology	Efficacy of AF36 Prevail in Commercial Orchards throughout California almond production areas
Themis Michailides		Plant Pathology	Comparing Efficacy of two registered atoxigenic strains biocontrol products to reduce aflatoxin contamination and expanding Area-wide Long-term Mycotoxin Management Programs
Themis Michailides		Plant Pathology	A survey of fungi producing Ochratoxin A in California pistachios and management of contamination in the field
Themis Michailides		Plant Pathology	Collaborative Pistachio Rootstock Breeding (a joint project with Pat J. Brown and Florent Trouillas)
Themis Michailides		Plant Pathology	Quantification and management of fungicide resistance in Alternaria populations causing Alternaria late blight in California pistachio orchards
Themis Michailides		Plant Pathology	Designing an Integrated Canker Disease Management of Prune from the Nursery to the Field 22/23
Themis Michailides		Plant Pathology	Epidemiology and Management of Almond Band Canker Disease in Young Orchards
Fatima Osman		Plant Pathology	The California Citrus Clean Plant Network
David Rizzo	Richard Cobb	Plant Pathology	Improving carbon capture in California forests attacked by insects and pathogens
David Rizzo		Plant Pathology	Forest Pests: Improving Knowledge and Management
David Rizzo		Plant Pathology	Restoring Mt. Tamalpais: Promoting water yield and carbon capture in forests devastated by Sudden Oak Death - Phase 1
David Rizzo		Plant Pathology	Ecosystem response to the repeated interaction of disease and fire
David Rizzo		Plant Pathology	Phytophthora ramorum in San Luis Obispo County and the central California Coast
David Rizzo		Plant Pathology	Phytophthora monitoring plan for restoration sites to protect vegetation on the Angeles National Forest
David Rizzo		Plant Pathology	Control and management of the destructive wood decay pathogen, Ganoderma adspersum
David Rizzo		Plant Pathology	Phytophthora species in Bay Area Restoration Areas
David Rizzo		Plant Pathology	Control and management of the destructive wood decay pathogen, Ganoderma adspersum.

David Rizzo	Patricia Maloney	Plant Pathology	Collections from Sugar, Whitebark, Limber, and Foxtail Pine Threatened by Climate Driven Outbreaks of Mountain Pine Beetle, White Pine Blister Rust, and Catastrophic Wildfire in California
David Rizzo		Plant Pathology	Science Delivery to Sustain California Forest Health
David Rizzo		Plant Pathology	Characterizing Unresolved Phytophthora Species Complexes
David Rizzo		Plant Pathology	Wood-decay fungi in Prune and Control of Phellinus tuberculosus
David Rizzo		Plant Pathology	Phytophthora monitoring plan for restoration sites to protect vegetation on the Angeles National Forest - Part 2
David Rizzo		Plant Pathology	Wood Decay Fungi Associated with Windfall
David Rizzo		Plant Pathology	Wood-decay fungi in Prune and Control of Phellinus tuberculosus
David Rizzo		Plant Pathology	Experiments to develop Phytophthora treatments for California native plants and to investigate whether CA native plant seed is a pathway for pathogen spread
David Rizzo		Plant Pathology	Developing Strategies to Prevent and Address Species Introductions in Angeles National Forest
David Rizzo		Plant Pathology	Examining Impacts of Phytophthoras in Restoration Areas
David Rizzo		Plant Pathology	Impacts of Phytophthora pathogens on post-fire regeneration and restoration in Angeles National Forest
David Rizzo		Plant Pathology	Understanding Transmission and Control of Phellinus tuberculosus in Prune
Pamela Ronald		Plant Pathology	The role of microRNAs and micropeptides in the plant immune response
Pamela Ronald		Plant Pathology	An open source plant chemogenomics set to identify genes controlling drought tolerance in rice
Pamela Ronald	Anna Joe	Plant Pathology	Sulfated peptides serve as molecular mimics that facilitate pathogen virulence
Ioannis Stergiopoulos		Plant Pathology	Prevalence and functional significance of regulated alternative splicing in plant pathogenic fungi
Ioannis Stergiopoulos		Plant Pathology	Assessing Fungicide Resistance of Grape Powdery Mildew in Wine, Table and Raisin Grapes (2017-18)
Ioannis Stergiopoulos		Plant Pathology	FRAME: Fungicide Resistance Assessment, Mitigation and Extension Network for Wine, Table and Raisin Grapes
Krishnamurthy Subbarao		Plant Pathology	New Lettuce Cultivars with Resistance to Lettuce Drop
Krishnamurthy Subbarao	Patrik Inderbitzin	Plant Pathology	Improved management of strawberry and lettuce soilborne plant pathogens using microbiome-based disease prediction

Krishnamurthy Subbarao	Plant Pathology	CHARACTERIZE RESISTANCE TO LETTUCE DROP AND SUPPORT THE SCLEROTINIA RESISTANCE BREEDING PROGRAM IN LETTUCE
Krishnamurthy Subbarao	Plant Pathology	Early detection, epidemiology, and control of spinach downy mildew.
Krishnamurthy Subbarao	Plant Pathology	CHARACTERIZE RESISTANCE TO LETTUCE DROP AND SUPPORT THE SCLEROTINIA RESISTANCE BREEDING PROGRAM IN LETTUCE
Krishnamurthy Subbarao	Plant Pathology	Identifying the Basis of Lettuce Drop Resistance to Develop Cultivars With Superior Resistance
Krishnamurthy Subbarao	Plant Pathology	Inoculum production in support of the Sclerotinia resistance breeding program in lettuce
Cassandra Swett	Plant Pathology	Reducing current and future fumigant use in processing tomato by facilitating use of resistant cultivars to manage diseases
Cassandra Swett	Plant Pathology	Control of southern blight in potatoes
Cassandra Swett	Plant Pathology	Putting the right varieties in the right places: Rapid Fusarium wilt diagnosis and soil detection
Cassandra Swett	Plant Pathology	Developing effective crop rotation strategies for Fusarium wilt management
Cassandra Swett	Plant Pathology	Control strategies Fusarium crown and root rot diseases of tomato and continued tomato disease diagnostics support
Cassandra Swett	Plant Pathology	Characterizing and Assessing Risk of Emerging Fungal and Bacterial Pathogens of Melons (and other Cucurbit Crops) Across the Nursery-Field Production Continuum
Cassandra Swett	Plant Pathology	Understanding and Managing the Disease Cycle and Environmental Drivers of Southern Blight Tuber Rot in Potato
Cassandra Swett	Plant Pathology	Systems approaches to comanage disease, water and soil health for sustainable processing tomato production in the Western region
Cassandra Swett	Plant Pathology	Developing innovative detection tools and cultural solutions to minimize economic damage of Fusarium wilt in tomato
Cassandra Swett	Plant Pathology	Integrated Management Strategies for Southern Blight in Potatoes
Cassandra Swett	Plant Pathology	Field Evaluation of Tomato Varieties for Resistance to Fusarium Foot Rot (FFR) Caused by Fusarium Falciforme
Cassandra Swett	Plant Pathology	Control strategies for F. falciforme, a newly recognized and widespread cause of premature vine decline
Cassandra Swett	Plant Pathology	Developing effective crop rotation strategies for Fusarium wilt management

Cassandra Swett		Plant Pathology	Pathogenomics-based development of crop-specific diagnostics tools for emerging and expanding fungal diseases in the U.S.
Cassandra Swett		Plant Pathology	Developing integrated chemical, biological, and resistance-based approaches for conventional and organic management of southern blight and associated tuber rot diseases in potato
Cassandra Swett		Plant Pathology	Developing adaptive integrated management strategies for southern blight in tomato, transferring tools from ongoing studies in other California annual cropping systems
Cassandra Swett		Plant Pathology	Addressing Diagnosis and Management Needs for Emerging, Poorly Understood Fusarium Solani-Type Pathogens of Muskmelons in California
Cassandra Swett		Plant Pathology	Developing Best Management Sanitation Practices for Harvesters and other Field Equipment, to Mitigate Soil-Borne Pathogen and Weed Seed Spread
Cassandra Swett		Plant Pathology	Research toward potential of reducing soil fumigation in CA's seedless watermelon using grafting and Trichoderma-containing biologics
Cassandra Swett	Amisha Poret-Peterson	Plant Pathology	Co-managing deficit irrigation-disease interactions in tomatoes to optimize water conversation and crop productivity
Cassandra Swett		Plant Pathology	Deploying an online southern blight risk assessment tool, determining the status of southern blight tolerance in commercial cultivars, and assessing the impact of fumigation on sclerotia density
Cassandra Swett		Plant Pathology	Addressing diagnosis and management needs for emerging, poorly understood Fusarium solani-type pathogens of muskmelons in California
Cassandra Swett		Plant Pathology	Evaluation of bulb rot pathogens of garlic and onion with an emphasis on Fusarium
Cassandra Swett		Plant Pathology	Mitigating the Spread of Branched Broomrape and Other Soil Borne Pests: Evaluating Existing Methods and Provided Outreach Support for Effective Equipment Sanitation Practices
Cassandra Swett		Plant Pathology	High throughput greenhouse-based screening tomato lines for F. falciforme resistance to enhance breeding efforts
Renaud Travadon		Plant Pathology	Understanding and managing Esca trunk disease in multiple grape production systems
Florent Trouillas		Plant Pathology	Etiology of Sudden Decline of Sweet Cherry in California
Florent Trouillas		Plant Pathology	New detection tools and sustainable control of almond canker diseases

Florent Trouillas	Plant Pathology	Management of trunk and scaffold canker diseases of almond in California
Florent Trouillas	Plant Pathology	Improved Management of Fungal Canker Diseases of Sweet Cherry
Florent Trouillas	Plant Pathology	Evaluating pistachio rootstock tolerance to soilborne diseases
Florent Trouillas	Plant Pathology	Biology and control of Neofabraea leaf spot, branch canker and twig dieback of oil olives in California - Year 3
Florent Trouillas	Plant Pathology	Trunk and Scaffold Canker Diseases of Almond in California
Florent Trouillas	Plant Pathology	EVALUATING PISTACHIO ROOTSTOCK TOLERANCE TO SOIL BORNE DISEASES
Florent Trouillas	Plant Pathology	Investigating new and emerging diseases of super-high-density olives in California
Florent Trouillas	Plant Pathology	Collaborative Pistachio Rootstock Breeding
Florent Trouillas	Plant Pathology	IMPROVING THE SANITARY STATUS OF SWEET CHERRY PLANTING MATERIAL
Florent Trouillas	Plant Pathology	Collaborative Pistachio Rootstock Breeding (a joint project with Pat J Brown and Themis Michailides)
Florent Trouillas	Plant Pathology	Evaluating the Efficacy of Phosphites, Mefenoxam and New Oomycota Fungicides for Managing Phytophthora Crown and Root Rot of Pistachio
Florent Trouillas	Plant Pathology	IMPROVING THE SANITARY STATUS OF SWEET CHERRY PLANTING MATERIAL FY 22/23
Florent Trouillas	Plant Pathology	EPIDEMIOLOGY OF FUNGAL CANKER DISEASES OF SWEET CHERRY FY 22/23
Kassim Al-Khatib	Plant Sciences	Aquatic Weeds Associated with Agricultural Water Supply
Kassim Al-Khatib	Plant Sciences	Weed Control in Rice
Kassim Al-Khatib	Plant Sciences	Weed Control in Rice
Kassim Al-Khatib	Plant Sciences	Weed management in rice with different formulation of Pendimethalin
Kassim Al-Khatib	Plant Sciences	Weed control in Rice
Kassim Al-Khatib	Plant Sciences	WEED MANAGEMENT IN RICE
Kassim Al-Khatib	Plant Sciences	Principles underlying the success of the weedy invader Sorghum halepense ('johnsongrass'), towards its containment and mitigation
Kassim Al-Khatib	Plant Sciences	WEED MANAGEMENT IN RICE
Brian Bailey	Plant Sciences	A fast-response wildland fire modeling framework for prediction and risk assessment
Brian Bailey	Plant Sciences	Three-dimensional functional-structural modeling of almond orchards

Brian Bailey	Plant Sciences	Assessment of almond water status using inexpensive thermographic imagery
Brian Bailey	Plant Sciences	Three-dimensional modeling of water use and photosynthesis in almond orchards
Brian Bailey	Plant Sciences	Assessment of Almond Water Status Using Inexpensive Thermographic Imagery
Brian Bailey	Plant Sciences	Simulating Pathogen Path Spread
Brian Bailey	Plant Sciences	Assessment of Almond Water Status Using Inexpensive Thermographic Imagery
Brian Bailey	Plant Sciences	Three-dimensional modeling of water use and photosynthesis in almond orchards
Brian Bailey	Plant Sciences	CAREER: Linking canopy structure and function in plant water-use economy
Diane Beckles	Plant Sciences	Genetic and physiological dissection of novel grain protein content QTLs from wild emmer wheat for nutritional improvement of wheat grains
Diane Beckles	Plant Sciences	A CRISPR Potato - Using Gene Editing to Make Healthy Products
Alan Bennett	Plant Sciences	Nitrogen fixation associated with an indigenous landrace of maize
Alan Bennett	Plant Sciences	Development of new Biostimulants to Improve Potato Crop Growth and Health
Alan Bennett	Plant Sciences	Genetic and microbial determinants of nitrogen fixation in a Sierra Mixe landrace of maize
Alan Bennett	Plant Sciences	Match for FFAR: Genetic and Microbial determinants of nitrogen fixation in a Sierra Mixe landrace of maize
Alison Berry	Plant Sciences	Climate-Ready Trees for California Cities
Barbara Blanco-Ulate	Plant Sciences	Determining Pistachio Hull Susceptibility to Navel Orangeworm as a Function of Degree-day Accumulation
Barbara Blanco-Ulate	Plant Sciences	Early detection of Botrytis spp. and rapid characterization of fungicide resistant isolates in strawberry
Barbara Blanco-Ulate	Plant Sciences	Analysis of the cuticular resistance of papaya fruits (<i>Carica papaya</i> L.) to <i>Colletotrichum gloeosporioides</i> and <i>Colletotrichum truncatum</i>
Barbara Blanco-Ulate	Plant Sciences	TO #003: Determine the efficacy of Hazel 1-MCP slow release sachet on the postharvest qualities of three peach varieties and three nectarine varieties after various periods of cold storage
Barbara Blanco-Ulate	Plant Sciences	Effect of environmental temperature and tree physiology on pistachio nut development

Arnold Bloom	Plant Sciences	Influence of Nitrogen Form on Wheat Carbon Fixation, Grain Yield, and Protein Yield
Arnold Bloom	Plant Sciences	Use of nitrate and ammonium at elevated CO ₂ in Arabidopsis
Eduardo Blumwald	Plant Sciences	The plasticity of plant water management behavior/Characterization of the yield related physiological traits plasticity and hierarchy of <i>Setaria viridis</i> genotypes in response to drought stress
Eduardo Blumwald	Plant Sciences	SyPro Poplar: Improving Poplar Biomass Production under Abiotic Stress Conditions: an Integrated Omics, Bioinformatics, Synthetic Biology and Genetic Engineering Approach
Eduardo Blumwald	Plant Sciences	Biological nitrogen fixation in crop plants
Kent Bradford	Plant Sciences	Optimizing Genetic and Environmental Contributions to Seed Development and Quality
Katherine Brafford	Plant Sciences	Has yellow starthistle (<i>Centaurea solstitialis</i>) recently adapted to serpentine soils
Patrick Brown	Plant Sciences	Demonstration of a combined new leaf sampling technique for nitrogen analysis and nitrogen applications approach in almonds
Patrick Brown	Plant Sciences	Develop nutrient budget and early spring nutrient prediction model for nutrient management in Citrus
Patrick Brown	Plant Sciences	The Physiology and Management of Salinity Stress and Nitrate Leaching in Almond: Influence of Rootstock, Scion and Supplemental Nutrition on Tree Growth, Ion Toxicity and Water Relations and the Development of Irrigation Strategies to Mitigate Soil Salinity
Patrick Brown	Plant Sciences	Online decision support tools for irrigation and nitrogen management of Central Valley crops
Patrick James Brown	Plant Sciences	Identification of Drought Resistant Genotypes and Underlying Mechanisms for Woody Perennial Germplasm
Patrick Brown	Plant Sciences	Understanding Decision-Making of Citrus and Raisin Grape Growers and Adoption of Nitrogen Management Practices
Patrick James Brown	Plant Sciences	High throughput screening for salt excluding walnut and pistachio rootstocks
Patrick James Brown	Plant Sciences	Optimizing a protocol for the high-throughput phenotyping of <i>Armillaria</i> resistance in pear
Patrick James Brown	Plant Sciences	Finding sources of resistance to <i>Armillaria mellea</i> within the <i>Pyrus</i> germplasm collection

Patrick James Brown	Plant Sciences	Putting phenotypic and genotypic tools to work for improving walnut rootstocks
Patrick Brown	Plant Sciences	Boron Management and Remediation in Almond
Patrick James Brown	Plant Sciences	Optimizing a protocol for the high-throughput phenotyping of Armillaria resistance in pear
Patrick Brown	Plant Sciences	Improving nitrate and salinity management strategies for almond grown under micro-irrigation
Patrick Brown	Plant Sciences	Understanding Influences on Grower Decision-Making and Adoption of Nitrogen Management Practices in the South San Joaquin Valley
Patrick Brown	Plant Sciences	Effects of Timing Food Safe Sources of Organic Matter Amendments on Nutrient Cycling and Water Use
Patrick Brown	Plant Sciences	The Physiology and Management of Salinity Stress and Nitrate Leaching in Almond: Influence of Rootstock, Scion and Supplemental Nutrition on Tree Growth, Ion Toxicity and Water Relations and the Development of Irrigation Strategies to Mitigate Soil Salinity
Patrick Brown	Plant Sciences	Quantitative and qualitative impacts windfall on almond yield and quality
Patrick James Brown	Plant Sciences	Putting Phenotypic and Genotypic Tools to Work for Improving Walnut Rootstocks
Patrick Brown	Plant Sciences	Advanced harvest techniques facilitate food safe soil health practices in almond orchards
Patrick Brown	Plant Sciences	Monitoring the physiological status of pistachio trees by gene activity measurements to optimize the timing and improve our understanding of rest-breaking treatments
Patrick Brown	Plant Sciences	Nitrate-sensitive salinity management: An advanced 4R practice to optimize nutrient and water uptake under microirrigation
Patrick James Brown	Plant Sciences	Development of an Armillaria resistance screen for clonal walnut rootstocks
Patrick Brown	Plant Sciences	Boron Management and Remediation in Almond
Patrick Brown	Plant Sciences	Quantitative and Qualitative Impacts of Windfall on Almond Yield and Quality
Patrick Brown	Plant Sciences	Physiology and Management of Salinity Stress and Nitrate Leaching in Almond: Influence of Rootstock , Scion and Supplemental Nutrition
Patrick Brown	Plant Sciences	Development of Nutrient Budget and Nutrient Demand Model for Nitrogen Management in Cherry

Patrick James Brown	Plant Sciences	Integrated Conventional and Genomic Approaches to Pistachio Rootstock Development
Patrick Brown	Plant Sciences	Development of Nutrient Budget and Nutrient Demand Model for Nitrogen Management in Cherry
Patrick James Brown	Plant Sciences	High-throughput screening of walnut and pistachio rootstocks for resilience to water deficit
Patrick James Brown	Plant Sciences	Development of an Armillaria resistance screen for clonal walnut rootstocks
Patrick James Brown	Plant Sciences	Collaborative Pistachio Rootstock Breeding
Patrick James Brown	Plant Sciences	Increasing Walnut Shelf Life Without Sacrificing Nutritional Quality
Patrick Brown	Plant Sciences	Development of Nutrient Budget and Nutrient Demand Model for Nitrogen Management in Cherry
Patrick James Brown	Plant Sciences	Screening for variation in boron uptake in walnut and pistachio rootstocks
Patrick James Brown	Plant Sciences	Investigating the Black Death syndrome of walnut: influence of storage temperature, soil media, and root trimming on non-structural carbohydrate dynamics and survival during overwintering and spring reawakening
Patrick James Brown	Plant Sciences	Genetic diversity of Armenian pistachio cultivars
Patrick James Brown	Plant Sciences	Collaborative Pistachio Rootstock Breeding
Patrick James Brown	Plant Sciences	58-2032-2-004: Paradox Walnut Canker Etiology
Edward Brummer	Plant Sciences	Training new plant breeding leaders for a changing world
Edward Brummer	Plant Sciences	Improving alfalfa yield by modulating autumn dormancy
Edward Brummer	Plant Sciences	An experimental learning-based public plant breeding pipeline for organic cultivar development
Edward Brummer	Plant Sciences	Developing regionally-adapted, resilient alfalfa germplasm pools
Edward Brummer	Plant Sciences	Resilience of Alfalfa Cultivars to Variable Environments
Edward Brummer	Plant Sciences	Hemp Breeding for Medicinal Products
Edward Brummer	Plant Sciences	The use of crop wild relatives to develop drought tolerant alfalfa and its extension to subsistence farmers in Kazakhstan, China and Chile
Edward Brummer	Plant Sciences	Developing regionally-adapted, resilient alfalfa germplasm pools
Edward Brummer	Plant Sciences	Advanced breeding for broad genetic resistance to downy mildew in spinach for organic production
Edward Brummer	Plant Sciences	SCOPE 2.0: Refining organic breeding pipelines to produce improved varieties and workforce

Edward Brummer	Plant Sciences	Fostering Resilience and Ecosystem Services in Landscapes by Integrating Diverse Perennial Circular Systems
Edward Brummer	Plant Sciences	Sustainably Incorporating Hemp Biobased Economy into Western U.S. Regional Rural and Tribal Lands
Thomas Buckley	Plant Sciences	Data-driven physiological modeling of canopy photosynthesis for precision irrigation management
Thomas Buckley	Plant Sciences	Data-driven physiological modeling of canopy photosynthesis for precision irrigation management
Thomas Buckley	Plant Sciences	The effect of early post-harvest irrigation on tree health
Thomas Buckley	Plant Sciences	A synoptic approach to physiological breeding for drought resilience in bean
Mary Cadenasso	Plant Sciences	Assessing the exposure of public transit ridership to an ozone precursor across an urban forest canopy gradient
Mary Cadenasso	Plant Sciences	Environment, health, and poverty: Is green infrastructure a universal good?
Mary Cadenasso	Plant Sciences	Using signatures to synthesize urban land cover change in Baltimore
Carlos Crisosto	Plant Sciences	Tree Crop Intern
Carlos Crisosto	Plant Sciences	Evaluating Mango Postharvest Quality Changes during Retail Store Handling
Carlos Crisosto	Plant Sciences	Next-Generation Smart Surfaces & Coatings to Improve Food Safety and Water-Efficiency of U.S. Specialty Crops during Harvesting, Storage, Sorting, and Processing
Abhaya Dandekar	Plant Sciences	Management of the federal permit for field testing transgenic grapevine rootstocks in California
Abhaya Dandekar	Plant Sciences	Development of disease resistant hybrid rootstocks through cell culture
Abhaya Dandekar	Plant Sciences	Developing a sustainable management strategy to control walnut blight
Abhaya Dandekar	Plant Sciences	Stacking disease and pest resistance in grapevine rootstocks
Abhaya Dandekar	Plant Sciences	Metagenomic-based field management of walnut bacterial blight disease
Abhaya Dandekar	Plant Sciences	Development of RNA Interference-Based Resistance in Almond and Walnut Rootstocks Against Phytophthora Pathogens
Abhaya Dandekar	Plant Sciences	GC 2020: Stacking resistance traits in grapevine rootstocks
Abhaya Dandekar	Plant Sciences	GC 2020: Management of the federal permits for multi-investigator field-testing of transgenic grapevine rootstocks in California

Abhaya Dandekar	Plant Sciences	58-2032-0-043: Development of RNA Interference-based Resistance in Almond and Walnut Rootstocks Against Phytophthora Pathogens
Abhaya Dandekar	Plant Sciences	Metagenomic-based field management of walnut bacterial blight disease
Abhaya Dandekar	Plant Sciences	GC2021: Stacking resistance traits in grapevine rootstocks
Abhaya Dandekar	Plant Sciences	D-0422-07: Metagenomic-based field management of walnut bacterial blight disease FY 22/23
Theodore Dejong	Plant Sciences	Prune Cultivar Evaluation and Development
Theodore Dejong	Plant Sciences	Prune Cultivar Evaluation and Development 21/22
Theodore Dejong	Plant Sciences	Prune Cultivar Evaluation and Development 22/23
Isabel del Blanco	Plant Sciences	Ug99 Surveillance Through California Sentinel Plots
Isabel del Blanco	Plant Sciences	California-Adapted Barleys for Resistance to Stem Rust (UG99) - An Integrated Effort
Isabel del Blanco	Plant Sciences	Using marker assisted selection to develop malting quality barley varieties for conventional and organic agriculture
Christine Diepenbrock	Plant Sciences	Developing Prediction Models for Grain Carotenoid and Tocochromanol Levels through the U.S. Maize NAM Panel, and Testing Genomic Associations under Combined Drought and Heat Stress in Zimbabwe
Christine Diepenbrock	Plant Sciences	Enhancing productivity and nutritional quality of grain sorghum
Christine Diepenbrock	Plant Sciences	Improving common bean and cowpea productivity and nutritional quality under conditions of reproductive-stage high-temperature stress
Christine Diepenbrock	Plant Sciences	GEMINI : GxExM Innovation in Intelligence for climate adaptation
Christine Diepenbrock	Plant Sciences	Dissecting the genetics/genomics of nutritional quality traits in pistachio
Joseph Ditomaso	Plant Sciences	Areawide Management of Invasive Weeds in the Sacramento/ San Joaquin River Delta to Assist the California Division of Boating and Waterways
Georgia Drakakaki	Plant Sciences	Subcellular and molecular characterization of salinity tolerance in almonds with novel tools
Georgia Drakakaki	Plant Sciences	Cellular, subcellular and molecular characterization of salinity tolerance in pistachio with novel tools
Georgia Drakakaki	Plant Sciences	Characterization of root plasticity in pistachio rootstocks for improved nutrient uptake and stress response
Georgia Drakakaki	Plant Sciences	Characterization of root anatomy and plasticity in almond rootstocks for improved nutrient uptake and stress response

Georgia Drakakaki	Plant Sciences	Characterization of root plasticity in pistachio rootstocks for the better nutrient uptake and stress response
Georgia Drakakaki	Plant Sciences	Trait and marker evaluation for breeding salinity tolerance and climate adaptation in California pistachio rootstocks
Georgia Drakakaki	Plant Sciences	Evaluation of pistachio rootstocks for high root carbon storage, water use efficiency and salinity tolerance
Georgia Drakakaki	Plant Sciences	Dissection of Pistachio Fruit Development Towards Optimal Hull Integrity and Insect Resistance
Jorge Dubcovsky	Plant Sciences	Screening Barley Germplasm to Discover Genes Conferring Durable Resistance to Barley Stripe Rust
Jorge Dubcovsky	Plant Sciences	Positional cloning of a rye QTL responsible for water stress resistance in wheat based on radiation mapping and comparative genomics
Jorge Dubcovsky	Plant Sciences	RESEARCH-PGR: Enhancer discovery and design in agriculturally important crop plants
Jorge Dubcovsky	Plant Sciences	Validation of candidate genes for a QTL responsible for water stress resistance in wheat
Jorge Dubcovsky	Plant Sciences	Increasing wheat nutritional value through changes in resistant starch composition
Jorge Dubcovsky	Plant Sciences	Screening Barley Germplasm to Discover Genes Conferring Durable Resistance to Barley Stripe Rust
Jorge Dubcovsky	Plant Sciences	Match Funds - Increasing wheat nutritional value through changes in resistant starch composition
Jorge Dubcovsky	Plant Sciences	Match Funds- Increasing wheat nutritional value through changes in resistant starch composition
Jorge Dubcovsky	Plant Sciences	Match Funds- Increasing wheat nutritional value through changes in resistant starch composition
Jorge Dubcovsky	Plant Sciences	Further Development of Durum Wheat Mutant Population
Jorge Dubcovsky	Plant Sciences	Developing Multi-use Naked Barley for Organic Farming Systems II
Jorge Dubcovsky	Plant Sciences	Cultivar Development: Commercialization of spring and winter triticale for forage and feed
Jorge Dubcovsky	Plant Sciences	NIFA CAP: Leveraging high-throughput genotyping and phenotyping technologies to accelerate wheat improvement and mitigate the impacts of climate change
Jorge Dubcovsky	Plant Sciences	Manipulating Wheat Juvenile Phase to Improve Productivity

Jan Dvorak	Plant Sciences	FHB Resistance Candidate Genes from Wheatgrass
Jan Dvorak	Plant Sciences	Use of Chandler gene pool for discovery of genes for economically important traits in the California walnut breeding program
Jan Dvorak	Plant Sciences	FHB Resistance Candidate Genes from Wheatgrass (58-2090-9-023)
Jan Dvorak	Plant Sciences	Use of Chandler gene pool for discovery of genes for economically important traits in the California walnut breeding program
Jan Dvorak	Plant Sciences	RESEARCH-PGR: Genomics of the perennial/annual dichotomy in the grass tribe Triticeae
Valerie Eviner	Plant Sciences	Comparing the Efficacy of Organic and Conventional Herbicides for the Control of Invasive Plant Species in Different Applications in Wildland Settings
Valerie Eviner	Plant Sciences	The influence of soil conditions on the effectiveness of restoration practices in wetlands and riparian areas
Steven Fennimore	Plant Sciences	Production Of Strawberry In Soils Disinfested With Enhanced Steam And Allyl Isothiocyanate
Steven Fennimore	Plant Sciences	Development of Alternative Fumigation Treatments for Pest Control
Steven Fennimore	Plant Sciences	Development of site-specific management of soil pests using molecular quantification, remote sensing, and field scouting
Steven Fennimore	Plant Sciences	Integration of allyl-isothiocyanate, steam and exothermic compounds for soil disinfection in strawberry nurseries
Steven Fennimore	Plant Sciences	Use of Precision-Applied Steam to Control Soilborne Pathogens and Weeds in Lettuce
Steven Fennimore	Plant Sciences	Development of Alternative Fumigation Treatments for Pest Control
Steven Fennimore	Plant Sciences	Advancements Towards Precision Fumigation in Strawberry Production
Steven Fennimore	Plant Sciences	Effects of proposed regulations by CDFA on weed management programs in vegetables
Steven Fennimore	Plant Sciences	Weed management in Strawberry
Steven Fennimore	Plant Sciences	WEED MANAGEMENT SYSTEMS FOR LEAFY GREENS
Steven Fennimore	Plant Sciences	Site-specific soil pest management using crop rotation and a needs-based variable rate fumigation strategy
Steven Fennimore	Plant Sciences	Site-Specific Soil Pest Management in Strawberry & Vegetable Cropping Systems - Fumigation and Weed Management
Steven Fennimore	Plant Sciences	Weed management in strawberry
Steven Fennimore	Plant Sciences	INTELLIGENT WEED MANAGEMENT FOR LEAFY GREENS

Steven Fennimore	Plant Sciences	High-efficiency steam application for soil disinfestation in strawberry nurseries
Steven Fennimore	Plant Sciences	PHYSICAL PEST MANAGEMENT FOR LEAFY GREENS USING INTELLIGENT CULTIVATORS AND SOIL DISINFESTATION WITH STEAM
Steven Fennimore	Plant Sciences	Steam disinfestation of weed seedbanks in carrot
Steven Fennimore	Plant Sciences	Weed management in strawberry 2021-22
Steven Fennimore	Plant Sciences	Band steam application for weed and disease control in vegetable crops
Steven Fennimore	Plant Sciences	SOIL DISINFESTATION WITH STEAM FOR LEAFY GREENS
Steven Fennimore	Plant Sciences	Steam disinfestation of weed seedbanks in carrot
Louise Ferguson	Plant Sciences	Development of an automated delivery system for therapeutic materials to treat HLB infected citrus
Louise Ferguson	Plant Sciences	Timing Ethylene Applications as a Function of Heat Unit Accumulation
Louise Ferguson	Plant Sciences	PISTACHIO IRRIGATION TRAINING MODULE & MONITORING DEMO SITES - 20-21
Louise Ferguson	Plant Sciences	Long Term Saline Irrigation Strategies for pistachios on Integerrima rootstocks
Louise Ferguson	Plant Sciences	Saline Irrigation Strategies for Pistachio
Jennifer Funk	Plant Sciences	Can drought response strategies inform rangeland management?
Amelie Gaudin	Plant Sciences	Going back to the roots to transform soil health into yield
Amelie Gaudin	Plant Sciences	Reducing insect virus vectors of Beet Curly Top Virus in processing tomatoes through soil health management
Amelie Gaudin	Plant Sciences	Developing cover cropping systems for California almond orchards to increase soil C sequestration
Amelie Gaudin	Plant Sciences	Developing sustainable and climate smart vineyards through sheep integration
Amelie Gaudin	Plant Sciences	Managing for Soil: Targets and Potential in Almond Orchards
Amelie Gaudin	Plant Sciences	Cover Crop Systems for Almond Orchards: Exploring Benefits and Tradeoffs to Inform
Amelie Gaudin	Plant Sciences	Almond Orchard Recycling - 2018-2019
Amelie Gaudin	Plant Sciences	Grazing Winter Cover Crops with Sheep to Increase Adoption in Annual Vegetable Systems
Amelie Gaudin	Plant Sciences	Cover crop systems for Almond orchards: exploring benefits and tradeoffs to inform management
Amelie Gaudin	Plant Sciences	Enhancing ecosystem services from cover crops in orchard systems
Amelie Gaudin	Plant Sciences	Managing for Soil Health: Targets and Potential in Almond Orchards

Amelie Gaudin	Plant Sciences	Monitoring impacts of MycoApply Inoculum on processing tomato productivity and soil health across a management gradient
Amelie Gaudin	Plant Sciences	Managing for soil health: targets and potential in almond orchards
Amelie Gaudin	Plant Sciences	Increasing access to soil health resources for Spanish speaking specialty crop farmers
Paul Gepts	Plant Sciences	Seed Matters Graduate Fellowship in Organic Plant Breeding
Paul Gepts	Plant Sciences	Joint NSF/ERA-CAPS: Collaborative Research: BEAN-ADAPT - Genetic Architecture of Rapid Evolutionary Adaptation to Changing Environments in Domesticated Phaseolus Bean Species
Paul Gepts	Plant Sciences	Genomic Recombination Landscape of Common Bean in Relation to Drought - and Heat-Tolerance and Other Traits of Agronomic Importance
Paul Gepts	Plant Sciences	Identifying Genetic Sources of Lygus Resistance in Lima Bean for new Variety Release
Paul Gepts	Plant Sciences	Improvement of garbanzos for yield and seed quality
Paul Gepts	Plant Sciences	Improvement of lima beans for yield, seed quality, and Lygus resistance
Paul Gepts	Plant Sciences	Improvement of Lima Beans for Yield, Seed Quality and Lygus Resistance
Paul Gepts	Plant Sciences	Improvement of garbanzos for yield and seed quality 20/21
Paul Gepts	Plant Sciences	Improvement of Lima Beans for Yield, Seed Quality and Lygus Resistance
Paul Gepts	Plant Sciences	Improvement of Barbanzo Beans in Yield, Seed Quality and Drought Tolerance
Paul Gepts	Plant Sciences	Improvement of Barbanzo Beans in Yield, Seed Quality and Drought Tolerance
Paul Gepts	Plant Sciences	Improvement of Lima Beans for Yield, Seed Quality and Drought Tolerance 22/23
Paul Gepts	Plant Sciences	Improvement of Barbanzo Beans in Yield, Seed Quality and Drought Tolerance 22/23
Matthew Gilbert	Plant Sciences	Increasing Carbon Capture by Optimizing Canopy Resource Distribution
Matthew Gilbert	Plant Sciences	Impact of leaf width on water use efficiency and drought tolerance of tepary beans
Thomas Gradziel	Plant Sciences	Almond rootstock breeding
Thomas Gradziel	Plant Sciences	Almond Rootstock Breeding
Thomas Gradziel	Plant Sciences	Development of New Cling Peach Varieties

Thomas Gradziel	Plant Sciences	Regional Testing of New Processing Peach Selections
Thomas Gradziel	Plant Sciences	Rootstock Breeding
Thomas Gradziel	Plant Sciences	Rootstock Improvement
Thomas Gradziel	Plant Sciences	Development of New Cling Peach Varieties
Thomas Gradziel	Plant Sciences	Regional Testing of New Processing Peach Selections
Thomas Gradziel	Plant Sciences	Solutions to the Armillaria root rot threat affecting the U.S. stone fruit industry
Thomas Gradziel	Plant Sciences	Development of New Cling Peach Varieties
Thomas Gradziel	Plant Sciences	Regional Testing of New Processing Peach Selections
Thomas Gradziel	Plant Sciences	Development of New Cling Peach Varieties
Thomas Gradziel	Plant Sciences	Regional Testing of New Processing Peach Selections
Bradley Hanson	Plant Sciences	Areawide Management of Invasive Weeds in the Sacramento/San Joaquin River Delta
Bradley Hanson	Plant Sciences	Herbicide performance and crop safety evaluations in the conventional almond production system: field research and extension support
Bradley Hanson	Plant Sciences	Sustainable orchard intensification: Cover crops and management intensity
Bradley Hanson	Plant Sciences	Herbicide performance and safety evaluations in the conventional walnut production system: field research and extension support
Bradley Hanson	Plant Sciences	Weed research and extension to address almond grower and industry management and sustainability goals
Bradley Hanson	Plant Sciences	Stewarding a new growth regulator herbicide for California rice: evaluation of relative risks of off target crop injury.
Bradley Hanson	Plant Sciences	Herbicide performance and safety evaluations in the conventional walnut production system: field research and extension support
Bradley Hanson	Plant Sciences	Evaluation of the effects of PHI on detection of glyphosate or glufosinate in harvested almond
Bradley Hanson	Plant Sciences	Stewarding a new growth regulator herbicide for California rice: evaluation of relative risks of off target crop injury
Bradley Hanson	Plant Sciences	Understanding the biology and improving the management of alkaliweed in pistachios
Bradley Hanson	Plant Sciences	Herbicide performance and safety evaluations in the conventional walnut production system: field research and extension support FY 21/22

Bradley Hanson	Plant Sciences	Performance and Economics of Electric Weed Control in Organic Perennial Crops: A Multiregional approach
Bradley Hanson	Plant Sciences	D-0422-25: Herbicide performance and safety evaluations in the conventional walnut production system: field research and extension support FY 22/23
Phyllis Himmel	Plant Sciences	Collaboration for Plant Pathogen Strain Identification; building grower confidence in vegetable disease resistance
Robert Hutmacher	Plant Sciences	Epigenetic control of drought response in sorghum (EPICON)
Robert Hutmacher	Plant Sciences	Effect of Environment on Cotton Cultivar Development
Robert Hutmacher	Plant Sciences	Evaluation of Acala Varieties and California Upland Varieties
Robert Hutmacher	Plant Sciences	Identification, Development, Seed Increase of Cotton Germplasm and Potential Breeding Lines with Improved Fusarium Wilt (FOV) Resistance - CA Cotton Growers Association Support
Robert Hutmacher	Plant Sciences	Pima Cotton Nitrogen Management, Uptake, Removal - Impacts of Varieties, Subsurface Drip and Furrow Irrigation - CCGGA Analytical Support
Robert Hutmacher	Plant Sciences	Identification and Development of Cotton Germplasm and Potential Breeding Lines with Improved Fusarium Wilt (race 4) Resistance, Fiber Quality and Yield
Robert Hutmacher	Plant Sciences	Field Screening Support - Verticillium Wilt Resistance of Newer Germplasm Pima, Acala and California Upland Cotton Varieties
Robert Hutmacher	Plant Sciences	Evaluation of Acala Varieties and CA Upland Varieties
Robert Hutmacher	Plant Sciences	Improvements in Breeding Fusarium Wilt Race 4 (FOV4) Resistance Cotton Combating this Serious Threat & Sustainability Production in Uzbekistan & US
Robert Hutmacher	Plant Sciences	Identification and Development of Cotton Germplasm and Potential Breeding Lines with Improved Fusarium Wilt race 4 (FOV-4) Resistance, Fiber Quality and Yield
Robert Hutmacher	Plant Sciences	Pima On-Farm Variety Trials, Pima Research Center Variety Trials
Robert Hutmacher	Plant Sciences	Pima Cotton Nitrogen Management, Uptake and Removal - Impacts of Varieties, Subsurface Drip and Furrow Irrigation: Lab Support
Robert Hutmacher	Plant Sciences	Field Screening Support: Verticillium Wilt Resistance of Newer Germplasm Pima, Acala and California Upland Varieties
Robert Hutmacher	Plant Sciences	Assessment of Fusarium in SJV Cotton: Field Evaluation Support, Identification and Commercial Variety Screening Evaluations

Robert Hutmacher	Plant Sciences	Identification and Development of Cotton Germplasm and Potential Breeding Lines with Improved Fusarium Wilt Race 4 (FOV-4) Resistance, Fiber Quality and Yield
Robert Hutmacher	Plant Sciences	Identification and Development of Cotton Germplasm and Potential Breeding Lines with Improved Fusarium 21-22: Wilt race 4 (FOV-4) Resistance, Fiber Quality and Yield
Robert Hutmacher	Plant Sciences	21-22: Pima On-Farm Variety Trials, Pima Research Center Variety Trials
Robert Hutmacher	Plant Sciences	21-22: Pima Cotton Nitrogen Management, Uptake and Removal - Impacts of Varieties, Subsurface Drip and Furrow Irrigation: Lab Support
Robert Hutmacher	Plant Sciences	Evaluation of Acala Varieties and California Upland Cotton Varieties: FY 2021
Robert Hutmacher	Plant Sciences	Evaluation of Acala Varieties and California Upland Varieties - CORE
Robert Hutmacher	Plant Sciences	22-23: Pima Cotton Nitrogen Management, Uptake and Removal - Impacts of Varieties, Subsurface Drip and Furrow irrigation
Stephen Kaffka	Plant Sciences	Growing and feeding sugarbeets on dairy farms in California
Stephen Kaffka	Plant Sciences	Growing Safflower for Silage to Enhance Water and Nutrient Management on California Dairy Farms
Stephen Kaffka	Plant Sciences	Growing and Feeding Sugarbeets on Dairy Farms in California
Stephen Kaffka	Plant Sciences	CDFA Dairy Methane Reduction Programs Technical Review
Stephen Kaffka	Plant Sciences	Growing safflower for silage to enhance water and nutrient management on California Dairy Farms
Stephen Kaffka	Plant Sciences	Growing and feeding sugar beets on dairy farms in California
Stephen Kaffka	Plant Sciences	CDFA Dairy Methane Reduction Programs Technical Review
Stephen Kaffka	Plant Sciences	Growing and ensiling forage safflower for dairy cattle in California
Sat Darshan Khalsa	Plant Sciences	Effect of Partial Substitution of Fertilizer with Organic Matter Amendments on Nutrient Cycling
Sat Darshan Khalsa	Plant Sciences	Next Generation N Management Training for Certified Crop Advisors
Sat Darshan Khalsa	Plant Sciences	Use of almond hull and shell as organic matter amendments in advanced orchard management
Sat Darshan Khalsa	Plant Sciences	Conservation in Action - Diffusion of Education to Foster Adoption of Enhanced Nitrogen and Irrigation Management Practices
Imtiyaz Khanday	Plant Sciences	Investigating the regulation of seed dormancy and germination by abscisic acid biosynthesis and its possible modulation to improve seed vigor in tomato

Daniel Kliebenstein	Plant Sciences	Evolution and Domestication of Core Eudicot Defense Mechanisms Against a Common Generalist Pathogen
Daniel Kliebenstein	Plant Sciences	RESEARCH: Predicting Genotypic Variation in Growth and Yield under Abiotic Stress through Biophysical Process Modeling
Daniel Kliebenstein	Plant Sciences	Empirical testing of how changing regulatory module membership affects module function within central metabolism
Daniel Kliebenstein	Plant Sciences	Identifying An Independently Evolved Anti-Nutritional Enzyme Across The Brassicaceae
Daniel Kliebenstein	Plant Sciences	Research PGR: Co-transcriptome networks to identify conserved and lineage specific plant resistance against a generalist pathogen
Steven Knapp	Plant Sciences	Next-Generation Disease Resistance Breeding and Management Solutions for Strawberry
Steven Knapp	Plant Sciences	Assessing Genetic Diversity in the Cultivated Strawberry (<i>Fragaria xananassa</i>) Collection at the National Clonal Germplasm Repository
Steven Knapp	Plant Sciences	Enhancing resistance to soilborne and above-ground pathogens in strawberry through traditional and genomic-enabled breeding approaches
Steven Knapp	Plant Sciences	Enhancing resistance to soilborne and above-ground pathogens in strawberry Through traditional and genome-informed breeding approaches.
Steven Knapp	Plant Sciences	Host resistance and fumigation alternatives for control of <i>Macrophomina phaseolina</i> in strawberry: 59-2038-1-001
Steven Knapp	Plant Sciences	Enhancing Resistance to Soil-Borne Pathogens in Strawberry Through Traditional and Genome-Informed Breeding Approaches
Steven Knapp	Plant Sciences	Enhancing resistance to soilborne and above-ground pathogens in strawberry Through traditional and genome-informed breeding approaches 2022
Emilio Laca	Plant Sciences	Creating Value for Producers and Impact Investors through Marketable GHG/Environmental Credits on Range and Pasture Lands
Emilio Laca	Plant Sciences	U.S. Fish and Wildlife Waterbird Habitat Assessment Protocol
Andrew Latimer	Plant Sciences	Optimizing performance of tree planting treatments after severe wildfire
Andrew Latimer	Plant Sciences	Interacting effects of wildfire and drought on giant sequoia groves in the southern Sierra Nevada

Andrew Latimer	Plant Sciences	Megafires: conditions associated with large, destructive California wildfires
Andrew Latimer	Plant Sciences	A modeling and scenario-planning platform to enhance California's resilience to wildfire and climate
J Lieth	Plant Sciences	Comparison of Supplemental Lighting Systems in Greenhouse Flower Production
J Lieth	Plant Sciences	Comparison of LED and HID Supplemental Lighting Systems in Greenhouse Flower Production
J Lieth	Plant Sciences	Research and Extension projects for Controlled Environment Agriculture (CEA).
J Lieth	Plant Sciences	Acceleration of Nursery Crop Production through Recirculating Soilless Culture Systems
J Lieth	Plant Sciences	Integrated tube-based photovoltaic panel system optimized for co-location with crops
J Lieth	Plant Sciences	Acceleration of Nursery Crop Production through Recirculating Soilless Culture Systems
J Lieth	Plant Sciences	Controlled Environment Agriculture (CEA) program 21-22
Bruce Linquist	Plant Sciences	Mercury in California Rice systems
Bruce Linquist	Plant Sciences	Identifying opportunities for improving water use efficiency in California rice systems
Bruce Linquist	Plant Sciences	Improving fertilizer guidelines for California's changing rice climate
Bruce Linquist	Plant Sciences	Identifying opportunities for improving water use efficiency in California rice systems
Bruce Linquist	Plant Sciences	Improving fertilizer guidelines for California's changing rice climate
Bruce Linquist	Plant Sciences	Contribution of an endophytic diazotroph to the nitrogen requirement of corn
Bruce Linquist	Plant Sciences	Improving fertilizer guidelines for California's changing rice climate
Bruce Linquist	Plant Sciences	Identifying opportunities for improving water use efficiency in California rice systems
Bruce Linquist	Plant Sciences	Improving fertilizer guidelines for California's changing rice climate
Mark Lundy	Plant Sciences	Achieving Efficient Nitrogen Fertilizer Management in California Wheat
Mingcheng Luo	Plant Sciences	58-2030-1-028: Genetic and Sequence Resources of Aegilops Markgrafii for Application in Wheat Crop Improvement Research
Troy Magney	Plant Sciences	Ecophysical and Physical Mechanisms Linkin Solar-Induced Fluorescence and Vegetation Reflectance to Boreal Forest Productivity

Troy Magney	Plant Sciences	Collaborative Proposal: MRA: Seasonality of photosynthesis of temperate and boreal conifer forests across North America
Troy Magney	Plant Sciences	Using Field-Based Measurements to Evaluate Solar Induced Fluorescence as a Predictor of Crop Productivity and Yields over Dryland Agricultural Areas
Troy Magney	Plant Sciences	COSIF: Combining Carbonyl Sulfide and Solar Induced Chlorophyll Fluorescence to scale the carbon cycle of tropical rainforests from leaf to landscape
Troy Magney	Plant Sciences	An open source platform for tracking carbon uptake and storage across California Forests
Giulia Marino	Plant Sciences	Fate and Movement of Pesticide Residues in Turf-overlaid Soil
Giulia Marino	Plant Sciences	The investigation into dormancy breaking agents and the dynamic chill portions model in CA cherries via carbohydrates and solar radiation
Giulia Marino	Plant Sciences	Water management strategies for hedgerow olive orchards in California
Giulia Marino	Plant Sciences	Precise Water Management Strategies for Table Olive Orchards in California
Giulia Marino	Plant Sciences	The investigation into dormancy breaking agenda and the dynamic chill portions model in CA cherries via carbohydrates and solar radiation
Giulia Marino	Plant Sciences	Precise Water Management Strategies for Table Olive Orchards in California
Giulia Marino	Plant Sciences	Water management strategies for hedgerow olive orchards in California 22/23
Giulia Marino	Plant Sciences	Development of an Interactive Information System (IIS) to Improve Agricultural Farm Management Efficiency
Giulia Marino	Plant Sciences	Fate and Movement of Pesticide Residues in Turf-overlaid Soil
Maeli Melotto	Plant Sciences	Mapping genetic determinants in lettuce that reduce colonization of the leaf by Salmonella enterica and Escherichia coli
Maeli Melotto	Plant Sciences	Probing the genetic diversity in lettuce-Escherichia coli interactions
Maeli Melotto	Plant Sciences	Editing the lettuce genome to reduce human pathogen load on leaves
Mohsen Mesgaran	Plant Sciences	Preemptive development of management strategies for branched broomrape: an emerging threat to California specialty crops
Mohsen Mesgaran	Plant Sciences	Utilizing hyperspectral technology to assess seed quality of horticultural crops

Mohsen Mesgaran	Plant Sciences	Rapid adaptation or plasticity in invasive populations of <i>Amaranthus albus</i> and <i>Amaranthus blitoides</i> towards better understanding of species responses to climate change
Jeffrey Mitchell	Plant Sciences	Increasing water use efficiency and drought resilience in California agriculture
Jeffrey Mitchell	Plant Sciences	SECURING THE FUTURE OF HIGHLY PRODUCTIVE ANNUAL CROPPING SYSTEMS IN CALIFORNIA
Jeffrey Mitchell	Plant Sciences	Securing the future of highly productive organic no-till vegetable cropping systems in California
Jeffrey Mitchell	Plant Sciences	Introducing No-tillage production systems in California
Jeffrey Mitchell	Plant Sciences	Increasing water use efficiency and drought resilience in California agriculture
Grey Monroe	Plant Sciences	Accelerating Genomics Assisted Wheat Improvement by Utilizing Genetic Diversity of the Ancient Einkorn wheat
Sara Montanari	Plant Sciences	Pilot study for optimization of root formation from hardwood and softwood cuttings in pear rootstock genotypes
Sara Montanari	Plant Sciences	Pilot study for optimization of root formation from hardwood and softwood cuttings in pear rootstock genotypes
Sara Montanari	Plant Sciences	Discovering Sources of Resistance to <i>Armillaria mellea</i> in <i>Pyrus</i> Germplasm
David Neale	Plant Sciences	Development of modern genomics tools for application in management, conservation, and restoration of coast redwood and giant sequoia
David Neale	Plant Sciences	Optimizing a protocol for the high-throughput phenotyping of <i>Armillaria</i> resistance in pear - supplies
Lorence Oki	Plant Sciences	Clean Water3 - Reduce, Remediate, Recycle: Informed Decision-Making to Facilitate Use of Alternative Water Resources and Promote Sustainable Specialty Crop Production
Lorence Oki	Plant Sciences	A system nitrogen balance for container plant production
Lorence Oki	Plant Sciences	A system nitrogen balance for container plant production
Lorence Oki	Plant Sciences	A System Nitrogen Balance for Container Plant Production
Lorence Oki	Plant Sciences	Utilizing microcalorimetry for the rapid assessment of plant salinity tolerance
Lorence Oki	Plant Sciences	Landscape Plant Performance: Water Use Assessments of New Cultivar Selections

Lorence Oki	Plant Sciences	Removal of plant growth regulators from captured runoff prior to reuse as irrigation
Lorence Oki	Plant Sciences	Training Structural Pest Management Professionals on DPR's Surface Water
Lorence Oki	Plant Sciences	Comparing nutrient leaching losses from fertigation and controlled-release fertilizer in a woody ornamental production system
Lorence Oki	Plant Sciences	Climate Ready Landscape Plants
Lorence Oki	Plant Sciences	University of California Nursery and Floriculture Alliance Fertilizers and Plant Nutrition Workshops for Greenhouse and Nursery Growers
Lorence Oki	Plant Sciences	Removal of paclobutrazol from captured irrigation runoff using slow sand filters
Lorence Oki	Plant Sciences	Relationship between stem water potential, stomatal conductance, and chlorophyll fluorescence in landscape plants grown on three levels of deficit irrigation
Lorence Oki	Plant Sciences	Optimizing nitrogen fertilizer concentrations in vegetable transplant production
Lorence Oki	Plant Sciences	Climate ready vines for the Western United States
Dan Parfitt	Plant Sciences	Field Evaluation of Biocontrol Agent and Novel Application of Antimicrobial Edible Film in Postharvest Storage for Reducing Aflatoxin in Food
Travis Parker	Plant Sciences	Increasing the productivity and market value of pulse crops for arid organic conditions
Travis Parker	Plant Sciences	Cultivating a sweeter community: Participatory sweet potato trials with California's AAPI farmer community
Ramachandra Penmetsa	Plant Sciences	Genetic biofortification of carotenoid of grain legumes for novel market
Ramachandra Penmetsa	Plant Sciences	Chickpea genetic improvement for drought and heat stress resilient grain yield
Cameron Pittelkow	Plant Sciences	Crop rotations in California rice systems - baseline assessment of challenges and opportunities
Cameron Pittelkow	Plant Sciences	Nitrogen balance as an agronomic and environmental indicator for sustainable crop production
Cameron Pittelkow	Plant Sciences	Crop rotations in California rice systems
Cameron Pittelkow	Plant Sciences	Decreasing carbon footprint while improving soil health through organic waste recycling

Bruno Pitton	Plant Sciences	Irrigation and nutrient management training for California's nursery and greenhouse industry
Daniel Potter	Plant Sciences	Engaging high school students in botanical surveys: a collaborative educational research program between UC Davis Plant Sciences Department, St. Patrick-St. Vincent High School and the Solano County Flora Project
Daniel Putnam	Plant Sciences	Optimizing management of subsurface drip irrigation in alfalfa under full and deficit irrigation practices to improve water use efficiency
Daniel Putnam	Plant Sciences	Developing Alfalfa Varieties for High Salinity Production Systems
Daniel Putnam	Plant Sciences	Characterizing the benefits of alfalfa in rotation and communicating the value of environmental services to the public
Daniel Putnam	Plant Sciences	Develop Improved Alfalfa Post-Harvest and Utilization Strategies as Affected by Genetics and Agricultural Practices
Daniel Putnam	Plant Sciences	Imaging Alfalfa to Predict Yield and Quality and Impacts of Water Deficits Using Innovative Overhead Irrigation Systems
Daniel Putnam	Plant Sciences	Determining hemp crop water use across diverse production regions
Daniel Putnam	Plant Sciences	Nitrogen Response of Industrial Hemp Cultivars Grown for CBD and Other Essential Oils
Leslie Roche	Plant Sciences	R5 Rangeland Water Quality and Effectiveness Monitoring
Leslie Roche	Plant Sciences	Economic and Environmental Impacts of Alternative Conservation-Mitigation Strategies
Leslie Roche	Plant Sciences	Multifaceted pathways to climate-smart agriculture through integrated participatory program development and delivery
Daniel Runcie	Plant Sciences	Collaborative Research: Mechanisms of malleability and resilience of flowering responses to current and future variability in seasonal cues in a geographically-widespread species
Kenneth Shackel	Plant Sciences	Almond Water Production Function
Kenneth Shackel	Plant Sciences	Almond water production function
Kenneth Shackel	Plant Sciences	Whole tree ET responses to mild and moderate water stress
Kenneth Shackel	Plant Sciences	SWP Sensor
Kenneth Shackel	Plant Sciences	Whole Tree ET Responses to Mild and Moderate Water Stress
Kenneth Shackel	Plant Sciences	Developing Plant-Based Recommendations for Water Management in a Dry Winter
Kenneth Shackel	Plant Sciences	Early season water management in walnut
Kenneth Shackel	Plant Sciences	Whole Tree ET Responses to Mild and Moderate Water Stress

Kenneth Shackel	Plant Sciences	Using SWP to Delay the Start of Irrigation in the Spring
Kenneth Shackel	Plant Sciences	Early season water management in walnut
Kenneth Shackel	Plant Sciences	Irrigation management: evaluating current sensor-based products and remotely sensed information, and testing thresholds for delaying the start of irrigation in the spring
Kenneth Shackel	Plant Sciences	Early season water management and yield limiting factors in walnut
Kenneth Shackel	Plant Sciences	D-0422-27: Early season water management and yield limiting factors in walnut FY 22/23
Dina St. Clair	Plant Sciences	Breeding for Water Stress Tolerance by Combining Two Wild Species in Tomato
Julia Stover	Plant Sciences	CALIFORNIA PRUNE RESEARCH REPORTS DATABASE
Julia Stover	Plant Sciences	California Prune Research Reports Database 22/23
Gail Taylor	Plant Sciences	Combining genome-wide association studies and expression quantitative trait nucleotide mapping with molecular and genetic validations to identify transcriptional networks regulating drought tolerance in Populus
Gail Taylor	Plant Sciences	Harnessing the leaf microbiome for improved food safety in lettuce
Li Tian	Plant Sciences	Vitamin A Biofortification of Wheat Grains Using a TILLING Mutant-Based Approach
Allen Van Deynze	Plant Sciences	A platform for breeding broad genetic resistance to downy mildew for organic spinach production
Allen Van Deynze	Plant Sciences	Phenotypic variation and QTL mapping of nematode (<i>Meloydogine incognita</i>) & Phytophthora root rot resistance in chile peppers
Allen Van Deynze	Plant Sciences	Improving Nitrogen Use Efficiency and Food Safety in Spinach Production
Allen Van Deynze	Plant Sciences	An Integrated Approach to combatting Tomato Spotted Wilt Virus (TSWV) in Pepper
Astrid Volder	Plant Sciences	[2016] Winter water management in almond orchards - Fresno
Astrid Volder	Plant Sciences	Manipulating irrigation patterns to evaluate fine root traits, root production rates, and fine root physiology in almond trees
Astrid Volder	Plant Sciences	[2017] Winter water management in almond orchards - Fresno
Astrid Volder	Plant Sciences	Assessing Key Factors Influencing Farmers' Water Use and Irrigation Decisions on the U.S. West Coast
Astrid Volder	Plant Sciences	The effect of leguminous cover crop on carbon sequestration, greenhouse emissions, soil health and iron availability in pear orchards

Astrid Volder	Plant Sciences	Manipulating Irrigation Patterns to Evaluate Fine Root Traits, Root Production Rates, and Fine Root Physiology in Almond Trees
Astrid Volder	Plant Sciences	Root Data Summary and Publication
Astrid Volder	Plant Sciences	The Effect of Cover Crop Mixtures on Iron Deficiency in Pears
Astrid Volder	Plant Sciences	Characterizing root systems of mature rootstocks
Derek Young	Plant Sciences	Using UAVs and big data to map live trees and predict postfire regeneration
Truman Young	Plant Sciences	Taking priority effects into account in restoration and invasive species control field experiments
Truman Young	Plant Sciences	LTREB: Stability and resilience in the face of multiple interacting press and pulse disturbances of a changing world (Kenya Long-term Exclosure Experiment: KLEE)
Derek Young	Plant Sciences	Concow Resilience Project - Monitoring Plan
Derek Young	Plant Sciences	Phase II: Using UAVs and big data to map live trees and predict postfire regeneration
Derek Young	Plant Sciences	Using early post-fire dynamics to improve predictions of forest recovery
Derek Young	Plant Sciences	Drone-Based Forest Analytics Phase 1
Wenjun Zhang	Plant Sciences	Development of Novel Dietary Treatment for Celiac Disease
Maciej Zwieniecki	Plant Sciences	Development of Tree Carbohydrate Budget Based Methods for Sustainable Management of Pistachio Orchards under Changing Central Valley Climatic Conditions
Maciej Zwieniecki	Plant Sciences	Carbohydrate budget analysis tool for improved management of nut tree orchards threatened by climate change
Maciej Zwieniecki	Plant Sciences	Development of tree carbohydrate budget based methods for sustainable management of almonds under changing Central Valley climatic conditions
Maciej Zwieniecki	Plant Sciences	Development of carbohydrate analysis based methods for sustainable walnut orchard management
Maciej Zwieniecki	Plant Sciences	Development of Tree Carbohydrate Budget Based Methods for Sustainable Management of Pistachio Orchards under Variable Central Valley Climatic Conditions
Maciej Zwieniecki	Plant Sciences	Development of Tree Carbohydrate Budget-Based Methods for Sustainable Management of Almonds Under Changing Central Valley Climatic Conditions

Maciej Zwieniecki	Plant Sciences	Incorporation of winter tree physiology into forecasting models of orchards' bloom and yield; opening path to mediate impact of climate shifts (the secret life of dormant trees)
Maciej Zwieniecki	Plant Sciences	Development of carbohydrate analysis-based methods for sustainable walnut orchard management
Maciej Zwieniecki	Plant Sciences	Development of Tree Carbohydrate Budget Based Methods for Sustainable Management of Pistachio Orchards under Variable Central Valley Climatic Conditions
Maciej Zwieniecki	Plant Sciences	How to irrigate almond orchards - for the current year's expected yield or for maximum yield potential
Maciej Zwieniecki	Plant Sciences	Development of Tree Carbohydrate Budget Based Methods for the Sustainable Management of Pistachio Orchards under Variable Central Valley Climatic Conditions
Maciej Zwieniecki	Plant Sciences	Development of carbohydrate analysis based methods for sustainable walnut orchard management
Maciej Zwieniecki	Plant Sciences	Development of Tree Carbohydrate Budget Based Methods for the Sustainable Management of Pistachio Orchards under Variable Central Valley Climatic Conditions
Maciej Zwieniecki	Plant Sciences	D-0422-26: Development of Tree Carbohydrate Budget Based Methods for the Sustainable Management of Walnut Orchards under Variable Central Valley Climatic Conditions FY 22/23
Mollie D'Agostino	Policy Institute	Policies for Transportation Decarbonization
Colin Murphy	Policy Institute	The Modeling Air Quality Impacts of Oregon's Proposed Clean Fuels Program Amendments
Cheryl Boudreau	Political Science	What conditions voters take advantage of the greater opportunity for political expression
Bradford Jones	Political Science	The Paradox of Migration and Attitudes Towards Immigrants: Assessing Mexican Beliefs about Migration the Immigrants
Bradford Jones	Political Science	The Paradox of Migration: Assessing Mexican Beliefs about the Inmigrante
Brandon Kinne	Political Science	Managing Nontraditional Security Threats through Bilateral Cooperation
Scott Mackenzie	Political Science	Agronomic, Political, and Public Adaptation to Climate-Change-Induced Water Scarcity: Evidence from California
Lauren Young	Political Science	Analysis of Cycles of Retributive Violence

Abhijit Chaudhari	Primate Center	Quantifying synaptic density loss in a monkey model of early Alzheimer's Disease
Smita Iyer	Primate Center	Targeting CD4 T follicular helper cells for enhancing HIV vaccine induced humoral immunity
Hong Ji	Primate Center	Role of TET1 in airway epithelium and childhood asthma
Hong Ji	Primate Center	A hypercholesterolemia-induced immunometabolite in atherosclerosis
Erin Kinnally	Primate Center	Epigenetic Disruption of the Cycle of Violence in Rhesus Macaques
Brenda McCowan	Primate Center	Proactive Management to Improve Laboratory Macaque Breeding Colony Health and Well-being
Lisa Miller	Primate Center	Are Adverse Health Effects from Air Pollution Exposure Passed on from Mother to Child?
Lisa Miller	Primate Center	Health Impacts of California Wildfire PM2.5 Across the Lifespan: Wildfire Exposure to Rhesus Monkeys
John Morrison	Primate Center	Tau based Monkey model of Alzheimer's Disease: Structure and Function
Jeffrey Roberts	Primate Center	Improved Intrathecal BDNF Gene Therapy for Alzheimer's Disease
Jeffrey Roberts	Primate Center	Optimizing oscillatory epidural electrical stimulation to selectively increase task-related population dynamics in motor areas
Christopher Royer	Primate Center	Vaping effects on adolescent airway mucosa
Alice Tarantal	Primate Center	Precision Nonhuman Primate Models for Congenital Diseases
Alice Tarantal	Primate Center	Immunologic and virologic determinants of congenital Cytomegalovirus transmission and disease in rhesus monkeys
Sara Thomasy	Primate Center	Sustained Ocular Drug Delivery System for Anti-VEGF agents
Koen van Rompay	Primate Center	Development of a nonhuman primate model of fetal Zika virus infection and disease
Koen van Rompay	Primate Center	Sequelae and Immunopathology of Ebola Virus Infections
Koen van Rompay	Primate Center	Preclinical testing of neutralizing antibodies against zika virus
Koen van Rompay	Primate Center	Sublingual-parenteral vaccination to prevent oral HIV transmission in infants
Koen van Rompay	Primate Center	Prophylaxis of adult macaques with anti-Zika antibodies
Koen van Rompay	Primate Center	Supramolecular pediatric HIV vaccine design
Koen van Rompay	Primate Center	Early life vaccination to prevent HIV acquisition during adolescence (COVID Supplement added)
Koen van Rompay	Primate Center	Pathology and Pathogenesis of Coronavirus Infections in Animal Models COVID-19

Koen van Rompay	Primate Center	Consortium for HIV/AIDS Vaccine Development (CHAVD)
Koen van Rompay	Primate Center	Early life vaccination to prevent HIV acquisition during adolescence
Gail Goodman	Psychology	Authenticity and Adults' Discernment of children's Accurate and Inaccurate Memory Reports
Gail Goodman	Psychology	Child Maltreatment and Long-Term Memory: Person Identification After 20 Years
Gail Goodman	Psychology	Affecting and Assessing Children's Memory and Suggestibility: Effects of Relationship Status, Attachment, and Authenticity
Gail Goodman	Psychology	Authenticity, Attachment, and Empathy: A Longitudinal Study of Child Maltreatment Victims
Richard Robins	Psychology	Midlife cognitive aging in Hispanic/Latinos: Predictors and mechanisms of decline
Ross Thompson	Psychology	Developing Compassion in Early Childhood
Ross Thompson	Psychology	Children's Understanding Of Emotion Regulation With Adults And Peers
Christopher Elmendorf	School of Law-Deans Office	Collaborative Research: Measuring apparent race and ethnicity, with applications to the study of discrimination
Bridget Clark	Sociology	Doctoral Dissertation Research: Navigating and Negotiating Multiple Energy Futures in Public Disputes and Politics of Energy Infrastructures
Robert Faris	Sociology	Measuring the impact of structural racism and discrimination during adolescence on substance use, psychological distress, and criminal justice outcomes in adulthood
Erin Hamilton	Sociology	Child Migration from Mexico to the United States
Erin Hamilton	Sociology	Unauthorized Immigrants, Occupational Injuries and Employment Verification Laws
Jacob Hibel	Sociology	Supporting Young Students' Special Needs in New Immigrant Destinations
Caitlin Patler	Sociology	Effects of a Precarious Future on Youth Health and Wellbeing
Kimberlee Shauman	Sociology	Discriminating Language: Race, Gender, Letters of Recommendation and Outcomes in Academic Hiring
Alexander Aue	Statistics	Spatial-Temporal Modeling for the Assessment of Complex Environmental Monitoring Data
Alexander Aue	Statistics	Data Driven Evaluation of Pesticide Signal Observed in the Aquatic Environment
Jiming Jiang	Statistics	Collaborative Research: Subject-level Prediction and Application

Hans-Georg Mueller	Statistics	1/5 The Cumulative Risk of Substance Exposure and Early Life Adversity on Child Health Development and Outcomes
Alexander Forrest	Tahoe Environ Research Center	Greenhouse Gas Monitoring in Reservoirs of Santa Clara County
Patricia Maloney	Tahoe Environ Research Center	CTC Prop 12: North shore sugar pine reforestation for mountain pine beetle outbreak recovery
Patricia Maloney	Tahoe Environ Research Center	Bay Area Drought Impacts and Douglas-Fir Structure on the San Francisco Peninsula
Steven Sadro	Tahoe Environ Research Center	RAPID: Smoke on the Water --disentangling the mechanisms through which mega-wildfires in California and Oregon affect lake productivity and over-winter oxygen depletion rates at regional scales
S Schladow	Tahoe Environ Research Center	Lake Tahoe Basin, Climate Action and Adaptation Plan
S Schladow	Tahoe Environ Research Center	Work Order #2, Project #6 Decision Support Framework (DSF) for the Upper Truckee River Watershed - Phase I
S Schladow	Tahoe Environ Research Center	A Sustainable Method for Rapid Assessment of the Extent and Causes of Metaphyton in Lake Tahoe
S Schladow	Tahoe Environ Research Center	TO #3: Stormwater Monitoring , Equipment Installation, and Maintenance
S Schladow	Tahoe Environ Research Center	Work Order #3, Project #1, Linking Science to Action: Recommendations for Applied Research and Monitoring to Inform the Lake Tahoe TMDL Management System and the Environmental Improvement Program
S Schladow	Tahoe Environ Research Center	Water Quality and TMDL Lake Modeling
S Schladow	Tahoe Environ Research Center	UC Davis - TERC Lake Tahoe Water Quality Monitoring
S Schladow	Tahoe Environ Research Center	To Sink or Swim: A Snapshot on the Fate and Transport of Plastics in Lake Tahoe
S Schladow	Tahoe Environ Research Center	Reclaiming Tahoe's Lakebed: A SCUBA-enabled underwater litter clean-up in Lake Tahoe
S Schladow	Tahoe Environ Research Center	Lower Truckee River and Pyramid Lake Water Quality Standards Review
S Schladow	Tahoe Environ Research Center	2021 Delineation of Asian Clam Populations and UAV Flights at Sand Harbor State Park, Nevada

S Schladow	Tahoe Environ Research Center	Clear Lake Watershed and Lake Remediation
S Schladow	Tahoe Environ Research Center	WO: 108 - Lake Tahoe Water Quality Data Synthesis and Analysis - Phase 3 (DSA 2022)
You-Lo Hsieh	Textiles & Clothing	Functional Nanocellulose Products from Agricultural Residues and Processing Wastes
Gang Sun	Textiles & Clothing	Development of Highly Sensitive Colorimetric Sensors for Fumigants-Continuation
Kamil Borkowski	UC Davis Genome Center	Interdisciplinary Research to Understand the Interplay of Diabetes, Cerebrovascular disease, and Alzheimer's disease
Kamil Borkowski	UC Davis Genome Center	Metabolomic Signatures for Disease Sub-classification and Target Prioritization in AMP-AD
Kamil Borkowski	UC Davis Genome Center	Metabolic correlates of disease activity and disability progression in pediatric MS
Kamil Borkowski	UC Davis Genome Center	Metabolomic Signatures for Disease Sub-classification and Target Prioritization in AMP-AD
Siobhan Brady	UC Davis Genome Center	RSM systems biology for sorghum: Engineering soil and plant microbiomes for enhanced crop productivity in Africa
Siobhan Brady	UC Davis Genome Center	BTT EAGER: Cell type-specific profiling 2.0: Capturing subpopulations of cells undergoing a response
Siobhan Brady	UC Davis Genome Center	RESEARCH-PGR - Adapting to a Harsh Environment: Arbuscular Mycorrhizal Fungi, Drought Stress and Plasticity of Plant Architecture for a Beneficial Outcome
Siobhan Brady	UC Davis Genome Center	RESEARCH-PGR: Adapting Crops to a Harsh Environment: Interplay between Arbuscular Mycorrhizal Fungi, Drought Stress and Plasticity of Plant Architecture
Siobhan Brady	UC Davis Genome Center	Inducible Suberin for Tomato Drought Tolerance
Luis Carvajal-Carmona	UC Davis Genome Center	Improving Precision Medicine for Breast Cancer in Latinas: A Multi-Tiered Approach
Luca Comai	UC Davis Genome Center	BMGF - Capturing Heterosis in Self-Reproducing Sorghum and Cowpea Hybrids for Sub-Saharan Africa
Luca Comai	UC Davis Genome Center	Discovery and characterization of dosage-dependent disease resistance loci in poplar
Luca Comai	UC Davis Genome Center	ECON: Enhancing Camelina Oilseed Production with Minimum Nitrogen Fertilization in Sustainable Cropping Systems

Luca Comai	UC Davis Genome Center	Mechanisms of haploid induction in potato
Savithamma Dinesh-Kumar	UC Davis Genome Center	Virus-mediated delivery of CRISPR/Cas9 for genome engineering in crop plants
Jonathan Eisen	UC Davis Genome Center	The microbiology of the built environment network (microBEnet)
Jonathan Eisen	UC Davis Genome Center	Microbial Genomic, Transcriptomic, and Survival Response to Common Built Environment Lighting
Oliver Fiehn	UC Davis Genome Center	Novel Metabolic Predictors of Diabetes in American Indians
Oliver Fiehn	UC Davis Genome Center	The Environmental Determinants of Diabetes in the Young (TEDDY) Study
Oliver Fiehn	UC Davis Genome Center	Continued Follow-up of Subjects and Initiation of a Second Case-control Cohort in The Environmental Determinants of Diabetes in The Young Study (TEDDY)
Isabelle Henry	UC Davis Genome Center	Genomic-guided breeding of improved mint clones for long-term sustainability
Isabelle Henry	UC Davis Genome Center	Predicting Drought Response in Trees based on Genes Regulating Wood Formation
Fereydoun Hormozdiari	UC Davis Genome Center	Discovery complex genetic variation and its contribution to human disease and evolution
Richard Michelmore	UC Davis Genome Center	Genomic Sequencing of Downy Mildews
Richard Michelmore	UC Davis Genome Center	Sustaining the supply of high quality lettuce in changing technological and climatic environments
Richard Michelmore	UC Davis Genome Center	Gene stacking to generate multi-disease resistant lettuce
Richard Michelmore	UC Davis Genome Center	Genomic Sequencing of Downy Mildews
Richard Michelmore	UC Davis Genome Center	Graminicolous Downy Mildews
Richard Michelmore	UC Davis Genome Center	Determination of Molecular Markers for Levels of Salt Tolerance and Ion Accumulation in UCB-1 Pistachio rootstock
Richard Michelmore	UC Davis Genome Center	Identification of Superior UCB-1 Rootstocks using DNA Markers: Phase 3, Year 1
Richard Michelmore	UC Davis Genome Center	Tools for the identification and detection of Graminicolous downy mildews, including the Select Agent Peronosclerospora
Richard Michelmore	UC Davis Genome Center	Genomics of Plant Pathogenic Fungi and Downy Mildews
Richard Michelmore	UC Davis Genome Center	Development of Molecular Markers and Biotechnological Approaches For Pistachio To Improve Agricultural Traits
Richard Michelmore	UC Davis Genome Center	Enhancing Resource Utilization for Sustainable Lettuce Production in Changing Climates.

Richard Michelmore	UC Davis Genome Center	Tools for the identification and detection of gramminicolous downy mildews, including the select agent Peronosclerospora phillipinensis/sacchar
Richard Michelmore	UC Davis Genome Center	DEVELOPMENT OF MOLECULAR MARKERS AND BIOTECHNOLOGICAL APPROACHES TO IMPROVE AGRICULTURAL TRAITS IN PISTACHIO
David Segal	UC Davis Genome Center	The Epigenetics Crossroads of Environmental Exposures and Early-Life Adversity
Kyle Fink	UCD Gene Therapy Center	MSCS engineered to produce BDNF and gene editing cargo for the treatment of Huntington's Disease
Erin Hamilton	UCD Global Migration Center	De Facto Deported US Citizen Children in Mexico
Robert Irwin	UCD Global Migration Center	Migrants and Covid-19 in Tijuana: Digital Stories
Caitlin Patler	UCD Global Migration Center	Reuniting Families: Understanding the Impact of Immigrationp Prison Decarceration due to the COVID-19 Pandemic on Detained Immigrants and the Families
Caitlin Patler	UCD Global Migration Center	Reuniting Families: Understanding the impact of immigration prison decarceration due to the COVID-19 pandemic on detained immigrants and their families
Caitlin Patler	UCD Global Migration Center	Immigrant Legal Status and Integration Across Four National Contexts
Giovanni Peri	UCD Global Migration Center	The Economics of US-Mexico Migrations:A bi-national research team analyzing policies, opportuniities for employment and economic growth
Daniel Melzer	University Writing Program	Building Sustainable Writing Across the Curriculum Programs
Benjamin Sacks	Veterinary Genetics Lab	DNA Analysis for Inventory Surveys of the Sierra Nevada Red Fox in the Oregon Cascade Mountains Range, Deschutes and Willamette National Forest
Benjamin Sacks	Veterinary Genetics Lab	Genetic Monitoring of the Sierra Nevada Red Fox DPS at Sonora Pass
Benjamin Sacks	Veterinary Genetics Lab	Sierra Nevada red fox genetic population monitoring at Sonora Pass
Benjamin Sacks	Veterinary Genetics Lab	Genetic management planning for the Sierra Nevada red fox DPS
Benjamin Sacks	Veterinary Genetics Lab	Noninvasive genetic monitoring of the Sierra Nevada red fox DPS
Benjamin Sacks	Veterinary Genetics Lab	Development of a Genomic Tool to Monitor for Hybridization and Local Selection of the Sierra Nevada DPS of Sierra Nevada Red Fox
Benjamin Sacks	Veterinary Genetics Lab	Sierra Nevada red fox
Benjamin Sacks	Veterinary Genetics Lab	Extension of noninvasive genetic survey for the Sierra Nevada red fox DPS

Benjamin Sacks	Veterinary Genetics Lab	San Joaquin kit fox genomics to characterize effects of disease outbreaks on metapopulation connectivity with implications for containment of sarcoptic mange and canine distemper
Benjamin Sacks	Veterinary Genetics Lab	Noninvasive genetic monitoring of the Sonora Pass core area of the Sierra Nevada red fox DPS
James Statham	Veterinary Genetics Lab	Investigating contemporary and historical genetic structure, diversity and phylogenetic divergence in the endangered Salt Marsh Harvest Mouse (<i>Reithrodontomys raviventris</i>)
James Statham	Veterinary Genetics Lab	Estimating dietary resource use of salt marsh harvest mouse (<i>Reithrodontomys raviventris</i>) and co-occurring mammals using DNA metabarcoding
James Statham	Veterinary Genetics Lab	CA CESU DNA Metabarcoding tools for the endangered Blunt Nose Leopard Lizard
Prasant Mohapatra	Vice Chancellor - Research	DOE Clean Energy Manufacturing Innovation Institute: Cybersecurity in Energy Efficient Manufacturing (CyManII)
Nicolas Bambach Ortiz	Viticulture & Enology	Determining Almond Tree Water Use and Stress using Surface Energy Balance Models with Unmanned Aircraft Systems
Nicolas Bambach Ortiz	Viticulture & Enology	58-2032-1-036:Improving Irrigation Efficiencies and Sustainability in Woody Perennial Crops Specific to California
Megan Bartlett	Viticulture & Enology	Evaluating Grapevine Root System Responses to Drought Stress to Identify Physiological Traits for Breeding and Precision Irrigation Management
Megan Bartlett	Viticulture & Enology	GC 2020: Evaluating traits to improve grapevine water-use efficiency and drought tolerance
Megan Bartlett	Viticulture & Enology	GC2021 Evaluating traits to improve grapevine water-use efficiency and drought tolerance
Megan Bartlett	Viticulture & Enology	Developing high-throughput genetic screening tools for drought tolerance in grape rootstocks
David Block	Viticulture & Enology	GCR: Laying the Scientific and Engineering Foundation for Sustainable Cultivated Meat Production
Dario Cantu	Viticulture & Enology	GC-2017: Integrating systems biology with marker assisted selection to guide the stacking of powdery mildew resistance genes
Dario Cantu	Viticulture & Enology	MICROBIAL PATHOGENOMICS OF THE MAJOR CACAO DISEASES
Dario Cantu	Viticulture & Enology	Deep sequencing for trunk disease diagnostics

Dario Cantu	Viticulture & Enology	GC:2019 Generating Pierce's Disease resistant grapevines using a CRISPR/Cas9 and traditional transgenic approaches
Dario Cantu	Viticulture & Enology	CG:2019 Deep sequencing for trunk disease diagnostics
Dario Cantu	Viticulture & Enology	Development of vine mealybug genomic resources for species identification, tracking, and insecticide resistance surveillance
Dario Cantu	Viticulture & Enology	Managing Fungal Trunk Diseases in Plant Nursery Stock
Dario Cantu	Viticulture & Enology	Combining cultural and genetic approaches for grove success to unravel and enhance resistance/tolerance to Huanglongbing
Dario Cantu	Viticulture & Enology	58-8042-0-039: The Assembly and Analysis of Genomes and Transcriptomes from Plant Pathogens of Theobroma Cacao
Dario Cantu	Viticulture & Enology	59-2034-1-003: GC2021 Genomics based technology for identification, tracking, insecticide resistance surveillance, and pest management of vine mealybug in California vineyards.
Dario Cantu	Viticulture & Enology	Managing Fungal Trunk Diseases in Plant Nursery Stock 21-22
Jeffrey Earles	Viticulture & Enology	Development of a Low-Cost and Accessible Evapotranspiration Toolkit for Irrigation Management of Woody Crops: 58-2032-1-021
Matthew Fidelibus	Viticulture & Enology	High-Resolution Vineyard Nutrient Management
Matthew Fidelibus	Viticulture & Enology	GC2021 Online Guide to Grapevine Varieties and Rootstocks in the United States
Matthew Fidelibus	Viticulture & Enology	Online Guide to Grapevine Varieties and Rootstocks in the United States
Elisabeth Forrestel	Viticulture & Enology	Informing vineyard irrigation practices through improved understanding of grapevine physiological responses to heat extremes
Elisabeth Forrestel	Viticulture & Enology	Evaluating the Physiological Responses of Superior Juglans Germplasm to Drought Stress
Elisabeth Forrestel	Viticulture & Enology	GC2021 Establishing molecular biomarkers to assess heat and water stress impacts on berry chemistry in Cabernet Sauvignon
Sahap Kurtural	Viticulture & Enology	GC:2018 Study on the use of source-sink-reserves, relations to manipulate grapevine nitrogen use efficiency, aroma and flavonoid maturity and its relationship to yields and wine composition
Sahap Kurtural	Viticulture & Enology	GC: 2018 Assessing Rootstock Biology and Water Uptake through Proximal Sensing under Different Wetting/Drying Conditions
Sahap Kurtural	Viticulture & Enology	Low Maintenance Cover Cropping and No-till Systems to Mitigate Carbon Sequestration in Permanent Crops in California
Anita Oberholster	Viticulture & Enology	58-2032-0-051 Impact of Wildfire Smoke Taint and Key Trunk Pathogens on Grapevine Wood and Grape Chemistry

Anita Oberholster	Viticulture & Enology	GC2021: Investigating the impact of grapevine red blotch virus (GRBV) on grape skin cell wall metabolism and soluble pathogenesis-related proteins in relation to phenolic extractability.
Ron Runnebaum	Viticulture & Enology	Clonal evaluation of Grape powdery mildew resistance in a heritage Pinot noir clone and comparative wine fermentation, chemical and sensory analysis
Andrew Walker	Viticulture & Enology	GC 2017: Development of next generation rootstocks for California vineyards
Andrew Walker	Viticulture & Enology	Development of next generation rootstocks for California vineyards
Andrew Walker	Viticulture & Enology	Development of next generation rootstocks for California vineyards
Andrew Walker	Viticulture & Enology	Development of Next Generation Rootstocks for California Vineyards
Andrew Walker	Viticulture & Enology	CDFA PD/GWSS: Breeding Pierce's Disease Resistant Winegrapes
Andrew Walker	Viticulture & Enology	AVF: Development of Next Generation Rootstocks for California Vineyards
Andrew Walker	Viticulture & Enology	AVF/CGRIC: Development of Next Generation Rootstocks for CA Vineyards
Andrew Walker	Viticulture & Enology	Evaluating the Effectiveness of Surface Renewal and Other Technologies to Determine Almond Tree Water Use and Water Stress
Andrew Walker	Viticulture & Enology	GC 2020: CTGC: Development of Next Generation Rootstocks for CA Vineyards
Andrew Walker	Viticulture & Enology	GC 2020: AVF: Development of Next Generation Rootstocks for CA Vineyards
Larry Williams	Viticulture & Enology	GC:2018 Effects of pre- and post-harvest N fertilization and irrigation amount on the N fertilizer recovery efficiency (REN) of wine grapes grown in the San Joaquin Valley
Mariana Barboza Gardner	Vm: Anat Physio & Cell Biology	The Role of Leptin Receptor Glycosylation in Leptin Resistance and Obesity
Richard Connon	Vm: Anat Physio & Cell Biology	Drought-Related High Water Temperature Impacts the Health of California Salmonids through Disease, Enhancing Predation Risks
Richard Connon	Vm: Anat Physio & Cell Biology	Contaminant Effects on Two California Fish Species and the Food Web That Supports Them
Richard Connon	Vm: Anat Physio & Cell Biology	Impacts of salinity and turbidity on early-life stage Longfin Smelt (<i>Spirinchus thaleichthys</i>): Phase II

Richard Connon	Vm: Anat Physio & Cell Biology	Linking biological scales across generations: An estuarine and marine model for measuring the ecological impact of endocrine disrupting compounds
Richard Connon	Vm: Anat Physio & Cell Biology	Pathogen Screening and Health Status of Outmigrating Chinook Salmon in the Delta
Richard Connon	Vm: Anat Physio & Cell Biology	High-throughput biomonitoring of aquatic invertebrates
Richard Connon	Vm: Anat Physio & Cell Biology	An evaluation of sublethal and latent pyrethroid toxicity across a salinity gradient in two Delta fish species
Richard Connon	Vm: Anat Physio & Cell Biology	Monitoring and Modeling Pathogen Exposure in Salmon Migrating to the Delta
Richard Connon	Vm: Anat Physio & Cell Biology	Delta Smelt Pathogen Screening Studies
Richard Connon	Vm: Anat Physio & Cell Biology	Impacts of storm-driven contaminants on larval delta smelt and the community scale adaptive capacity of prey items to handle those stressors
Lillian Cruz-Orengo	Vm: Anat Physio & Cell Biology	Elucidating the Role of IL-20 Signaling Through IL-20RB in the Neuropathogenesis of Multiple Sclerosis
Melanie Gareau	Vm: Anat Physio & Cell Biology	The microbiota-gut-brain axis in Alzheimers disease
Tomofumi Kurobe	Vm: Anat Physio & Cell Biology	Assessing sediment nutrient storage and release in the Delta: Linking benthic nutrient cycling to restoration, aquatic vegetation, phytoplankton productivity, and harmful algal blooms
Stuart Meyers	Vm: Anat Physio & Cell Biology	Development of Germ Cell Transplantation Methods for Enhancing Aquacultural Production of Migratory Fishes
Colin Reardon	Vm: Anat Physio & Cell Biology	Neuro-immune mediated control of mucosal immunity
Colin Reardon	Vm: Anat Physio & Cell Biology	Coordination of mucosal immune response to enteric bacterial pathogens by nociceptive innervation
Colin Reardon	Vm: Anat Physio & Cell Biology	Role of sensory neurons in host resistance to enteric bacterial pathogens
Edward Schelegle	Vm: Anat Physio & Cell Biology	Combined exposure to UFPM and O3: Pulmonary toxicity and sensory fiber activation in decreased HRV
Swee Teh	Vm: Anat Physio & Cell Biology	Acute and Chronic Toxicity Testing of New Herbicides and Adjuvants on Delta Smelt, <i>Hypomesus Transpacificus</i>

Swee Teh	Vm: Anat Physio & Cell Biology	Impact of climate variability on surface water quality: cyanobacteria and contaminant
Swee Teh	Vm: Anat Physio & Cell Biology	Drivers of Delta Smelt health condition and reproduction
Swee Teh	Vm: Anat Physio & Cell Biology	Drivers of Delta Smelt health condition and reproduction
Swee Teh	Vm: Anat Physio & Cell Biology	Surface Water Ambient Monitoring Program (SWAMP)
Swee Teh	Vm: Anat Physio & Cell Biology	Project Title: Water Quality Monitoring at a Delta Integrator Site: Fish Health and Behavior (Tasks 1,3, and 5)
Swee Teh	Vm: Anat Physio & Cell Biology	Evaluation of Cultured Delta Smelt Exposure to Contaminants from the Sacramento-San Joaquin River Delta
Swee Teh	Vm: Anat Physio & Cell Biology	96-Hour water column toxicity testing of water samples collected by DPR
Swee Teh	Vm: Anat Physio & Cell Biology	Evaluation of spring outflow to larval Delta Smelt (<i>Hypomesus transpacificus</i>) health and condition
Swee Teh	Vm: Anat Physio & Cell Biology	Evaluation of Pyrethroid Toxicity Removal in Agricultural Detention Basins using <i>Hyalella azteca</i>
Swee Teh	Vm: Anat Physio & Cell Biology	Special Studies: Directed Outflow Project - Drivers of Delta Smelt Health & Growth
Swee Teh	Vm: Anat Physio & Cell Biology	Evaluation of spring outflow to larval Delta Smelt (<i>Hypomesus transpacificus</i>) health and condition
Peter Barry	Vm: Ctr Immun & Infectious Dis	CMV-vectored Vaccine Approaches to Induce Protective Antibodies to HIV-1 Env
Peter Barry	Vm: Ctr Immun & Infectious Dis	Immunologic and virologic determinants of congenital Cytomegalovirus transmission and disease in rhesus monkeys
Peter Barry	Vm: Ctr Immun & Infectious Dis	Immunologic and virologic determinants of congenital Cytomegalovirus transmission and disease in rhesus monkeys
Peter Barry	Vm: Ctr Immun & Infectious Dis	Immunologic and virologic determinants of congenital Cytomegalovirus transmission and disease in rhesus monkeys
Nicole Baumgarth	Vm: Ctr Immun & Infectious Dis	Defining Protective and Disease-Reducing Immunity to <i>Borrelia burgdorferi</i> Infection
Smita Iyer	Vm: Ctr Immun & Infectious Dis	Target CD4 TFH cells to enhance HIV vaccine-induced humoral immunity

Smita Iyer	Vm: Ctr Immun & Infectious Dis	Role of vaginal microbiome and metabolome on HIV vaccine efficacy
Marcelo Kuroda	Vm: Ctr Immun & Infectious Dis	Role of Macrophages in Lung Disease Pathogenesis of Pediatric AIDS
Chris Miller	Vm: Ctr Immun & Infectious Dis	How Did a Vaccine Enhance HIV Acquisition
Alda de Andrade e Pires	Vm: Extension/Public Programs	Evaluating the food safety impacts of cover-crop grazing in fresh produce systems to improve cover crop adoption, crop-livestock integration, and soil health
Maurice Pitesky	Vm: Extension/Public Programs	Survey of antibiotic resistance and the subsequent promotion of judicious use of antibiotics in backyard poultry (BYP)
Maurice Pitesky	Vm: Extension/Public Programs	Integrating vegetable, poultry, and cover cropping practices to develop resilient organic production systems
Maurice Pitesky	Vm: Extension/Public Programs	Real-time Waterfowl Mapping Web App: A Critical & Novel Tool for Avian Influenza Surveillance to Improve Food Security in Commercial Poultry
Maurice Pitesky	Vm: Extension/Public Programs	Connecting the Dots between Social Media, Disease Modeling & Extension to Improve Preparation & Response to vND in Southern California
Martin Smith	Vm: Extension/Public Programs	Addressing On-Farm Antimicrobial Drug Use Practices through A Community of Practice-Based Approach
Marisa Ames	Vm: Medicine & Epidemiology	The myocardial and renal renin-angiotensin system in normal dogs and dogs with myxomatous mitral valve disease
Munashe Chigerwe	Vm: Medicine & Epidemiology	Investigating the minimum individual cow colostral immunoglobulin G concentration required for pooling to achieve adequate passive immunity in dairy calves
Munashe Chigerwe	Vm: Medicine & Epidemiology	Blended and hybrid learning: Adoption of cognitive, social, and teaching presence elements on clinical rotations beyond the pandemic
Munashe Chigerwe	Vm: Medicine & Epidemiology	Tending to Those who Teach: Promoting Veterinary Educator Wellbeing: Coordinated by the Educator Wellbeing Initiative
Munashe Chigerwe	Vm: Medicine & Epidemiology	Prewaned dairy calf health management on conventional and organic dairies in California: Determining management practices that require intervention

Sarah Depenbrock	Vm: Medicine & Epidemiology	Prevalence of in-vitro phenotypic antibiotic resistance in respiratory bacterial isolates from weaned dairy heifers in California with and without respiratory disease and the association with farm level management variables and enteric bacterial minimum i
Janet Foley	Vm: Medicine & Epidemiology	Captive breeding and translocation of the endangered Amargosa vole
Janet Foley	Vm: Medicine & Epidemiology	Intervention to Stop an Epidemic of Sarcoptic Mange in San Joaquin Kit Foxes
Janet Foley	Vm: Medicine & Epidemiology	Landscape and sustainability of threatened and endangered species in the Tecopa California wetlands translocation efforts
Janet Foley	Vm: Medicine & Epidemiology	Disease models and den treatments for mange in San Joaquin kit foxes
Janet Foley	Vm: Medicine & Epidemiology	Development of plans for habitat enhancement and restoration supporting recovery of Amargosa vole
Janet Foley	Vm: Medicine & Epidemiology	Prevalence and Knowledge of Tick-borne Disease Among Forest Management Workers and Outdoor Recreators in California
Colleen Geisbush	Vm: Medicine & Epidemiology	Effect of Treatment Frequency on Overall Outcome in Equine Periodontal Disease
Emir Hodzic	Vm: Medicine & Epidemiology	Eradication of Borrelia Persists for More Effective Treatment of Persistent Lyme Disease
Sina Marsilio	Vm: Medicine & Epidemiology	Community shifts of canine gut microbiome after fecal microbiota transplantation
Beatriz Martinez Lopez	Vm: Medicine & Epidemiology	Unraveling The Effect of Contact Networks & Socio-Economic Factors in The Emergence Of Infectious Diseases At The Wild-Domestic Interface
Beatriz Martinez Lopez	Vm: Medicine & Epidemiology	BIGDATA: IA: A multi-level approach for global optimization of the surveillance and control of infectious disease in the swine industry
Beatriz Martinez Lopez	Vm: Medicine & Epidemiology	Development of a Precision epidemiology web-based tool for livestock disease management
Beatriz Martinez Lopez	Vm: Medicine & Epidemiology	NSF Convergence Accelerator- Track D: Data-driven disease control and prevention in veterinary health
Beatriz Martinez Lopez	Vm: Medicine & Epidemiology	Ecology to Economics and Health: Health and agriculture sustainability through interdisciplinary risk mapping and assessment platform of important zoonotic diseases (Eco2Health)
Beatriz Martinez Lopez	Vm: Medicine & Epidemiology	Track-D: Data-driven Disease Prevention and Control in Animal Health

Kathrina Mathews	Vm: Medicine & Epidemiology	Characterization of community shifts of the microbiome and metabolome in dogs with clinical granulomatous meningoencephalitis
Joanne Paul-Murphy	Vm: Medicine & Epidemiology	In vitro pharmacological characterization of gapriprant and a multi-dose study in Redtailed hawks (<i>Buteo jamaicensis</i>)
Esteban Soto Martinez	Vm: Medicine & Epidemiology	Testing of Viral Samples for California Department of Fish and Wildlife Fish Health Laboratory (2018-2021)
Esteban Soto Martinez	Vm: Medicine & Epidemiology	Western Regional Aquaculture Center: Emerging and Re-emerging Flavobacterial Pathogens in Aquaculture
Esteban Soto Martinez	Vm: Medicine & Epidemiology	Statewide Fish Disease Research Program
Esteban Soto Martinez	Vm: Medicine & Epidemiology	Testing of Viral Samples for California Department of Fish and Wildlife Fish Health Laboratory
Esteban Soto Martinez	Vm: Medicine & Epidemiology	Mitigating antimicrobial use in aquaculture through vaccination: Development of inactivated and live attenuated vaccines against <i>Edwardsiella piscicida</i> for use in farmed fish
Esteban Soto Martinez	Vm: Medicine & Epidemiology	Identification of novel <i>Flavobacterium columnare</i> vaccine candidates for catfish and other aquaculture fish species in the Southern region
Ellen Sparger	Vm: Medicine & Epidemiology	Characterization of Myeloid Cell Phenotypes and Frequencies in Feline Cancers and Infectious Disease
Joshua Stern	Vm: Medicine & Epidemiology	Evaluating the safety and efficacy of clevidipine in dogs with congestive heart failure secondary to myxomatous mitral valve disease
Joshua Stern	Vm: Medicine & Epidemiology	Evaluating the safety and efficacy of clevidipine in dogs with congestive heart failure secondary to myxomatous mitral valve disease
Joshua Stern	Vm: Medicine & Epidemiology	Expansion of the Feline MLI associated breeding colony and longitudinal evaluation of MLI associated cardiovascular disease
Lisa Tell	Vm: Medicine & Epidemiology	Training rural mixed animal veterinarians in residue avoidance with support of a new collaborative food animal medicine internship
Lisa Tell	Vm: Medicine & Epidemiology	Avian Helicopters in Urban Gardens: Use of Radiofrequency Identification Technology for Studying Charismatic Pollinators in California
Lisa Tell	Vm: Medicine & Epidemiology	FOOD ANIMAL RESIDUE AVOIDANCE DEPLETION PROGRAM (FARAD, aka historically Food Animal Residue Avoidance Databank, 7 USC 7642)
Lisa Tell	Vm: Medicine & Epidemiology	UC Davis Hummingbird Health and Conservation Program: Sample Collection and Freezer Storage of Carcasses for Hummingbird Health and Conservation Studies

Lance Visser	Vm: Medicine & Epidemiology	Effect of standard-dose and high-dose pimobendan on renal function in dogs with preclinical myxomatous mitral valve disease
Gino Cortopassi	Vm: Molecular Bio Sciences	A drug for mitochondrial biogenesis in humans for muscle disease
Gino Cortopassi	Vm: Molecular Bio Sciences	A ketogenic longevity diet for resistance to age-related functional decline and Alzheimer's disease
Gino Cortopassi	Vm: Molecular Bio Sciences	Pharmacodynamics and in vivo efficacy of fumarate for mitochondrial disease in vivo
Gino Cortopassi	Vm: Molecular Bio Sciences	Investigations of targets, mechanisms, and optimal delivery of therapeutic ketosis for functional longevity and treatment of Alzheimer's disease
Gino Cortopassi	Vm: Molecular Bio Sciences	Targeting Shc to reduce inflammation and fibrosis in the aging liver
Xiaosong Jiang	Vm: Molecular Bio Sciences	Fumarates for alcoholic liver disease
Pamela Lein	Vm: Molecular Bio Sciences	Traffic-related air pollution exacerbates AD-relevant phenotypes in a genetically susceptible rat model via neuroinflammatory mechanism(s)
Candice Price	Vm: Molecular Bio Sciences	UCSF Nutrition Obesity Research Center
Wilson Rumbeiha	Vm: Molecular Bio Sciences	CA 19 PPA Inorganic Bromide
Wilson Rumbeiha	Vm: Molecular Bio Sciences	IDD FY22PPA Inorganic Bromide
Kimber Stanhope	Vm: Molecular Bio Sciences	The effects of orange juice compared with sugar-sweetened beverage on risk factors and metabolic processes associated with the development of cardiovascular disease and type 2 diabetes
Brian Bird	Vm: One Health Institute	Prediction of Spillover Potential and Interventional En Masse Animal Vaccination to Prevent Emerging Pathogen Threats in Current and Future Zones of US Military Operation
Brian Bird	Vm: One Health Institute	Crimean Congo hemorrhagic fever virus surveillance in Tanzania and Sierra Leone
Tierra Evans	Vm: One Health Institute	Epidemiology of Zoonotic Viruses in Forest Extraction Communities in Rural Myanmar
Tierra Evans	Vm: One Health Institute	Skywalker Gibbon Conservation Project
Christine Johnson	Vm: One Health Institute	EpiCenter for Emerging Infectious Disease Intelligence
Christine Johnson	Vm: One Health Institute	Collaborative Research: PIPP Workshop: Pandemic Readiness for Emerging Pathogens(PREP) to be Held February 15-19, 2021.
Christine Johnson	Vm: One Health Institute	Impacts of Rapid Landscape Change and Biodiversity on Virus Host Specificity
Woutrina Smith	Vm: One Health Institute	Addressing Young Stock Mortality in Smallholder Farms and Pastoral Herds in Ethiopia

Raymund Wack	Vm: One Health Institute	Assessing Temporal and Spatial Variation in the Fecundity and Health of Female Giant Gartersnakes (<i>Thamnophis gigas</i>) in response to Water Availability in the Sacramento Valley
Michael Ziccardi	Vm: One Health Institute	Subject Matter Expertise for Food, Agriculture, and Veterinary Defense Systems Architecture, Capabilities, Gaps, and Needs Assessment
Michael Ziccardi	Vm: One Health Institute	Oiled Wildlife Care Network - Research to Support the Effects of Oil on Wildlife FY 2020
Michael Ziccardi	Vm: One Health Institute	Subject Matter Expertise for Food, Agriculture, and Veterinary Defense Systems Architecture, Capabilities, Gaps, and Needs Assessment
Christopher Barker	Vm: Pathology, Micro, & Immun	Pacific Southwest Regional Center of Excellence (COE) for Vector-Borne Disease Research at the University of California
Christopher Barker	Vm: Pathology, Micro, & Immun	Pacific Southwest Regional Center of Excellence (COE) for Vector-Borne Disease Research at the University of California
Christopher Barker	Vm: Pathology, Micro, & Immun	West Nile virus control through mosquitocidal avian bloodmeals
Nicole Baumgarth	Vm: Pathology, Micro, & Immun	The B Cell Insulin Receptor in Health and in Insulin Resistance
Smita Iyer	Vm: Pathology, Micro, & Immun	Role of female genital mucosa associated CD4 T cells in vaccine-induced HIV Susceptibility (COVID SUPPLEMENT ADDED)
Smita Iyer	Vm: Pathology, Micro, & Immun	Immunologic and virologic determinants of congenital Cytomegalovirus transmission and disease in rhesus monkeys
Gregory Lanzaro	Vm: Pathology, Micro, & Immun	Safely engineering various classes of gene drives to control a major invasive disease vector <i>Ae. aegypti</i>
Gregory Lanzaro	Vm: Pathology, Micro, & Immun	Evaluating leading GM mosquito strategies using novel <i>A. gambiae</i> population dynamic data and models
Gregory Lanzaro	Vm: Pathology, Micro, & Immun	STAGE ONE: PATHWAY TO WHO PHASE 2 FIELD TRIALS OF A POPULATION MODIFICATION GEM
Gregory Lanzaro	Vm: Pathology, Micro, & Immun	STAGE TWO: ADVANCEMENT TOWARD APPROVAL OF WHO PHASE 2 FIELD TRIALS OF A POPULATION MODIFICATION GEM
Amy Morrison	Vm: Pathology, Micro, & Immun	Refinement and assessment of a patient-reported outcome (PRO) and an observer-reported outcome (ObsRo) instrument for measurement of symptom severity in dengue illness
Amy Morrison	Vm: Pathology, Micro, & Immun	ZIKA AND DENGUE CO-CIRCULATION UNDER ENVIRONMENTAL CHANGE AND URBANIZATION

Michael Payne	Vm: Pathology, Micro, & Immun	CDQAP Support 2020: Environmental, Animal Care and Food Safety Outreach
Michael Payne	Vm: Pathology, Micro, & Immun	CDQAP Support 2021: Environmental, Animal Care and Food Safety Outreach
Jeroen Saeij	Vm: Pathology, Micro, & Immun	Toxoplasma sporozoite genes that determine environmental resistance and invasion of host cells.
Karen Shapiro	Vm: Pathology, Micro, & Immun	Simultaneous Detection, Viability Discrimination, and Quantitative Risk Assessment of Shellfish-Borne Protozoan Pathogens
Karen Shapiro	Vm: Pathology, Micro, & Immun	Simultaneous Detection, Viability Discrimination, and Quantitative Risk Assessment of Shellfish-Borne Protozoan Pathogens
Karen Shapiro	Vm: Pathology, Micro, & Immun	Interaction between microplastics and pathogen pollutants in marine ecosystems: Implications for seafood safety
Edward Atwill	Vm: Population Hlth & Reprod	Western Center for Food Safety
Danika Bannasch	Vm: Population Hlth & Reprod	Poodle Allele Frequencies and Intervertebral Disc Disease
C Brown	Vm: Population Hlth & Reprod	Infrastructure for Data Intensive Biology
C Brown	Vm: Population Hlth & Reprod	Large-scale annotation-free disease correlation analysis of the iHMP
Bidisha Chakraborty	Vm: Population Hlth & Reprod	Socioecological factors driving individual decisions to participate in between-group conflict among a group-living primate in an anthropogenic landscape
Bidisha Chakraborty	Vm: Population Hlth & Reprod	Flexible participation in between-group conflict among a group-living primate in an anthropogenic landscape
Alda de Andrade e Pires	Vm: Population Hlth & Reprod	Multi-Regional Risk Analysis of Farm manure Use: Balancing Soil Health and Food Safety for Organic Fresh Produce Production
Alda de Andrade e Pires	Vm: Population Hlth & Reprod	Capacity Building Using Train-the-Trainer Approach to Improve Biosecurity and Reduce Disease Spread in Small-scale and Backyard Livestock and Poultry Premises
Rodrigo Gallardo	Vm: Population Hlth & Reprod	Newcastle disease quality assurance program linked with vaccination
Lynette Hart	Vm: Population Hlth & Reprod	Refining a Method to Measure Heart Rate Variability (HRV) in Freely Moving Cats to Assess Welfare

Xunde Li	Vm: Population Hlth & Reprod	NARMS expands surveillance of antimicrobial resistance in retail foods to Hawaii
Xunde Li	Vm: Population Hlth & Reprod	Enhancing NARMS surveillance of antibiotic resistance in retail foods in Hawaii
Xunde Li	Vm: Population Hlth & Reprod	Extending NARMS surveillance of antibiotic resistance in retail foods in California
Fabio Lima	Vm: Population Hlth & Reprod	Predicting Metritis Cure as a Path to Reduce Antimicrobial Use in Dairy Cows
Gabriele Maier	Vm: Population Hlth & Reprod	Beef Quality Assurance-a collaborative effort by industry experts to develop stewardship guidelines and best practices addressing the top three disease challenges for cow-calf livestock producers as directed by FAC 14404
Richard Pereira	Vm: Population Hlth & Reprod	A systems approach to improve quality and shelf life of organic dairy products for domestic and export markets
Bart Weimer	Vm: Population Hlth & Reprod	A diazotrophic microbiome associated with maize reduces dependence on N fertilization
Michael Kent	Vm: Surg/Rad Science	Certificate for Diversity and Inclusion in Veterinary Medicine
Elyse Salpeter	Vm: Surg/Rad Science	Chromatic pupillometry as a screening tool for heritable retinal disease in rhesus macaques (<i>Macaca mulatta</i>)
Jin Zhang	Vm: Surg/Rad Science	Exploring DNA Polymerase Eta as a Target to Overcome the Resistance to Platinum-based Drugs in NSCLC
Sharif Aly	Vm: Teaching Res Ctr - Tulare	Antimicrobial Resistance Genotype in Adult Cattle on California Dairies
Sharif Aly	Vm: Teaching Res Ctr - Tulare	Effect of Antimicrobial Treatments on Rates of Acquisition and Loss of Antimicrobial Resistance in Adult Cattle on California Dairies.
Sharif Aly	Vm: Teaching Res Ctr - Tulare	Reducing antibiotic resistance using a novel machine learning algorithm for selective dry-cow treatment in dairy cows
Fernanda Ferreira	Vm: Teaching Res Ctr - Tulare	Development of an economic tool to optimize mastitis management programs in California
Terry Lehenbauer	Vm: Teaching Res Ctr - Tulare	Integration of a multi-pronged standardized methodology to identify key diseases and prioritized antimicrobial alternatives in production animals: Dairy cattle group
Thomas Vickers	Vm: Wildlife Health Center	Santa Ana Mountains to eastern Peninsular Range Conservation Connectivity Infrastructure Planning Project for Interstate 15 and Closely Associated Roadways

Thomas Vickers	Vm: Wildlife Health Center	Estimation of the population of mountain lions in the Santa Ana Mountains and comparison of techniques for population estimation and DNA collection, wildlife photo technology development, and development of a long-term monitoring plan and collaborations f
Thomas Vickers	Vm: Wildlife Health Center	Temecula Creek Wildlife Corridor Baseline Wildlife Movement Project
Michael Ziccardi	Vm: Wildlife Health Center	Guadalupe Fur Seal Population Census and Tagging in Support of Marine Mammal Monitoring Across Multiple Navy Training Areas in the Pacific Ocean
Michael Ziccardi	Vm: Wildlife Health Center	Oiled Wildlife Care Network - Research to Support the Effects of Oil on Wildlife FY 2019
Michael Ziccardi	Vm: Wildlife Health Center	Oiled Wildlife Care Network - Research to Support the Effects of Oil on Wildlife FY 2020
Sharif Aly	VMTRC - Tulare	Survey and Longitudinal Study on Antimicrobial Treatments and Resistance in Adult Cattle on California Dairies
Sharif Aly	VMTRC - Tulare	Association between Antimicrobial Treatments at Dry-Off and Antimicrobial Resistance in Adult Cattle on California Dairies
Bennie Osburn	West Inst Food Safety Security	FSMA Produce Safety Rule alignment for California Specialty Crop growers
Bennie Osburn	West Inst Food Safety Security	Food Defense and FSMA: How to Model Risks, Vulnerabilities and Implement Mitigation Plans
Deborah Bennett	Western Cooling Efficiency Ctr	Optimization of ventilation system operation to minimize long-range airborne infectious disease transmission, pollutant exposure, and energy consumption
Subhrajit Chakraborty	Western Cooling Efficiency Ctr	Reducing GHG Emissions
Subhrajit Chakraborty	Western Cooling Efficiency Ctr	NRDC Commercial Buildings Electrification GHG Impact Study
Nelson Dichter	Western Cooling Efficiency Ctr	ARBNCO - EnergyPlus Retrofit Engine
Nelson Dichter	Western Cooling Efficiency Ctr	Analysis of Greenhouse Gas Emissions Reductions Using Functional Storage Options in California
Nelson Dichter	Western Cooling Efficiency Ctr	Analysis of Greenhouse Gas Emissions from Residential Heating Technologies in the USA
Nelson Dichter	Western Cooling Efficiency Ctr	The Impact of Building Electrification on GHG Emissions

Curtis Harrington	Western Cooling Efficiency Ctr	Performance Modeling of the Climate Wizard 3 and Insulated Duct Analysis
Caton Mande	Western Cooling Efficiency Ctr	Optimizing heat pump load flexibility for cost, comfort, and carbon emissions
Mark Modera	Western Cooling Efficiency Ctr	Climate Appropriate Innovations for VRF Systems
Mark Modera	Western Cooling Efficiency Ctr	Optimization of energy efficiency for multifamily and commercial buildings
Mark Modera	Western Cooling Efficiency Ctr	Scaling IDSM retrofits for zero net energy communities
Mark Modera	Western Cooling Efficiency Ctr	Ventilation solutions for energy efficient California schools: Improving indoor air quality through advanced, high performance HVAC
Mark Modera	Western Cooling Efficiency Ctr	Climate Appropriate Innovations for VRF Systems
Mark Modera	Western Cooling Efficiency Ctr	Reduction of Cooling Energy Use and Demand in Northern Mexico no residenciales
Mark Modera	Western Cooling Efficiency Ctr	Improving Indoor Air Quality, Energy Efficiency, and Greenhouse Gas Reductions through Multifamily Unit Compartmentalization
Vinod Narayanan	Western Cooling Efficiency Ctr	Energy efficient HVAC packages for existing residential buildings
Vinod Narayanan	Western Cooling Efficiency Ctr	Improving Water and Energy Efficiency In California's Dairy Industry
Vinod Narayanan	Western Cooling Efficiency Ctr	Aerosol sealing in new construction
Vinod Narayanan	Western Cooling Efficiency Ctr	Hybrid HVAC with Thermal Energy Storage R&D
Theresa Pistoichini	Western Cooling Efficiency Ctr	Reduce greenhouse gas emissions from building heating and cooling systems
Theresa Pistoichini	Western Cooling Efficiency Ctr	Exhibit A-6: Improving Water and Energy Efficiency in CA's Dairy Industry Field Support
David Rapson	Western Cooling Efficiency Ctr	ANALYSIS OF IMPROVEMENTS IN ENERGY EFFICIENCY AND ENERGY CONSERVATION IN THE NON-RESIDENTIAL ELECTRICITY SECTOR
David Vernon	Western Cooling Efficiency Ctr	Grid Integrated ZNE Communities (Customer-Centric Approach to Scaling IDSM Retrofits)

David Vernon	Western Cooling Efficiency Ctr	DOE I-Corps Commercialization Training for Hybrid HVAC with Thermal Energy Storage
David Vernon	Western Cooling Efficiency Ctr	Demonstrate and deploy emerging space and water heating solutions to decarbonize large commercial buildings
D Anderson	Wildlife & Fisheries Biology	Integrating seabird distribution and abundance with oceanographic conditions: Comparing long-term data and current information to enhance marine spatial planning
Roger Baldwin	Wildlife & Fisheries Biology	An assessment of secondary impacts of anticoagulant rodenticides on predators
Roger Baldwin	Wildlife & Fisheries Biology	A test of management tools for invasive roof rats in citrus orchards.
Roger Baldwin	Wildlife & Fisheries Biology	Developing and testing an IPM approach for managing roof rats in citrus
Roger Baldwin	Wildlife & Fisheries Biology	Developing and testing an IPM approach for managing roof rats in citrus
Louis Botsford	Wildlife & Fisheries Biology	Improving management under MLMA by accounting for effects of MLPA MPAs on fisheries
John Eadie	Wildlife & Fisheries Biology	Assessment of the Body Condition of Diving Ducks in the Suisun Marsh.
Andrew Engilis	Wildlife & Fisheries Biology	Investigating the Risk of Human Disease from Parasites of Small Mammals and Bats
Andrew Engilis	Wildlife & Fisheries Biology	Biomonitoring of DWR California Delta Restoration Projects
Nann Fangue	Wildlife & Fisheries Biology	Behavior of Green Sturgeon Near a Model Louver System in a Laboratory, Flume, and an Assessment of Predation Risk
Nann Fangue	Wildlife & Fisheries Biology	Effects of Multiple Environmental Stressors on Ecological Performance of Early Life Stage Sturgeon
Nann Fangue	Wildlife & Fisheries Biology	Testing the Efficacy of Caging Systems for Sensitive Stages of Delta Smelt: Embryo Hatching, Larval Rearing, and Sub-Adult Density Experiments
Nann Fangue	Wildlife & Fisheries Biology	Researching Methods to Improve Passage and Determine Impacts of Diversion and Flood Control Structures to Green Sturgeon for US ARMY CORPS of ENGINEERS (USACE)
Nann Fangue	Wildlife & Fisheries Biology	Alternative Rearing Site for Winter-run Chinook Captive Brood Stock
James Hobbs	Wildlife & Fisheries Biology	Drought Effects on Delta Smelt
Daniel Karp	Wildlife & Fisheries Biology	Managing wild birds for improved strawberry production, pest control, and food safety outcomes in the California Central Coast
Daniel Karp	Wildlife & Fisheries Biology	How conflicting policies and supply chain pressure influence farmers' decisions and tradeoffs on biodiversity, profitability and sustainability

Daniel Karp	Wildlife & Fisheries Biology	Towards a decision-support tool for identifying and mitigating on-farm risks to food safety
Daniel Karp	Wildlife & Fisheries Biology	Belmont Forum Collaborative Research: Scenarios for providing multiple ecosystem services and biodiversity in viticultural landscapes
Daniel Karp	Wildlife & Fisheries Biology	Identification and Characterization of Bacteria Capable of Suppressing Human Pathogens in Agricultural Soils
Daniel Karp	Wildlife & Fisheries Biology	Habitat use and bird community stability in Neotropical working landscapes
Daniel Karp	Wildlife & Fisheries Biology	FACT: Cyberinfrastructure for Landscape Impacts on Biocontrol
Daniel Karp	Wildlife & Fisheries Biology	Community modeling and analytics for wildlife occurrence data
Daniel Karp	Wildlife & Fisheries Biology	Towards a holistic assessment of the food-safety risks imposed by wild birds
Daniel Karp	Wildlife & Fisheries Biology	Cascading effects of waterbirds and fish on biodiversity, ecosystem services, climate mitigation, and crop yields in California rice fields
Douglas Kelt	Wildlife & Fisheries Biology	LTREB Renewal: Climatic change and community organization across three trophic levels: long-term research at a sentinel site in semiarid north-central Chile
Levi Lewis	Wildlife & Fisheries Biology	Monitoring fish and zooplankton assemblages in the Alviso Marsh 2019-2021
Levi Lewis	Wildlife & Fisheries Biology	Tidal Marsh Restoration Monitoring in the San Francisco Estuary
Florian Mauduit	Wildlife & Fisheries Biology	Enhancing larval Delta Smelt fitness to ensure successful supplementation
Kiva Oken	Wildlife & Fisheries Biology	CNHL: The Dynamics of Adaptation to Climate-Driven Variability in California Current Fisheries and Fishing Communities
Andrew Rypel	Wildlife & Fisheries Biology	Monitoring Juvenile Spring-Run Chinook in Response to Climate-Driven Flows in the San Joaquin River and South Delta
Andrew Rypel	Wildlife & Fisheries Biology	Synchrony of native fish movements: synthesis science towards adaptive water management in the Central Valley
Andrew Rypel	Wildlife & Fisheries Biology	Science for adaptive management of juvenile spring-run Chinook salmon in the San Joaquin River
Rahel Sollmann	Wildlife & Fisheries Biology	Megafires and ecological networks
Rahel Sollmann	Wildlife & Fisheries Biology	Fire Scale and Context on Ecological Networks in the Sierra Nevada
Brian Todd	Wildlife & Fisheries Biology	Use of Environmental DNA and Occupancy Modeling to Determine the Distribution of Non-native Watersnakes in Environmentally Sensitive Habitats

Brian Todd

Wildlife & Fisheries Biology

BLM CA Evaluate/Model Impacts of Roads, Washes, and Fences to Desert
Tortoise Population Viability

