Sustainability Researchers

	Name and Department	Research Topics
1	Aaron Covey, Facility Analyst, Arts and Science	Manage and analyze facilities data for the College of Arts and Science at Vanderbilt
2	Abhishek Dubey, Assistant Professor of Computer Engineering and Computer Science	smart grids
3	Aimee Robinson, Program Coordinator, The Martha Rivers Ingram Commons	Zero Waste Advisory Committee Member
4	Akos Ledeczi, Professor for ISIS	computer science education, wireless sensor networks, and model integrated computing
5	Alan Bowers, Associate Professor of Civil and Environmental Engineering	environmental chemistry, modeling of water and wastewater treatment processes, and role of uncertainty in biological and physical/chemical reactions
6	Alexandra Ewing, SEMO	Nonprofit sector on integrated watershed management, designed and taught environmental justice and environmental health courses, and managed building operations for Metro Nashville government.
7	Alexis Rodriguez, Program Coordinator, Institute for Software Integrated Systems	Model integrated computing, smart cities, distributed object computing, network embedded systems, cyber-physical systems, education technology, smart mobility, modeling and analysis of complex systems
8	Alistair Sponsel, Assistant Professor of History	history of coral reef science, the history of underwater listening, and the history of Polynesian explanations for the origin of the islands in the Pacific
9	Allison Moore, Research Associate, Institute for Software Integrated Systems	problem-based learning and formative assessment in classroom settings
10	Ally Sullivan, Executive Director, Facilities Business Operations	lead the fiscal, administrative and business services that support the institution-wide Facilities organization
11	Amanda Little, Department of English	journalist writing about the environment and innovation and professor of investigative journalism and science writing
12	Amanda R. Benson, Senior Lecturer of Biological Sciences	population genetics, plant biology, evolution and conservation biology
13	Amrutur Anilkumar, Professor of the Practice of Mechanical Engineering	aero-propulsion, energy conversion, and microgravity materials processing
14	Amy Karns, ISIS Staff Engineer	Model integrated computing, smart cities, distributed object computing, network embedded systems, cyber-physical systems, education technology, smart mobility, modeling and analysis of complex systems
15	Amy Shaw, Postdoctoral Candidate, Environmental Engineering	Large Scale Renewable Energy Advisory Committee Member
16	Anand Taneja, assistant professor of religious studies	religious and cultural traditions of South Asia, specializing in the anthropological study of contemporary Islam, Indian popular culture, and inter-religious relations between Muslims and Hindus
17	Andrea George, SEMO	Development, management, and coordination of sustainability and environmental compliance programs across the academic campus and medical center, strategic planning efforts to promote the long-term sustainability of the university.
19	Andrew C. Garrabrants, Associate Research Professor of Civil & Environmental Engineering	fate and transport of contaminants from wastes, sediments and soils in subsurface environments, leaching methods and assessment approaches, management of residuals from energy production, beneficial reuse of waste materials in construction
20	Aniruddha Gokhale, Associate Professor for the Institute for Software Integrated Systems	fault tolerant and real-time middleware; cyber physical systems; model driven engineering
21	Ann Tate, Assistant Professor of Biological Sciences	infectious disease ecology and evolution, ecological immunology, life history evolution, and mathematical modeling of biological dynamics
22	Ashley Carse, Assistant Professor of Human and Organizational Development	global dimensions of community development, environmental politics and sustainability, and the social dimensions of science and technology
23	Ashley Majewski, Coordinator, Division of Administration	Zero Waste Advisory Committee Member
24	Beth Conklin, Department of Anthropology	anthropology of the body, religion and ritual, health and healing, death and mourning, the politics of indigenous rights, and ecology, environmentalism, and cultural and religious responses to climate change
25	Betsey Robinson, Associate Professor of History of Art	research at the Corinth Excavations of the American School of Classical Studies at Athens, focusing on water supply, architecture, and works of art in context
26	Bradley Hawkins, Practicum Director of MPH Program	assessing and to characterizing environmental parameters that contribute to chronic exposures in communities while addressing population health to decrease exposures to environmental hazards
27	Brooke Ackerly, Department of Political Science	global justice, including human rights and climate change
28	Bruce Jennings, Adjunct Associate Professor in the Center for Biomedical Ethics and Society an	ethics and political theory in relation to policy, health, and environmental issues
29	Bruce Morrill, Edward A. Malloy Professor of Catholic Studies	liturgy and sacraments, drawing upon a range of interdisciplinary resources in the fields of systematic and historical theology, ritual studies, cultural anthropology, and biblical studies
30	Carl Johnson, Department of Biological Sciences	cellular and molecular biology of biological clocks
31	Carol Ziegler, Assistant Professor, VU School of Nursing	development and integration of effective models that align community adaptation to climate stress with carbon mitigation policy, focusing on the role of primary care providers in environmental health
32	Carrie Johnson, Assistant Director, Student Centers	Zero Waste Advisory Committee Member
33	Carwil Bjork-James, assistant professor of anthropology	political, ethical, and legal tensions that surround resource extraction projects pursued by "post-neoliberal" governments in South America
34	Cary Pint, Assistant Professor of Mechanical Engineering	energy materials and technology, nanomaterials, sustainability and CO2 conversion, and manufacturing
35	Charles Powers, Professor of Environmental Engineering & Co-Director of CRESP	Understanding and improving the technical, social and regulatory interface for nuclear waste management; the integration of environmental regulatory regimes and the implications of such integration for more cost-effective and sustainable energy choice and use
36	Chelsea Hamilton, SEMO	sustainability outreach, awareness and education while also collaborating with the various sustainability and recycling programs managed and supported by SEMO
37	Chris Lowe, attorney, Office of General Counsel	He advises the university on academic arrangements, real estate transactions, construction agreements, and branding and trademark opportunities
38	Chris Vanags, Director of Research Initiatives, Peabody College	connecting primary scientific research to novel educational experiences with the goal of increasing the STEM pipeline for students from diverse backgrounds
39	Christina Robbins, Director, Ingram Commons	operational planning, budgeting, and assessment of initiatives across multiple units, enhancing collaboration and integration.
40	Christopher Serkin, Associate Dean for Research and Professor of Law	land use and property law
41	Chuck Nicholas, Director, Procurement and Payment Services	Zero Waste Advisory Committee Member
42	Claire Smrekar, Associate Professor Peabody College, Vanderbilt University	School Equity
43	Corey Brady, Assistant Professor of Mathematics Education	mathematical and computational modeling; on learning environments that foster representational fluency and expressivity; and on activities that promote collaborative and collective learning for classroom groups
44	Craig Philip, Research Professor of Civil and Environmental Engineering, Director, Vanderbilt G	transportation and other complex network systems; infrastructure funding and operational management; water resource management
45	Dan McDermet, ISIS Principal Research Engineer	real-time operating systems, secure communications
46	Dan Morgan, Department of Earth & Environmental Sciences	geomorphology, geochronology
47	Daniel Balasubramanian, Research Scientist, Institute of Software Integrated Systems	symbolic execution, code analysis
48	Daniel Funk, Associate Professor of Biological Sciences	ecological specialization; phylogenetic diversification; molecular evolutionary genetics; herbivorous insect biology, ecology, and evolution
49	Daniel Work, Associate Professor of Civil and Environmental Engineering	transportation cyber physical systems, transportation data analytics, traffic estimation & control, connected & autonomous vehicles, mathematical models of traffic, inverse modeling, mobile sensing
50	Dave Krantz , Visiting Scholar in Vanderbilt Institute of Energy & Environment (VIEE) and Climat	problem solving, especially decision making, multiple goals, risky and inter-temporal choice, and especially on social goals
51	David Furbish, Professor & Chair of Earth and Environmental Sciences	geophysics
52	David Hess, Associate Director of Vanderbilt Institute of Energy & Environment, Professor of Sc	politics of industrial transitions, especially factors that lead to a more sustainable economy and society and factors that lead to stasis in transition policies
53	David Kosson, Professor & Chair of Civil and Environmental Engineering & Co-Director of CRES	waste management and environmental remediation that allows new understanding of the fundamental behavior of chemical and radionuclide contaminants in wastes, engineered systems and the environment to impact major decisions and policy
54	David Owens, Clinical Professor of Management	product development, creativity, innovation, entrepreneurship
55	David Schlundt, Associate Professor of Psychology	social, emotional, and environmental influences on eating, exercise, and smoking behavior
56	David Ter Kuile, Executive Director of Dining	leads the award-winning Campus Dining program, which includes 21 campus locations, 42 managers and a staff of 280.
57	David Wood, Department of Philosophy	the ways in which climate change gives new significance and urgency to traditional ethical, political and metaphysical issues
58	Debbie Janke, Assistant Vice Chancellor Strategic Initiatives	led the Large-Scale Renewable Energy Study, the BlueSky Energy Vision Study, and the e-Builder implementation project.
59	Di Yao, ISIS Principal Research Engineer	trade studies and integration activities in system-level vehicle designs.
60	Dmitriy Kostyuchenko, ISIS Senior Research Engineer	(alumni)
61	Douglas Adams, Distinguished Professor of Civil and Environmental Engineering, Chair, Departr	nonlinear structural dynamics and vibrations, structural health monitoring/diagnostics and damage prognosis, noise and vibration control, applications in aerospace and automotive systems, applications in energy systems including wind turbines and batteries, applications in defense and security platforms
62	Douglas Fisher, Department of Electrical Engineering and Computer Science	artificial intelligence, particularly machine learning
63	Douglas Schmidt, Professor for the Institute for Software Integrated Systems	mobile cloud computing, distributed real-time and embedded middleware, cyber-physical systems, software patterns and frameworks, and digital learning
64	Ed Kinney, sourcing offer, procurement	creates, protects and promotes the Vanderbilt University brand through strategic partnerships and activities that will advance the visibility of the university, safeguard the integrity of the brand, and increase trademark licensing revenue to support the mission of the university.
65	Eric Hall, ISIS Principal Research Engineer	Model integrated computing, smart cities, distributed object computing, network embedded systems, cyber-physical systems, education technology, smart mobility, modeling and analysis of complex systems.
66	Eugene LeBoeuf, Professor of Civil and Environmental Engineering	environmental and water resources engineering, hydropower optimization and management, sustainability engineering, environmental security, and contaminant fate and transport applied to groundwater, soil, and sediment systems
67	Eugene Vorobeychik, Assistant Professor of Computer Science and Computer Engineering	adversarial machine learning and data mining, data-driven agent-based modeling, economics of data sharing, game theoretic modeling of security and privacy, cyber-physical system security
68	Evelyn Galetti, Directory Financial Operations and Planning	Capital planning, projects, and operations
69	Florence Sanchez, Associate Professor of Civil and Environmental Engineering, Associate Chair	Chemo-mechanical behavior and long-term performance of cement-based composites; Nanoscale behavior and nanomodification of cement and concrete materials; 3D printing of infrastructure materials; Mechanical/chemical/energy responses at material interfaces; Nanoscale interfacial interactions and dynamics in heterogeneous materials; Chemomechanically adaptive materials; Coupled chemo-transport-mechanical modeling
70	Frank Parker, Professor of Environmental and Water Resources Engineering	Hazardous Waste Engineering, Radioactive Waste Management, Water Quality Management
71	Frankie King, Program Director of Research Coordination and Outreach, ISIS	Model integrated computing, smart cities, distributed object computing, network embedded systems, cyber-physical systems, education technology, smart mobility, modeling and analysis of complex systems
72	Fred Eisele, ISIS System Architect	Collaborative engineering systems, reducing delays and lost audit trails between engineers.
73	G. Kane Jennings, Professor of Chemical and Biomolecular Engineering	molecular design and fabrication of smart surfaces and materials, many of which mimic, replicate, or employ highly functional biological systems
74	Gabor Karsai, Professor of Electrical Engineering, Professor of Computer Science, Associate Dir	Model-driven software and system development, model-integrated computing, distributed and resilient software platforms, verification and assurance of autonomous systems
75	Gautam Biswas, Professor, ISIS	Modeling and analysis of Cyber Physical Systems, Model-based Diagnosis, Data Mining for Diagnosis, Intelligent Learning Environments, Educational Data Mining, Integrated Planning, Scheduling, Control, and Resource Allocation for Complex systems
76	Geoff Little, Assistant Directory of Research and Prospect Development	Vanderbilt Blue Sky energy initiative, fundraising
77	Geoff MacDonald , Head Women's Tennis Coach	Large Scale Renewable Energy Advisory Committee Member
78	George Hornberger, Director of Vanderbilt Institute of Energy & Environment (VIEE), Departme	how hydrological processes are affected by humans and in how human behavior is affected by hydrological processes
79	Gregory Melchor-Barz, professor of ethnomusicology and associate professor of anthropology	medical ethnomusicologist who has engaged field research in Uganda, Rwanda, Kenya, South Africa, and Tanzania
80	Gregory Walker, Associate Professor of Mechanical and Electrical Engineering	micro-scale heat transfer, heat flux measurement, energy transport processes, ultrasonic pyrometry, thermographic phospors, energy conversion devices, high-performance computing
81	Hamp Turner, Adjunct Professor of Civil and Environmental Engineering	Waste management, modeling, remediation, and associated risks
82	Hiba Baroud, Assistant Professor of Civil and Environmental Engineering	Critical infrastructure systems modeling, risk analysis, statistical modeling, risk-informed decision analysis, resilience modeling
83	Himanshu Neema, ISIS System Architect	Heterogeneous simulation integration, modeling and simulation, cloud computing, model-integrated computing, design-space exploration, artificial intelligence, planning and scheduling
84	Hongyang Sun, Research Assistant Professor of Electrical Engineering and Computer Science	broad area of improving performance, energy efficiency (green computing, thermal-aware computing), and reliability (resilience, fault tolerance) of High-Performance Computing (HPC), cloud computing, and distributed computing systems and applications
85	J.B. Ruhl, Energy, Environment and Land Use Program, Vanderbilt Law School	environmental, natural resources and property law, and also studies the legal industry and legal technology
87	Jack Barkenbus, Associate Director CCRN, Vanderbilt Institute for Energy and Environment (VIE	Environment and energy, science and technology, foreign policy and security
88	Jaco Hamman, Director of the Program in Theology and Practice	formation of pastoral leaders, the narratives of Scripture, psychology of religion, psychodynamic theory, play studies, and humanity's deepening relationship with technology
89	James Clarke, Civil and Environmental Engineering	Chemical and nuclear waste management, human health and ecological risk assessment, sustainable and resilient approaches to the remediation of contaminated sites, long term stewardship of legacy hazardous and radioactive waste sites, environmental policy and environmental forensics
90	James Dobbins, Director, Vanderbilt Center for Transportation Research	Marine transportation, marine engineering
91	James Fraser, Associate Professor of Human and Organizational Development	urban redevelopment, particularly how cities remake themselves in response to globalization and how citizens participate in these efforts
92	James Moore, Landscape Architect	Environmentally friendly landscape design
93	James Young, Chemical and Biomolecular Engineering	metabolic engineering; systems biology; diabetes, obesity and metabolic disorders; tumor metabolism; autotrophic metabolism; cell culture engineering
94	Janet Macdonald, Assistant Professor of Chemistry, Vanderbilt University	synthesis of nanoparticles and nanostructured materials
95	Janet Roberts, Facilities Manager, Peabody College	Utilities and facilities management
96	Janey Camp, Research Assistant Professor of Civil and Environmental Engineering	interactions of nature and mad-made systems utilizing geospatial technologies
97	Janos Sallai, Research Scientist, Institute for Software Integrated Systems	Wireless sensor networks, localization and tracking
98	Janos Sztipanovits, Director of ISIS	Embedded software, Structurally adaptive systems, Model-integrated computing
99	Jason Scott, Research Project Manager, Institute for Software Integrated Systems	Large-Scale Software/System Integration, Real-time System Verification, Model Integrated Computing
101	Jayne M Morris, Assistant Director, Commencement	Coordinating special programs related to campus and commencement
102	Jeff Henry, ISIS Computer Systems Analyst	Model integrated computing, smart cities, distributed object computing, network embedded systems, cyber physical systems, education technology, smart mobility, modeling and analysis of complex systems
103	Jennifer Bischoff, Finance Director, Vice Provost Support	Finance and accounting
105	Jermaine Soto, Director of Faculty Development, Office of Faculty Affairs	Professional development in higher education, leader of training and workshops.
106	Jessica L Oster, Assistant Professor of Earth and Environmental Sciences	Paleoclimatology, Low Temperature Geochemistry, Cave and Karst Studies
107	Jesus Gomez-Velez, Assistant Professor of Civil and Environmental Engineering	Environmental flow and transport, groundwater-surface water interactions, watershed hydrology, analytical and numerical modeling, data mining and assimilation
108	Jim Rossi, Professor of Law, Energy, Environment and Land Use Program	administrative and energy law topics, role of public utility doctrines and principles in modern energy markets, as well as federalism and other shared jurisdictional issues affecting agency regulation
109	Joe Bandy, Center for Teaching, Sociology, Peabody College	ways that social movement organizations have responded to the economic changes associated with globalization, especially the efforts of U.S. and Mexican labor and environmental movements to forge coalitions in response to the social problems associated with export processing and free trade
110	John Ayers, Professor of Earth and Environmental Sciences	Geochemistry, Experimental Petrology, Sustainability Science
111	Jonathan Gilligan, Department of Earth & Environmental Sciences	Environmental Policy, Risk Management, Atmospheric Science, Global Climate Change
112	Joseph Hite, ISIS Research Engineer	Model integrated computing, smart cities, distributed object computing, network embedded systems, cyber-physical systems, education technology, smart mobility, modeling and analysis of complex systems
113	Jules White, Assistant Professor, Institute for Software Integrated Systems	Big Data Science and Engineering, Cyber-physical Systems
115	Kaitlin Toner Raimi, CCRN/VIEE Postdoctoral Research Fellow	how social motivations can promote or prevent sustainable behaviors, how people explain away harmful behaviors, how people compare their own beliefs and behaviors to those of other people, and how people's desire to make a good impression can influence them to adopt climate mitigation behaviors
116	Kane Jennings, Chair of the Department of Chemical and Biomolecular Engineering	molecular design and fabrication of smart surfaces and materials, many of which mimic, replicate, or employ highly functional biological systems
117	Kate Bennett, student services, Owen Graduate School of Management	Zero Waste Advisory Committee Member
118	Kathleen L. Wolff, Instructor at the School of Nursing	focus on diabetes and other chronic diseases that are best managed with behavioral and lifestyle change
119	Kathleen Seabolt, Director, child and Family Center	promoting activities, programs and resources aligned to Vanderbilt's guiding principles
120	Katie Dey, ISIS Staff Engineer	Drupal system administration, Drupal theming maintenance, content management services, quality assurance testing, reporting and documentation, strategy development.
121	Keija Hu, Assistant Professor of Operations Management, Owen Graduate School of Managem	service management and sustainability management
122	Keith Louseau, University Architect, Director of Campus Planning and Construction	Environmentally friendly campus planning and construction
123	Keith Meador, director of the Center for Biomedical Ethics and Society	intersections of religion and health and empirical research regarding socio-cultural determinants of illness, health, and human flourishing
124	Kelli Fager, Senior Director, Purchasing and Payment Services	Environmentally preferrable purchasing and sourcing
125	Kenneth Wallston, Vanderbilt University School of Nursing	the psychological, behavioral, and physiological effects of having individuals disclose their thoughts and feelings in writing about particularly stressful or traumatic events that they have experienced, effects of public service messages on individuals' attitudes toward air pollution and their driving behaviors
126	Kevin Brown, Research Associate Professor of Civil and Environmental Engineering	Life-cycle risk evaluation, model integration, and waste management issues related to proposed advanced nuclear fuel cycles and cementitious barriers for nuclear applications
127	Kevin Murphy, Andrew W. Mellon Professor of the Humanities and professor of the history of a	historicism in France and the United States, both with respect to new design based on historic precedents and with regard to the preservation of historic sites
128	Kristin Torrey, Director of Greek Life	Zero Waste Advisory Committee Member
130	Larisa DeSantis, Associate Professor of Earth and Environmental Science	Vertebrate Paleontology, Paleoecology, Paleoclimates
131	Laurie Woods, lecturer in sociology	Criminology, Contemporary Social Issues, Human Ecology, Men and Women in American Society

132	Leigh Shoup, Chief of Staff, Administration	management of the Vice Chancellor's office, and coordinating special projects and assignments related to key initiatives. Has served as lead project manager for the creation of the FutureVU Land Use Plan, a comprehensive vision for the university's footprint over the next 20-30 years
133	Leslie D. Kirby, Director of Undergraduate Studies & Senior Lecturer in Psychology	psychological issues in sustainability, specifically barriers to people acting more sustainably, positive emotions, particularly the use of positive emotional experiences as a buffer against stress
134	Levi Dyer, Purchasing Agent, Procurement and Payment Services	Zero Waste Advisory Committee Member
135	Lily Claiborne, Director of Undergraduate Studies for the Department of Earth and Environmen	Igneous Petrology, Geochemistry, Geoscience Education
136	Linda Reichenberger, Assistant Director, Special Events	Special Events for Vanderbilt Alumni for the University.
137	Lis Wyatt, Director, Custodial Services, Vanderbilt University	Grounds maintenance and landscaping services for Vanderbilt's 330 acres
138	Lisa Bressman, Environmental Law Program, Vanderbilt Law School	Administrative law, constitutional theory, statutory interpretation
139	Lisa Fiorentino, Assistant Director, Real Estate	Manage, negotiate, and coordinate Vanderbilt real estate projects
140	Lori Trawel, Associate Professor of the Practice of Civil and Environmental Engineering	structural engineering and sustainable design
141	Lori Ungurait, Executive Secretary, Facilities Business Operations	Zero Waste Advisory Committee Member
142	Margaret Emley, Director, Real Estate	Management of real estate portfolio
143	Maria Luisa Jorge, Assistant Professor of Earth & Environmental Science	Movement Ecology, Trophic Interactions, Conservation Biology
144	Marian Rushdy, ISIS Research Engineer	design, programming, and app development
145	Mark A. Cohen, Owen Graduate School of Management	Law and economics, government regulation, white-collar and corporate crime, and environmental management and sustainability
146	Mark Abkowitz, Professor of Civil and Environmental Engineering	Risk management, risk assessment, infrastructure resilience, freight transportation, spatial analysis, disaster preparedness
147	Mark Petty, Assistant Vice Chancellor, Plant Operations	Plant operations, utilities
148	Martin Salamone, Assistant Director, Student Athletics	Zero Waste Advisory Committee Member
149	Mary Metelko, ISIS System Architect	Development of a resilient information architecture platform for smart grid application on a distributed cyber physical systems
150	Matt Buckley, Assistant Director, Custodial Services, Vanderbilt University	Campus waste and recycling, operational activities of the Vanderbilt University campus recycling program, including events and on-campus partnerships
151	Matthew Lang, Professor of Chemical and Biomolecular Engineering, Professor of Molecular Ph	Biological motors, cell signaling and immunology
152	Matthew Zaragoza-Watkins, Assistant Professor of Economics	intersection of industrial organization, energy and the environment, design and performance of economy-wide and sector-specific environmental policies
153	Meagan Sargent, Project Manager, Campus Planning and Construction	Campus planning and construction
154	Megan Sargent, Project Manager, Facilities Campus Planning and Construction	Zero Waste Advisory Committee Member
155	Michael Bess, Professor of European Studies, Vanderbilt University	History of the social and ethical implications of technological change; twentieth-century European history
156	Michael Vandenbergh, Director if Climate Change Research Network (CCRN), Environmental La	Environmental and energy law, relationship between formal legal regulation and informal social regulation of individual and corporate behavior
157	Michelle Marcus, Assistant Professor of Economics	intersection of health and environmental economics, quantifies the health impacts of exposure to environmental toxins and explores the roles that governmental policy and increased information can play in mitigating these health effects
158	Mike Perez, Associate Vice Chancellor, Chief Facilities Officer	Responsible for providing a well-maintained and sustainable campus, oversees the planning, program management and implementation of best practices for all aspects of campus facilities and grounds operations, maintenance, utilities and construction as well as real estate initiatives
159	Mitch Lampley, Director Engineering and Tech Support	Directs the Plant Operations Department in the procurement of utilities as well as maintenance of all university buildings and grounds
160	Molly Miller, Department of Earth & Environmental Sciences	relationship between soft-bodied animals and physical and biologic components of their environment, and how this relationship has changed through the Phanerozoic
161	Nagabhushan Mahadevan, ISIS System Architect	resilient cyber-physical systems, model-based systems health management, real-time diagnosis, verification and validation of diagnosis systems and paradigms for assessing performance degradation and system reliability in radiation environments.
162	Naveeduddin Mohammed, ISIS Research Engineer	Designing, developing and maintaining frameworks for open-ended computer-based learning environments and metacognitive tutors.
163	Neil Kelly, Assistant Professor of Earth and Environmental Science	Paleontology, Paleoecology, Macroevolution, Marine Reptiles
164	Patricia Helland, Associate Dean of Students, Vanderbilt University	Organizational Management, Strategic Planning, Non-Profit Management, Service Learning, Instructional Design, and Fundraising.
165	Patrick Trent Greiner, Assistant Professor of Sociology,	how various forms of inequality emerging from social, political, and economic structures pattern socio-environmental outcomes in ways that are often detrimental to environmental systems and harmful to marginalized social groups
166	Patrik Meijer, ISIS Senior Research Engineer	Modelling tools, UX/UI design and implementation, software engineering.
167	Peter Volgyesi, Research Scientist, Institute for Software Integrated Systems	wireless sensors, low-power hardware design, software-defined radios, signal processing, and sensor fusion.
168	Philippe Fauchet, Dean of the School of Engineering	photonics, energy, and the semiconductor/biology interface, all using silicon-based nanoscience and nanotechnology
169	Rachel Harrell, Vanderbilt Law School	Zero Waste Advisory Committee Member
170	Rae Torres, Facult Assistant, Vanderbilt Law School	Zero Waste Advisory Committee Member
171	Ralf Bennartz, Professor of Earth and Environmental Science	Atmospheric Physics, Clouds and Climate, Arctic and High Latitudes, Meteorological Satellite Remote Sensing
172	Ralph Bruce, Professor Electrical Engineering and Computer Science	Energy and Natural Resources, Nano Science and Technology
173	Ravindra Duddu, Civil and Environmental Engineering	developing advanced physics based models for materials and material phenomena; formulating robust and accurate numerical methodologies; and implementing efficient algorithms for parallel computing
174	Richard Chotard, Office of General Counsel	Risk and insurance management, compliance, BlueSky imitative
175	Richard Speece, Centennial Professor of Civil and Environmental Engineering, Emeritus	anaerobic Biotransformation of hazardous pollutants oxygenation of rivers and lakes
176	Riyaz Latif, Mellon Assistant Professor of History of Art	Environmental awareness and programming projects on campus
177	Rizia Bardhan, Assistant Professor of Chemical and Biomolecular Engineering	Nano Science and Technology, Energy and Natural Resources, Biomedical Imaging and Biophotonics, Regenerative Medicine
178	Robert Daniels, ISIS System Architect	Model integrating computing, smart cities, distributed object computing, network embedded systems, cyber-physical systems, education technology, smart mobility, modeling and analysis of complex systems
179	Robert Grajewski, Executive Director Vanderbilt Innovation Center	Welding and welding controls, weld pool thermal and fluid modeling, sensor development, machine-vision-based quality control systems, robotic weld-path programming and robotic welding, alternative fuel engines, technical photography and imaging systems
180	Robert Joel Barnett, Associate Professor of the Practice of Mechanical Engineering	Welding and welding controls, weld pool thermal and fluid modeling, sensor development, machine-vision-based quality control systems, robotic weld-path programming and robotic welding, alternative fuel engines, technical photography and imaging systems.
181	Robert Ladbuga, Research Professor, Institute for Software Integrated Systems	model integrated computing, software integrated systems
182	Robert Owens, ISIS System Architect	Application development, Mechanical design/analysis process/methodologies improvements, Software engineering process/methodologies improvements
183	Robert Stammer, Associate Professor of Civil and Environmental Engineering, Vanderbilt Unive	Highway and Pedestrian Safety, Crash Investigations, Traffic Engineering, Transportation Systems Design, Human Factors, and Multi-modal Freight
184	Robert W. Pitz, Professor of Mechanical Engineering, Vanderbilt University	Laser diagnostics, laminar & turbulent combustion, turbulence-chemistry interaction, pollutant formation, supersonic combustion, gas turbine combustion, rocket propulsion, Raman scattering, laser-induced fluorescence, molecular-tagging velocimetry.
185	Ron Emerson, Professor of Pharmacology, Biochemistry, Molecular Physiology and Biophysics,	Molecular neurobiology, RNA editing, Alternative splicing, Generation of receptor diversity and function
186	Ryszard Wycisk, Research Associate Professor of Chemical and Biomolecular Engineering, Vand	Energy conversion and storage; membranes and separators from functional polymers and composites.
187	Sandep Neema, Research Scientist, Institute for Software Integrated Systems	Model Integrated Computing, Large Scale Systems Integration, Design Space Exploration, Embedded Systems
188	Sandra Rosenthal, Jack and Pamela Egan Chair of Chemistry, Vanderbilt University	synthesis. structure. and optical spectroscopies of semiconductor nanostructures. Applications of materials include lighting and display technologies. Particularly interested in applying nanocrystals in neuroscience to elucidate molecular mechanisms of mental disorders.
189	Sara Maddox, Assistant Director of ISIS	Model integrated computing. smart cities. distributed object computing. network embedded systems. cyber-physical systems. education technology. smart mobility. modeling and analysis of complex systems
190	Sara Safransky, Assistant Professor of Human and Organizational Development, Vanderbilt Uni	Urban and environmental studies, decolonial theory, critical race studies, feminist geography, social movements, and participatory research
191	Scott Glasgow, Senior Special Events Coordinator, Vanderbilt University	Planning and development
192	Shanmuga Sundaram, Assistant Vice Chancellor, Information Technology, Vanderbilt University	Stable, efficient, secure IT infrastructure
193	Shawn Goodman, Director Investment Office, Vanderbilt University	Sustainable investments
194	Shihong Lin, Assistant Professor of Civil and Environmental Engineering, Vanderbilt University	Membrane Processes, Water-Energy-Environment Nexus, Environmental Surface Science, Environmental Application and Implication of Nanotechnology
195	Shitanshu Mishra, Research Associate, Institute for Software Integrated Systems	Learning science, educational technology, computing education research, collaborative learning, collaborative problem solving and development of technology-enhanced learning-teaching environments
196	Simon Darroch, Assistant Professor of Earth and Environmental Science, Vanderbilt University	Paleoecology of mass extinctions and major events in Earth History, Geobiology of the Precambrian-Cambrian boundary, Biogeography and the preservation potential of biotic gradients
197	Stacey Crowhurst, Director of Finance and Administration, Vanderbilt University	financial analysis, budgeting, forecasting, capital planning, and workflow improvements for Capital Planning & Construction and Plant Operations.
198	Stephen Rees, ISIS Principal Research Engineer	Web application development, traffic management, electronics, control systems, security
199	Steve Gild, SEMO	Gather and calculate data related to Vanderbilt's sustainability initiatives, such as recycling, waste disposal, greenhouse gas emissions, fuel and energy use, alternative transportation use, and other sustainability metrics
200	Steven Goodbred, Professor of Earth and Environmental Sciences, Vanderbilt University	Sedimentary systems. Quaternary environments. Coastal. marine. and deltaic processes
201	Steven Krahn, Professor of the Practice of Nuclear Environmental Engineering, Vanderbilt Univ	Nuclear and environmental policy and regulation: risk assessment and risk management: operational readiness and technology insertion in nuclear facilities: the nuclear fuel cycle.
202	Suzanne Herron, Sustainability Manager, Dining Services	Zero Waste Advisory Committee Member
203	Tamas Kecskes, ISIS Senior Research Engineer	Model Integrated Computing, Visual Modeling
204	Taylor Johnson, Assistant Professor, Institute for Software Integrated Systems	developing formal verification techniques and software tools for cyber-physical systems (CPS) with goals of improving CPS safety, reliability, and security, while advancing fundamental results and applying techniques and tools from hybrid systems, formal methods, control theory, software engineering, distributed systems, and real-time systems
205	Ted Bapty, Research Associate Professor, Institute for Software Integrated Systems	model integrated computing, software integrated systems
206	Teresa Goddu, Director of American Studies, Vanderbilt University	Environmental humanities
207	Thushara Gunda, postdoctoral researcher CEE	Security of water, food, energy, and waste resources, Natural resource planning, development, and management, Integration of physical and social science research
208	Tom Howard, Facilities Manager, Athletics, Vanderbilt University	Facilities and event management
209	W. Kip Viscusi, Law & Economics Program, Vanderbilt Law School	Regulation of health, safety, and environmental risks; law and economics; tort liability; risk and uncertainty
210	Weiming Xiang, Research Associate, Institute for Software Integrated Systems	Developing theories of control and verification for hybrid systems and applying them to complex cyber-physical systems.
211	William Robinson, Assistant Professor, Institute for Software Integrated Systems	Cyber physical systems, risk and reliability
212	Xenofon Koutsoukos, Professor Electrical Engineering and Computer Science, Vanderbilt Unive	Big data science and engineering, risk and reliability, cyber and physical systems, sensor networks
213	Yolanda McDonald, Assistant Professor, Department of Human Organization and Development	where and why health disparities exist using geographic information science (GIS) theory and methods informed by environmental and social justice frameworks and the theory of intersectionality.
214	Yuche Chen, Research Assistant Professor of Civil and Environmental Engineering, Vanderbilt U	Sustainable transportation (system modeling & physical-based powertrain simulation), Air quality and health impacts of mobile emissions (modeling & fieldwork), Energy, environmental and societal impacts of autonomous vehicles, Statistical modeling & big data analytics, Dynamic and stochastic optimization
215	Zdravka Tzankova, Associate Professor of Sociology, Vanderbilt University	Environmental Policy and Regulation, Environmental Movements and ENGO Strategies, Corporate Environmentalism
216	Zhenkai Zhang, Research Scientist, Institute for Software Integrated Systems	Cyber-Physical Systems, Embedded and Real-Time Systems, Automotive Control Systems, Formal Verification, Binary Analysis, Co-Simulation, Software Security, Hardware Security