| Division or Research Center | Department | Faculty | Description Sust. Research | Include in 2019 (Y/N/M) | Reason for excluding |
|---|---|---|---|---|---|
| Arts | Art | Elliott W. Anderson | Anderson's current research incorporates computer technologies to engage questions about land use and social interventions into the environment. His recent work, Silicon Monuments - in collaboration with the Silicon Valley Toxics Coalition - uses augmented reality software on hand-held devices to create a site-specific, multimedia documentary about toxic Superfund sites in Silicon Valley. Viewers can explore the sites and interact with the documentary, which reveals hidden environmental damage and its health and social costs. Website link: http://arts.ucsc.edu/faculty/eanderson/ | Y | |
| Arts | Art | Laurie Palmer | A. Laurie Palmer's work is concerned with material explorations of matter's active nature as it asserts itself on different scales and in different speeds, and with collaborating on strategic actions in the contexts of social and environmental justice. These two directions sometimes run parallel and sometimes converge, taking form as sculpture, installation, writing, and public projects. Collaboration, with other humans and with non-humans, is a central ethic in her practice. Website link: http: //alauriepalmer.net/ | Y | |
| Arts | History of Arts and Visual Culture | T.J. Demos | Contemporary art and visual culture, investigating in particular the diverse ways that artists and activists have negotiated crises associated with globalization, including the emerging conjunction of post-9/11 political sovereignty and statelessness, the hauntings of the colonial past, and the growing biopolitical conflicts around ecology and climate change. Most recently Demos is the author of Decolonizing Nature: Contemporary Art and the Politics of Ecology (Sternberg Press, 2016), which investigates how concern for ecological crisis has entered the field of contemporary art and visual culture in recent years, and considers art and visual cultural practices globally. Website link: http://creativeecologies.ucsc.edu | Y | |
| Arts | History of Arts and Visual Culture | Albert Narath | Albert Narath is an Assistant Professor in the HAVC division. His current work operates within the intersection of architectural history, environmental history, and anthropology. Projects on subjects such as the impact of ecological thinking on architectural practice, the history of "passive solar" design, and the adoption of environmentalist ideas in architectural education interrogate the complex relationships between the ideas of technology and nature in design discourse during the past half-century. Website link: anarath@ucsc.edu | | |

| | | | | | |
|---|---|---|---|---|---|
| Arts | History of Arts and Visual Culture | Kyle Parry | Kyle Parry is an Assistant Professor in the HAVC division. Kyle Parry researches across digital media, visual culture, critical theory, and the environmental humanities. His book project, Disaster and Assembly, proposes a new, assembly-based framework for cultural practices around ecological and technological disasters, both sudden and slow-moving. Website link: http://kparry.com/ | | |
| Arts | Art | Linda Burman-Hall | Linda's current research interests are in biomusic. She has composed a cycle of electro-acoustic audio collages based on the vocalization of endangered species from the Indonesian rain forests (especially Hylobates klossii, the Mentawai gibbon) and is currently continuing to collect shamanistic songs about the endangered primates and other animals in Mentawai Archipelago. Website link: http://artsites.ucsc.edu/faculty/Burman-Hall/ | | |
| | Art | Karolina Karlic | Assistant professor in Photography, Digital Media and Film. Her work focuses on history and theory of photography and practice; art, documentary, and narrative media, archival theory and practice; industrial diaspora, social engagement and the environment. Her most recent and ongoing work, Rubberlands, is inspired by research on the history of Henry Ford's forgotten jungle city, Fordlândia, in the Brazilian Amazon. This ongoing project weaves together materials from the Henry Ford archives, auto manufacturing advertising archives, and rubber industry archives in combination with photographic fieldwork across Brazil's rubber plantations. Website link: http://www.karolinakarlic.com/ | | |
| Arts | Art | Newton Harrison | Professors-in-residence at UCSC with the Digital Arts and New Media graduate program. Among the leading pioneers of the eco-art movement, the collaborative team of Newton and Helen Mayer Harrison (often referred to simply as "the Harrisons") have worked for forty years with biologists, ecologists, architects, urban planners and other artists to initiate collaborative dialogues to uncover ideas and solutions which support biodiversity and community development. Website link: http://art.ucsc.edu/news_events/art-department-welcomes-arts-deans-visiting-eminent-professors-newton-and-helen-harrison | | |
| Arts | Art | Helen Mayer Harrison | Professors-in-residence at UCSC with the Digital Arts and New Media graduate program. Among the leading pioneers of the eco-art movement, the collaborative team of Newton and Helen Mayer Harrison (often referred to simply as "the Harrisons") have worked for forty years with biologists, ecologists, architects, urban planners and other artists to initiate collaborative dialogues to uncover ideas and solutions which support biodiversity and community development. | N | |
| Arts | Art | Dee Hibbert-Jones | Her cross-disciplinary artwork ranges from experimental forms of public art, interventions, and participatory practice to sculpture, installations, time-based video and animated film projects. Her research looks at the changing nature of public and private spheres, social connectedness, affect, memory and political feelings. She also researches the role and function of the object in the 21st century, specifically in relation to the environment, landfills, planned obsolescence and the global economy. Website link: http://deehibbertjones.com | Y | |

| | | | | |
|---|---|---|---|---|
| Arts | Art | Norman Locks | Locks photographs the biodiversity of nature and masters a visual language for speaking about the wilderness. There is a democracy at work in Locks' imagery. Every leaf, rock, tree and blade of grass is deserving of attention. These works present the beauty of the ecosystems, the details, the enormity of the delicate enterprise of nature. They offer the viewer a powerful sense of belonging to nature and serve as an irrefutable call for stewardship and eco-sensitivity. Website link: http://normanlocks.ucsc.edu/ | |
| Arts | Art | Jennifer Parker | Literal, formal, and idiomatic approach to materials (including sustainable materials) and a political, private, and metaphorically abstract attitude toward expression as it relates to information and creativity. Website link: http://artsites.ucsc.edu/faculty/jparker/ | Y |
| Arts | Art | Elizabeth Stephens | Elizabeth Stephens is a performance artist, activist, and educator whose art-work, performance art and writing have explored themes of queerness, feminism, and environmentalism for over 25 years. Her current passion is SexEcology: the art of exploring the Earth as a lover. Stephens is creating this new field of research in collaboration with her partner Annie Sprinkle. Together they form the Love Art Laboratory where they are attempting to make the environmental movement a little more sexy, fun, and diverse. Website link: http://elizabethstephens.org | Y |
| Engineering | Applied Mathematics & Statistics | Eric Anderson | Statistical methods in fisheries management and ecology, parentage inference, inference of species hybrids, genetic stock identification. Website link: https://users.soe.ucsc.edu/~eriq/eric_ams/Home.html | Y |
| Engineering | Applied Mathematics & Statistics | David Draper | Bayesian statistics, hierarchical modeling, Bayesian nonparametric methods, model specification and model uncertainty, quality assessment, risk assessment, statistical applications in the environmental, medical, and social sciences. Website link: https://www.soe.ucsc.edu/ | Y |
| Engineering | Applied Mathematics & Statistics | Athanasios Kottas | Research focuses invlude Bayesian nonparametrics, mixture models modeling and inference for point processes, nonparametric regression, survival analysis, applications in biometrics, ecology, and the environmental sciences. Website link: https://users.soe.ucsc.edu/~thanos/ | Y |
| Engineering | Applied Mathematics & Statistics | Bruno Sanso | Research focuses include Bayesian spatio-temporal modeling, environmental and geostatistical, applications, modeling of extreme values, statistical assessment of climate variability. Website link: http://www.soe.ucsc.edu/~bruno | Y |
| Engineering | Applied Mathematics & Statistics | Marc Mangel | Mathematical modeling of biological phenomena, especially quantitative issues in fishery management; mathematical and computational aspects of aging and disease; impact of technology on biological systems. Website link: https://users.soe.ucsc.edu/~msmangel/ | Y |
| Engineering | Applied Mathematics & Statistics | Bruno Mendes | Parameter and model uncertainty in geophysics and groundwater contamination modeling, Bayesian statistics, parallel computation. Website link: https://www.soe.ucsc.edu/people/mendes | Y |
| Engineering | Electrical Engineering | Zhixi Bian | Semiconductor materials and devices for optoelectronics and thermoelectrics, thermal management of microelectronics, renewable energy Website link: https://quantum.soe.ucsc.edu/group-members | Y |

| | | | | |
|---|---|---|---|---|
| Engineering | Electrical Engineering | Kenneth Laws | HF radar sensing of ocean surface currents, HF radar detection of ships, other applications of radar remote sensing, development of autonomous ocean surface vehicles for coastal marine sensing, and development of renewable energy sources. Website link: https://citris-uc.org/person/professor-kenneth-laws/ | Y |
| Engineering | Electrical Engineering | Katie Monsen | Sustainability Engineering. Website link: https://envs.ucsc.edu/faculty/directory_lecturers.php?uid=kmonsen | Y |
| Engineering | Electrical Engineering | Holger Schmidt | Research focuses on energy efficient semiconductors and nanostructure, all-optical semiconductor devices. Website link: https://photon.soe.ucsc.edu/hschmidt.htm | Y |
| Engineering | Electrical Engineering | Oxana Pantchenko | Renewable energy. Website link: https://quantum.soe.ucsc.edu/group-members | Y |
| Engineering | Electrical Engineering | Yu Zhang | Research focuses on sustainability of electric power systems and "Smart Monitoring and Predictive Learning for Sustainable Microgrids". | Y |
| Engineering | Electrical Engineering | Jonathan Trent | OMEGA (Offshore Membrane Enclosures for Growing Algae) technology that efficiently grows biofuel from the wastewater of cities. Website link: https://www.soe.ucsc.edu/people/jtrent | Y |
| Engineering | Electrical Engineering | John Vesecky | HF radar design and construction and observation of ocean surface winds, waves and currents with applications to coastal and deep water ocean processes; project MEDSAT, sustainable design. Website link: http://www.soe.ucsc.edu/~vesecky/ | Y |
| Engineering | Electrical Engineering | Kazuaki Yazawa | System optimization of thermoelectric power generation. Website link: https://quantum.soe.ucsc.edu/group-members | Y |
| Engineering | Electrical Engineering | Yihsu Chen | Climate-change-induced Vulnerability of the California Northern Natural Gas Energy System, Sustainability-aware Management of Inter-dependent Power and Water Systems, RO Brine Treatment with Zero-Liquid Discharge. Website link: https://www.soe.ucsc.edu/people/yihsuchen | Y |
| Engineering | Electrical Engineering | Carlos Maltzahn | numerical weather prediction community to make management of large datasets, Optimizing storage systems for climate scientists. Website link: https://users.soe.ucsc.edu/~carlosm/UCSC/Home/Home.html | Y |
| Engineering | Electrical Engineering | David Bernick | production of liguid fuels from agricultural waste, production of vitamin B12 using cyanobacteria, production of progesterone using Yarrowia lipolytica for use as a contraceptive. Website link: https://www.soe.ucsc.edu/people/dbernick | Y |
| Engineering | Technology & Information Management | Brent Haddad | Integrated Water Management, Regional Water Management, Water and Energy Policy, Political Economy, Renewable Energy. Website link: https://campusdirectory.ucsc.edu/cd_detail?uid=bhaddad | Y |
| Engineering | Computer Science and Engineering | Jose Renau | Research involves nergy efficient data-centers. Website link: https://users.soe.ucsc.edu/~renau/ | Y |
| Humanities | History | Edmund Burke III | Edmund Burke, III is a Research Professor of World History at the University of California, Santa Cruz, where he directs the Center for World History. Burke is the author and editor of numerous books and articles on environmental history and world history including Environmental Imaginaries of the Middle East: History, Policy, Power and Practice and The Environment and World History. Website link: https://campusdirectory.ucsc.edu/cd_detail?uid=eburke | Y |
| Humanities | History | Jennifer L. Derr | Jennifer L. Derr is an Assistant Professory in the History division. Her research interests include colonial and Post-colonial Middle Eastern history; Egypt; agricultural and environmental history; Ottoman history; spatial politics; African history; Islamic history; history of science; history of medicine. Her current work incorporates environmental, social and economic aspects of sustainability. Website link: https://history.ucsc.edu/faculty/profiles/index.php?uid=jderr | Y |

| | | | | |
|---|---|---|---|---|
| Humanities | History | Murium Haleh Davis | Murium Haleh Davis is an Assistant Professor in the History division. Her research interests focus on development, decolonization and race in North Africa. She is currently working on a manuscript that studies how the postwar reinvention of a market economy influenced prevailing ideas of race and national identity in Algeria. Some of her work is focused on agriculture. Her work ties in social, economic and environmental dimensions to sustainability. Not in 2016, added to 2019. Website link: https://history.ucsc.edu/news-events/profiles/muriam-davis.html | Y |
| Humanities | History | Mark Cioc | Mark Cioc is the former editor of the journal Environmental History and the author of several books on global environmental controversies, including The Game of Conservation: International Treaties to Protect the World's Migratory Animals (2009) and The Rhine: An Eco-Biography, 1815-2000 (2002). Website link: https://humanities.ucsc.edu/academics/faculty/index.php?uid=cioc | Y |
| Humanities | History | Maya K. Peterson | Water, History of engineering, environmental history. Website link: https://campusdirectory.ucsc.edu/cd_detail?uid=mkpeters | Y |
| Humanities | History | Bruce A Thompson | Environmental history. Website link: https://campusdirectory.ucsc.edu/detail.php?type=people&uid=brucet | Y |
| Humanities | History of Consciousness | Donna J Haraway | Haraway's works have contributed to the study of both human-machine and human-animal relations. Her works have sparked debates in primatology, philosophy, and developmental biology. (Emerita) | |
| Humanities | Literature | Carla Freccero | In 2010 she won the Critical Animal Studies Faculty Paper of the Year. Her fields include early modern European literature and history; critical theory; popular culture and cultural studies; and animal studies. Website link: https://campusdirectory.ucsc.edu/cd_detail?uid=freccero | Y |
| Humanities | Literature | Amanda M. Smith | Research involves environmental justice and sustainability. Her most recent publication is "From the Rubber Boom to Ayawaskha Tourism: Shamanic Initiation Narratives and the Commodification of Amazonia." Website link: https://smith.sites.ucsc.edu/ | Y |
| Humanities | Philosophy | Daniel E Guevara | Kant, moral philosophy, environmental ethics, history of modern philosophy, Wittgenstein. Website link: https://danielguevara.sites.ucsc.edu/ | Y |
| Humanities | Philosophy | Rasmus Grønfeldt Winth | As a philosophy professor, I investigate the structure, dynamics, and functions of scientific theories and models. How do models about cognition and climate change influence technology, and how is that technology used? Website link: http://www.rgwinther.com/ | Y |
| Humanities | Writing | Maureen Foster | Environmental film, ecocriticism; Website link: https://thi.ucsc.edu/event/living-writers-series-emily-carr-maureen-foster-lindsay-knisley-and-ingrid-moody-2/ | Y |
| Humanities | Writing | Joy Hagen | Ecological risks of genetically engineered organisms; population dynamics; agroecology and food systems; science and uncertainty. Website link: https://campusdirectory.ucsc.edu/cd_detail?uid=joyhagen | Y |
| Humanities | Writing | Brij D. Lunine | Evaluating environmental writing. Website link: https://writing.ucsc.edu/faculty/index.php?uid=brij43 | Y |
| Humanities | Writing | Patrick McKercher | Saving the home of Andrew P Hill, our local John Muir, who founded the Sempervirens Club, which has saved most of the remaining local old- growth redwoods. Website link: https://people.ucsc.edu/~pmmckerc/ | Y |
| Humanities | Writing | Annalisa Rava | Human-Animal Studies, Science Fiction Studies, Animals in Science Fiction, Science Fiction and the Post-Human Body. She observed wild chimpanzees at Gombe Stream National Park, Tanzania, for the purpose of enriching the teaching of her writing class that explores human perceptions and treatment of animals. Website link: https://writing.ucsc.edu/faculty/index.php?uid=arava | Y |
| Humanities | Writing | Robin Elizabeth Somers | Sustainable agriculture and cooking organically; writing poetry and fiction; Research: the benefits of teaching food memoir in an academic writing course. Website link: http://www.robinsomers.com/teaching.html | Y |

| | | | | |
|---|---|---|---|---|
| Humanities | Writing | Terry Terhaar | Intense spiritual experience in nature. Writing in the sciences; inquiry- based (research) writing; environmental writing and thought; biodiversity conservation; environmental ethics; religion, spirituality, and nature. Website link: https://writing.ucsc.edu/faculty/index.php?uid=tterhaar | Y |
| Humanities | Writing | David Thorn | Recearch interests include ethics and emerging technologies; climate change and global warming; food production and distribution in America but also on other continents; everything about Africa and African life, including the relationship between humans and animals on that continent. | Y |
| Physical and Biological Sciences | Biochemistry & Molecular Biology | Robert Ludwig | Renewable bioenergy: hydrogen production by direct photoconversion. | Y |
| Physical and Biological Sciences | Biochemistry & Molecular Biology | Rebecca Braslau | Research is aimed at replacing endocrine disrupting phthalate plasticizers from PVC products with a benign alternative attached to the polymer chain. The environmental consequences are: 1. This tremendously lowers the toxicity of PVC products to both humans and wildlife. There is no leaching of plasticizer into the environment compared to the current technology. PVC is produced on over 61 million tons per year worldwide; currently there is a huge amount of phthalate plasticizer leaching out into the environment over the lifetime of the PVC products. 2. PVC chemically attached to the alternative plasticizers will not become brittle with age, improving the lifetime of functional use of the PVC products. This means one does not need to buy replacement items over time. Website link: http://braslau.chemistry.ucsc.edu/ | Y |
| Physical and Biological Sciences | Biochemistry & Molecular Biology | Shaowei Chen | Energy conversion applications: Electrocatalytic activity of new functional nanomaterials for fuel cell electrochemistry, such as oxidation of fuel molecules at the anode and oxygen reduction reaction at the cathode. Website link: http://chen.chemistry.ucsc.edu/ | Y |
| Physical and Biological Sciences | Biochemistry & Molecular Biology | Yat Li | Microbial fuel cells are electronic devices that utilize exoelectrongenic bacteria to recover chemical energy from wastewater. The Li lab has demonstrated a solar-assisted microbial fuel cell that is capable of continuous, self-sustained hydrogen gas (chemical fuel) generation based solely on sunlight and wastewater. Website link: http://li.chemistry.ucsc.edu/ | Y |
| Physical and Biological Sciences | Biochemistry & Molecular Biology | Scott Oliver | Developed materials that can trap pollutants from water, specifically heavy metals anions. Synthesized water-stable materials (both inorganic and metal-organic) that are positively charged and contain charge-balancing anions. The latter are released upon uptake of the pollutant from water, the primary focus at present being perchlorate, chromate and pertechnetate. Website link: https://oliverlab.weebly.com/ | Y |
| Physical and Biological Sciences | Biochemistry & Molecular Biology | Yuan Ping | Development and application of quantum mechanics computational techniques to understand optoelectronic and catalytic properties of materials and predict/design new materials which can be promising for energy conversion (such as photovoltaic and solar water splitting cells) and energy storage (such as fuel cells and battery) applications. Website link: http://yuanping.chemistry.ucsc.edu/ | Y |
| Physical and Biological Sciences | Biochemistry & Molecular Biology | Jin Zhang | Research on solar energy conversion into electricity or chemical fuel such as hydrogen. The focus is on developing new nanomaterials for enhancing the efficiency and stability of solar cells or photoelectrochemical cells. This has direct impact to renewable energy and environment. Recently, the lab has been concentrating on metal halide provskite materials, a class of material that shows outstanding photovoltaic performance (>20% power conversion efficiency). Long term stability is a key issue of interest and the lab has been working on understanding the origin of instability and developing new approaches for stabilize these new materials. Website link: https://zhanglab.chemistry.ucsc.edu/ | Y |
| Physical and Biological Sciences | Biochemistry & Molecular Biology | Pradip K Mascharak | Mascharak's group is related to the area of new "Green Chemistry." For some time, this group has been studying the oxidation of various organic substrates (including alkanes and alkenes) by non-heme iron and cobalt complexes in conjunction with O2, H2O2 and ROOH. The goal of this project is to synthesize catalysts that operate under mild conditions (less energy requirements) and utilize safer reagents (like O2) for oxidations. Website link: https://campusdirectory.ucsc.edu/cd_detail?uid=pradip | Y |

| | | | | | |
|---|---|---|---|---|---|
| Physical and Biological Sciences | Chemistry | Alex Ayzner | Research on sustainable solutions to renewable energy; focusing specifically on solar light harvesting. Working with light-weight materials that are inexpensive to process, and oftentimes can be processed in water -- the most environmentally benign solvent. Currently working on novel polymeric semiconductor materials that can be processed in (salt) water while retaining substantial oleophilic character, which is attractive from, e.g., an oil remediation perspective. Website link: https://ayzner.chemistry.ucsc.edu/ | Y | |
| Physical and Biological Sciences | Chemistry | Ilan Benjamin | Development and application of statistical mechanical computational techniques to uptake of pollutants by water surfaces, extraction of metal ions pollutants from water solution and design of environmentally benign phase transfer catalysts for green chemistry synthesis. Website link: https://campusdirectory.ucsc.edu/cd_detail?uid=ilan | Y | |
| Physical and Biological Sciences | Earth and Planetary Sciences | Patrick Y. Chuang | Interaction among aerosols, clouds, and climate and how they influence our ability to predict how Earth's climate may change in the future. Website link: https://people.ucsc.edu/~pchuang/ | Y | |
| Physical and Biological Sciences | Earth and Planetary Sciences | Matthew E. Clapham | Using ancient crises as analogues for current environmental stresses to elucidate organismal and community responses to climate change, ocean acidification, and hypoxia. Website link: https://people.ucsc.edu/~mclapham/ | | |
| Physical and Biological Sciences | Earth and Planetary Sciences | Andrew T. Fisher | UC Water Security and Sustainability Research Initiative.<br>Surface water - groundwater interactions; Hydrogeology and thermal evolution of oceanic crust, seamounts, ridge flanks, and convergent margins; Numerical modeling of coupled flows; Aquifer characterization, testing, facies controls on hydrologic properties; Ground water aquifer-marine interactions; Long-term monitoring, geothermal instrumentation. Website link: https://websites.pmc.ucsc.edu/~afisher/ | Y | |
| Physical and Biological Sciences | Earth and Planetary Sciences | Gary Griggs | Coastal zone and ranges from coastal evolution and development, through shoreline processes, coastal hazards and coastal engineering, and sea level rise. Website link: https://campusdirectory.ucsc.edu/cd_detail?uid=griggs | Y | |
| Physical and Biological Sciences | Earth and Planetary Sciences | Paul Koch | Vertebrate paleoecology and evolution in environmental context through reconstruction of ancient ecosystems and climates. Website link: https://websites.pmc.ucsc.edu/~pkoch/ | Y | |
| Physical and Biological Sciences | Earth and Planetary Sciences | Lisa S. Sloan | Regional climate change in the California region and climate modeling; warm and transitional intervals of climate in geologic history. Website link: https://campusdirectory.ucsc.edu/cd_detail?uid=lsloan | Y | |
| Physical and Biological Sciences | Earth and Planetary Sciences | Mark Snyder | Type 2-L02170124 Collaborative Research: Investigating Decadal Climate Predictability and Climate Impacts (IDCPI) on the Western US. Climate Variability and Agricultural Impacts. Website link: https://websites.pmc.ucsc.edu/~msnyder/index.html | N | |
| Physical and Biological Sciences | Earth and Planetary Sciences | Slawek Tulaczyk | Ice sheets and glaciers as dynamic features interacting with geologic, hydrologic, and climatic processes on different timescales, relationship between ice-sheet behavior and climate change. Website link: https://sites.google.com/site/ucscice/ | Y | |
| Physical and Biological Sciences | Earth and Planetary Sciences | James Zachos | James' research is oriented toward identifying the mechanisms responsible for driving long and short-term changes in global climate. Website link: https://websites.pmc.ucsc.edu/~jzachos/JamesZachos/Zachos.html | | |
| Physical and Biological Sciences | Ecology and Evolutionary Biology | Giacomo Bernardi | Fish biology, phylogenetics, evolution. Website link: http://bernardi.eeb.ucsc.edu/ | Y | |
| Physical and Biological Sciences | Ecology and Evolutionary Biology | Robin C Dunkin | STEM education, large vertebrate physiology, environmental physiology. Research involves addressing sound pollution. Website link: http://williams.eeb.ucsc.edu/lab-members/robin-dunkin/ | Y | |

| | | | | | |
|---|---|---|---|---|---|
| Physical and Biological Sciences | Ecology and Evolutionary Biology | Mark Carr | Carr and his graduate students conduct basic and applied ecological research that informs ecosystem-based conservation and management. He and his students work in coastal marine (e.g. kelp forests) and freshwater (e.g., river) ecosystems. Research topics include long-term monitoring of population and ecosystem dynamics, geographic patterns of ecosystem structure, species-habitat relationships, the design of networks of marine protected areas, effects of species interactions on community dynamics. Much of his work is conducted in close collaboration with California state and federal agencies and conservation organizations. Website link: https://www.eeb.ucsc.edu/faculty/dept-faculty/carr.html | Y | |
| Physical and Biological Sciences | Ecology and Evolutionary Biology | Daniel Costa | Physiological ecology of marine mammals and birds. Such oceanographic data are making a contribution to studies of climate change and are providing insights into how marine mammals and seabirds might respond to climate change. By investigating the interaction between physiology, behavior, and reproductive ecology of free-ranging animals we can elucidate the environmental factors influencing their distribution and abundance. His most recent work includes, aquatic energy harvesting and Intelligent Systems for wildlife and environmental sensing. Website link: http://costa.eeb.ucsc.edu/ | Y | |
| Physical and Biological Sciences | Ecology and Evolutionary Biology | Kristy Kroeker | Her research involves global change biology, community ecology, applied marine ecology, climate change, ocean acidification, multiple stressors, policy and management.Website link: http://kristy-kroeker.squarespace.com/ | Y | |
| Physical and Biological Sciences | Ecology and Evolutionary Biology | Donald Croll | His lab brings science and action together to solve conservation problems. They use science to identify and prioritize conservation problems and work with agencies and NGOs to develop and test cost effective solutions that can be taken to scale. Much of their work has focused on seabirds and island ecosystems, but we will apply our approach to any ecosystem where it can make a profound difference. Website link: http://bio.research.ucsc.edu/people/croll/ | Y | |
| Physical and Biological Sciences | Ecology and Evolutionary Biology | Jim Estes | Marine sciences, community ecology, species interactions. Website link: https://werc.ucsc.edu/ | Y | |
| Physical and Biological Sciences | Ecology and Evolutionary Biology | Laurel R. Fox | Terrestrial population and community ecology, plant-animal interactions, includes the dynamics of endangered plants, ecological effects of climate change and community effects of invasive species. Website link: http://fox.eeb.ucsc.edu/ | Y | |
| Physical and Biological Sciences | Ecology and Evolutionary Biology | Kathleen Kay | Plant evolutionary ecology, she is studying the population genetic structure of two rare mints that occur on the serpentine soils of Plumas National Forest. This study will better elucidate the evolutionary origins of edaphic endemism and provide valuable information for restoration efforts. Website link: https://kay.eeb.ucsc.edu/ | Y | |

| | | | | | |
|---|---|---|---|---|---|
| Physical and Biological Sciences | Ecology and Evolutionary Biology | Marm Kilpatrick | Disease ecology, population biology. Much of his current work in disease ecology is focused on West Nile virus, a mosquito-transmitted pathogen that currently causes thousands of human cases each year, as well as affecting millions of animals. However, he also work on several other pathogen systems including chytridiomycosis, Lyme disease, Brucellosis,and avian influenza. Website link: http://kilpatrick.eeb.ucsc.edu/ | Y | |
| Physical and Biological Sciences | Ecology and Evolutionary Biology | Bruce E. Lyon | Behavioral ecology, evolutionary ecology, avian ecology, Current research projects include (1) the adaptive basis of conspecific brood parasitism and parental tactics in waterbirds, particularly several species of coots (Fulica) breeding in North and South America, (2) the evolution of ornamented offspring through parental choice in the genus Fulica, (3) sexual selection, mating system and plumage evolution in lark buntings and lazuli buntings and (4) social organization and social signaling in wintering golden-crowned sparrows. Website link: http://lyon.eeb.ucsc.edu/ | Y | |
| Physical and Biological Sciences | Ecology and Evolutionary Biology | Rita Mehta | Comparative marine physiology, behavioral evolution. Website link: http://mehta.eeb.ucsc.edu/people/rita-mehta/ | | |
| Physical and Biological Sciences | Ecology and Evolutionary Biology | Eric P. Palkovacs | Freshwater ecology, eco-evolutionary dynamics, fisheries and fish ecology. Website link: https://palkovacs.eeb.ucsc.edu/ | | |
| Physical and Biological Sciences | Ecology and Evolutionary Biology | Ingrid M. Parker | Plant ecology, plant-pathogen interactions, biological invasions, she has an interest in both documenting the ecological impacts of particular invasions, and understanding the biological mechanisms behind those impacts. At the interface between science and policy, can we use theoretical ecology to help make better prioritization decisions for species eradication or control? Can we accurately assess the risk of introducing new species (or transgenic varieties)? Website link: http://parker.eeb.ucsc.edu/ | Y | |
| Physical and Biological Sciences | Ecology and Evolutionary Biology | Jarmila Pittermann | Plant physiology, water relations and structure and function. Current research projects in the lab include 1) the evolutionary ecophysiology of ferns, 2) the drought response of redwood forest understory plants, 3) the structure and function of 'pygmy forest' plants, and 4) the coupling of plants and animals under climate change scenarios. Website link: http://pittermann.eeb.ucsc.edu | Y | |
| Physical and Biological Sciences | Ecology and Evolutionary Biology | Grant Pogson | Molecular population genetics, ecological genetics, marine invertebrates and fishes. Website link: https://pogson.eeb.ucsc.edu/ | Y | |
| Physical and Biological Sciences | Ecology and Evolutionary Biology | Donald Potts | Coral reef ecology, genetics, evolution, and geological history; marine biodiversity; tropical biology, global change, and remote sensing, Because coastal environments involve the land-sea-air interfaces in proximity to land masses, where they are especially vulnerable to changes in any of these three environmental components, our research is based on the premise that coastal systems are already changing in response to the combined effects of natural and anthropogenic processes. Website link: http://bio.research.ucsc.edu/people/potts/index_files/projects.htm | | |
| Physical and Biological Sciences | Ecology and Evolutionary Biology | Peter Raimondi | Marine ecology, evolutionary ecology, experimental design, applied ecology. | Y | |

| | | | | | |
|---|---|---|---|---|---|
| Physical and Biological Sciences | Ecology and Evolutionary Biology | Beth Shapiro | Molecular evolution, ancient DNA, viruses, and phylogenetics, interested in studying extinction. Some of her most recent work includes, Collaborative Research in Paleoclimate, Paleoenvironment and Other Potential Drivers of Extinction of Mammuthus primigenius , St. Paul Island, Pribilof Islands, Alaska. Website link: https://pgl.soe.ucsc.edu/ | Y | |
| Physical and Biological Sciences | Ecology and Evolutionary Biology | Barry Sinervo | Animal behavior, evolution, physiological ecology. Website link: https://web.pbsci.ucsc.edu/research/eeb/sinervo/index.php/en/rock-paper-scissors/ | Y | |
| Physical and Biological Sciences | Ecology and Evolutionary Biology | John N. Thompson | Coevolution, evolutionary ecology and genetics of species interactions, organization of biodiversity, he uses a wide range of ecological, genetic, molecular, and evolutionary approaches to study how the interacting species may coevolve in different ways in different habitats, and how interactions continue to evolve amid environmental change. Website link: https://thompsonlab.sites.ucsc.edu/ | | |
| Physical and Biological Sciences | Ecology and Evolutionary Biology | Terrie Williams | Large mammal physiology, bioenergetics, exercise and environmental physiology, This research approach provides a powerful tool that enables our group to predict the responses of animals to novel environmental perturbations and to speculate about the physiology and biomechanics of ancestral forms. Website link: http://williams.eeb.ucsc.edu/ | | |
| Physical and Biological Sciences | Microbiology | Peter Weiss-Penzias | The role of fog in Mercury cycling in the coastal ocean, landscape and ecosystems. Website link: https://research.pbsci.ucsc.edu/metx/pweiss/ | | |
| Physical and Biological Sciences | Microbiology | Chad Salticov | Microbial anaerobic respiratory processes that influence the biotransformation of pollutants in the environment. Website link: https://www.metx.ucsc.edu/research/saltikov.html | Y | |
| Physical and Biological Sciences | Microbiology | Donald Smith | Neurotoxicity, cellular and organismal responses to environmental toxins. Website link: https://www.metx.ucsc.edu/research/smith.html | Y | |
| Physical and Biological Sciences | Ocean Sciences | Barbara Balestra | Ecology of extant coccolithophores, biostratigraphy, paleoceanographic and paleoclimate reconstructions in the Pliocene, Pleistocene and Holocene. Website link: https://websites.pmc.ucsc.edu/~apaytan/people/page_BarbaraB.html | | |
| Physical and Biological Sciences | Ocean Sciences | Matthew D. McCarthy | Organic geochemistry, marine organic geochemistry, global biogeochemical cycles, affects of climate change. Website link: https://campusdirectory.ucsc.edu/cd_detail?uid=mdmccar | | |
| Physical and Biological Sciences | Ocean Sciences | Christopher Edwards | Coastal Ocean Data Assimilation Experiment of Central California. Website link: http://oceanmodeling.ucsc.edu/ | | |
| Physical and Biological Sciences | Ocean Sciences | Rachel Foster | Symbiotic diazotrophs. Website link: https://websites.pmc.ucsc.edu/~wwwzehr/research/personnel/ | | |
| Physical and Biological Sciences | Ocean Sciences | Elliot Hazen | Focused on understanding how fish distributions are affected by environmental variables at multiple spatial and temporal scales. Website link: https://hazen.sites.ucsc.edu/ | | |
| Physical and Biological Sciences | Ocean Sciences | Raphael Kudela | Ecological modeling and remote sensing; satellite oceanography; phytoplankton ecology and harmful algal blooms. Also has studied ecological risk of ocean urea fertilizations used for Carbon Credits. Website link: http://oceandatacenter.ucsc.edu/home/ | Y | |
| Physical and Biological Sciences | Ocean Sciences | Andrew M Moore | Ocean dynamics, numerical modeling and data assimilation, coastal oceanography, tropical air-sea interaction and tropical climate variability, generalized stability analysis, ocean prediction and predictability, adjoint methods in oceanography and meteorology, stochastic systems. He also studies model uncertainties of the impact of climate change on North Pacific Ocean. Website link: https://oceansci.ucsc.edu/faculty/index.php?uid=ammoore | Y | |
| Physical and Biological Sciences | Ocean Sciences | Jerome Fiechter | Ocean acidification impacts, global carbon budget, conservation biology. Website link: https://people.ucsc.edu/~fiechter/ | Y | |

| | | | | |
|---|---|---|---|---|
| Physical and Biological Sciences | Ocean Sciences | Claudie Beaulieu | Ocean & climate variability and change, applied statistics. Website link: https://beaulieu. | Y |
| Physical and Biological Sciences | Ocean Sciences | Marilou Sison- Mangus | My research focuses in understanding the interactions between bacteria and their aquatic eukaryotic hosts, how these associations influence the ecology and evolution of both partners, and what are the impacts of these interactions on ocean health and biogeochemical cycling. The goal is to understand how these interactions drive the microbial world, the microbes' responses to climate change, and ultimately, how these affect the cycling of nutrients and the health of the ocean. Website link: http://sison-mangus.oceansci.ucsc.edu/ | Y |
| Physical and Biological Sciences | Ocean Sciences | Adina Paytan | Marine biogeochemical cycles and dynamics in the present and past, and on their connection to the Earth system as a whole. With a focus on temporal microfossils assemblages and environmental change in Celestun Lagoon, Yucatan, Mexico. Website link: https://websites.pmc.ucsc.edu/~apaytan/page_adina.html | |
| Physical and Biological Sciences | Ocean Sciences | Ana Ravelo | Assessing tropical Pacific climate variability since the Early Pliocene warm period. Stable isotope geochemistry, paleoceanography, paleoclimatology. Website link: https://oceansci.ucsc.edu/faculty/index.php?uid=acr | |
| Physical and Biological Sciences | Ocean Sciences | Mary Silver | Toxic phytoplankton and food webs; pelagic detrital communities; particle dynamics; plankton ecology. Website link: http://silver.oceansci.ucsc.edu/ | |
| Physical and Biological Sciences | Physics | Sue A. Carter | Wavelength-Selective Solar Collectors for Power Generating Greenhouses and Carbon Capture.<br>Principle focus is in energy related research including photovoltaics, solid-state lighting, and luminescent solar concentrators to be used to construct electricity-generating greenhouses, energy related research including organic LED. Website link: http://physics.ucsc.edu/~sacarter/carter.shtml | Y |
| Physical and Biological Sciences | Physics | Hee-Sun Lee | Specializes in science education, assessment of curricula, and development of technology-enhanced curricula. Website link: https://concord.org/about/staff/hee-sun-lee/ | |
| Social Sciences | American Studies | Jon Daehnke | Cultural heritage and the law, Native American studies, public representations of heritage and memory, the relationship between anthropologists and Indigenous communities, critical approaches to nature, culture and the environment, and the archaeology of landscapes. Website link: https://campusdirectory.ucsc.edu/cd_detail?uid=jdaehnke | |
| Social Sciences | Anthropology | Mark D. Anderson | Black and Indigenous: Garifuna Activism and Consumer Culture in Honduras examines the politics of race and culture among the Garifuna in Honduras to explore the relationships between multiculturalism,consumption, and neoliberalism in the Americas. Website link: https://campusdirectory.ucsc.edu/cd_detail?uid=mda | Y |
| Social Sciences | Anthropology | Jerry C. Zee | Research Intrests Include environmental anthropology, feminist science studies, cultural and political anthropology of China; political ecology, meteorology and atmospheres, governance, engineering, aesthetics, materialism. Website link: https://zeej.sites.ucsc.edu/ | Y |
| Social Sciences | Anthropology | Melissa L. Caldwell | Poverty and Inequality; Social Justice; International Development; Anthropology of Food; Consumption, organic food in socialist and postsocialist societies, Russia, the former Soviet Union, and Eastern Europe. Design anthropology, corporate anthropology, transnational food<br>corporation consultant. Website link: https://campusdirectory.ucsc.edu/cd_detail?uid=lissa | |
| Social Sciences | Anthropology | Nancy Chen | Changing meanings of food and medicine. Website link: https://campusdirectory.ucsc. | |
| Social Sciences | Anthropology | Andrew S. Mathews | Culture of environmental institutions and the links between local communities and national and global levels of power and knowledge. Website link: https://amathews.sites.ucsc.edu/ | |
| Social Sciences | Anthropology | Anna L Tsing | Nature in the Global South: Environmental Projects in South and Southeast Asia, communities & conservation. Website link: https://campusdirectory.ucsc.edu/cd_detail?uid=atsing | |

| | | | | | |
|---|---|---|---|---|---|
| Social Sciences | Community Studies | Julie H Guthman | Sustainable agriculture and alternative food movements, international political economy of food and agriculture, politics of obesity, political ecology, race and food, and critical human geography. Website link: https://campusdirectory.ucsc.edu/cd_detail?uid=jguthman | | |
| Social Sciences | Economics | Eric Aldrich | With the global proliferation of wind power, the need for accurate short- term forecasts of wind resources at wind energy sites is becoming paramount. Regime-switching space–time (RST) models merge meteorological and statistical expertise to obtain accurate and calibrated,<br>fully probabilistic forecasts of wind speed and wind power. Website link: https://people.ucsc.edu/~ealdrich/ | | |
| Social Sciences | Economics | Jon Robinson | Research is focused on social wellbeing and economic prosperity in developing nations, and much of his research involves agriculture, touching on environmental health. Website link: https://people.ucsc.edu/~jmrtwo/ | Y | |
| Social Sciences | Economics | Julie H Gonzalez | Energy/environmental economics, ecological design. Website link: https://economics.ucsc.edu/faculty/lecturers.php?uid=jhgonzal | Y | |
| Social Sciences | Economics | Jeremy West | Applied microeconomics, public economics energy and environmental economics. Most recently his research examines consumer behavior and how policies impact energy and water use. Website link: https://people.ucsc.edu/~jwest1/ | Y | |
| Social Sciences | Environmental Studies | Jeffrey Bury | Extractive industries, sustainable development, fair trade, environmental justice, climate change, conservation, Latin America and Mountain Regions. Website link: https://people.ucsc.edu/~jbury/ | Y | |
| Social Sciences | Environmental Studies | Anne Kapunscinski | Anne R. Kapuscinski is an interdisciplinary scholar committed to finding scientifically and socially robust solutions to a major challenge: how to perpetuate healthy aquatic ecosystems while sustaining resource uses that support human wellbeing. Her past research examined impacts of dams, fish hatcheries, aquaculture and genetic engineering on fish conservation. Her current research aims to shift aquaculture, the world's fastest growing food sector, towards sustainability. Website link: https://envs.ucsc.edu/faculty/index.php?uid=akapusci | Y | |
| Social Sciences | Environmental Studies | Weixin Cheng | Soil Ecology in Agroecosystems, Global Environmental Change, Grassland Degradation and Recovery in Inner Mongolia, China. Website link: https://people.ucsc.edu/~wxcheng/ | Y | |
| Social Sciences | Environmental Studies | Tim Duane | Climate, energy, water, land use and resource policy, law, planning and management. Expert on regulatory policies for greening the grid with sustainable renewable energy sources and sustainable communities planning and design. Website link: http://timduane.com/ | Y | |
| Social Sciences | Environmental Studies | Katherine Seto | Research is centered on sustainability and involves marine and coastal law and policy, political ecology, marine resource governance. Website link: https://envs.ucsc.edu/faculty/index.php?uid=klseto | Y | |
| Social Sciences | Environmental Studies | | The goal of his research is to Is to merge observations, experiments and models to inform new knowledge of global significance. We use interdisciplinary approaches in ecology, environmental sciences, as well as statistics and data science. | Y | |

| | | | | |
|---|---|---|---|---|
| Social Sciences | Environmental Studies | Margaret Fitzsimmons | The social and spatial aspects of environmental change, examining the interaction among cultural and political values, economic institutions, government, and environment. It is focused particularly on two topical areas: (1) the development and regulation of primary-sector activities (agriculture or forestry); and (2) the regional integration of environmental planning and resource management institutions in urban and rural settings. She also studies the role of disciplinary and interdisciplinary discourses in the discussion of environmental problems. Website link: http://ucsc.academia.edu/MargaretFitzsimmons | Y |
| Social Sciences | Environmental Studies | Greg Gilbert | Applied evolutionary ecology, Plant disease ecology, Tropical forest ecology, Phylogenetic Community Ecology, Cross-cultural science education. Website link: https://greggilbertlab.sites.ucsc.edu/ | Y |
| Social Sciences | Environmental Studies | Karen Holl | Restoration ecology. Her research focuses on understanding ecological factors that slow ecosystem recovery from human disturbance and using this information to improve restoration efforts. Website link: http://www.holl-lab.com/store/c1/Featured_Products.html | Y |
| Social Sciences | Environmental Studies | Holly Jones | Restoration ecologist and work at the intersections of ecological theory, community ecology, invasive species biology, and ecosystem ecology. Website link: https://people.ucsc.edu/~zavaleta/hj.html | |
| Social Sciences | Environmental Studies | Sheldon Kamieniecki | Environmental Policy, The Manipulation of Scientific Findings in Politics and Public Policymaking. Website link: https://envs.ucsc.edu/faculty/index.php?uid=sk1 | N |
| Social Sciences | Environmental Studies | Jeffrey Kiehl | Modeling for Exploring Deep Time Climates to Further Our Understanding of Earth's Future. Website link: https://campusdirectory.ucsc.edu/cd_detail?uid=jkiehl | Y |
| Social Sciences | Environmental Studies | Deborah Letourneau | Insect-plant interactions, biological control, trophic cascades, tropical ecology, community ecology in forests and agroecosystems. Website link: https://envintlab.sites.ucsc.edu/ | N |
| Social Sciences | Environmental Studies | Michael Loik | Climate change, Plant Stress Tolerance, Desert Ecology, Forest Ecology, Grassland Ecology, Alpine Ecology, Biogeochemistry, Ecohydrology, Biometeorology, Climatology, Embedded Sensors, New Technologies for Sustainability. Website link: http://www.theloiklaboratory.net/ | Y |
| Social Sciences | Environmental Studies | Flora Lu | Specializing in Ecological Anthropology, Flora studies the interrelationships between human societies and the natural environment with a geographic emphasis in the Amazon. She integrates social and natural science approaches to study resource use and conservation among indigenous peoples in Ecuador with a focus on land use, social change, cultural resilience, and household economic strategies. Website link: https://campusdirectory.ucsc.edu/cd_detail?uid=floralu | Y |
| Social Sciences | Environmental Studies | Adam Millard-Ball | Adam's research bridges urban planning and environmental economics, and addresses some of the key challenges in transportation, energy and climate change policy. His current work examines global patterns of urban sprawl and car ownership, the effectiveness of local climate planning efforts, and the design of carbon trading programs. He also has a broad interests in transportation planning and policy, particularly parking management programs to reduce vehicle travel and emissions. Website link: https://people.ucsc.edu/~adammb/ | Y |

| | | | | | |
|---|---|---|---|---|---|
| Social Sciences | Environmental Studies | Stacy Philpott | Ant ecology, agro-ecology, conservation biology, urban agriculture biodiversity, climate change, community ecology, ecosystem services, food sovereignty, landscape ecology, insects, tropical biology, urban ecology.<br>Her most recent work includes, Training and Resources for Specialty Crop Growers Featuring Organic and Sustainable Methods; Agrecology and Sustainable Food Systems Curricular Integration and Enhancement at UCSC; Community Supported Agriculture (CSA) Training and Undergraduate Sustainable Agriculture Education at UCSC CASFS. Website link: https://philpottlab.sites.ucsc.edu/ | Y | |
| Social Sciences | Environmental Studies | Daniel Press | Environmental politics and policy, with a focus on the U.S.; land preservation, water quality regulation and management, industrial ecology, policy analysis. Website link: https://campusdirectory.ucsc.edu/cd_detail?uid=dpress | Y | |
| Social Sciences | Environmental Studies | Ravi Rajan | Environmentally inclusive governance, Governance of environmental risk, green design and entrepreneurship, Environmental history and political ecology, risk and disaster studies, science and technology studies, North- South environmental conflicts, environmental social theory,<br>environmental ethics. Website link: https://ravirajan.sites.ucsc.edu/ | Y | |
| Social Sciences | Environmental Studies | Carol Shennan | Collaborative Research and Extension Network for Sustainable Organic Production Systems in Coastal California. Website link: https://shennanlab.sites.ucsc.edu/ | Y | |
| Social Sciences | Environmental Studies | Andrew Szasz | Environmental Movements, Regulation, Environmental Justice, Consumption, Politics of Climate Change. Website link: https://campusdirectory.ucsc.edu/cd_detail?uid=szasz | Y | |
| Social Sciences | Environmental Studies | Zdravka Tzankova | US and comparative environmental policy and politics | Y | |
| Social Sciences | Environmental Studies | Christopher Wilmers | Wildlife Ecology, Ecological Modeling, Global Change. Website link: https://wildlife.ucsc.edu/ | Y | |
| Social Sciences | Environmental Studies | Kenneth Worthy | World environmental history. Website link: http://kennethworthy.net/ | Y | |
| Social Sciences | Environmental Studies | J. Elliot Campbell | Dr. Campbell's research emphasizes the use of regional and global models to extrapolate from small-scale field measurements to policy-relevant spatial scales, particularly within the context of agroecology and global biogeochemical cycles. His areas of focus include Environmental Engineering, Environmental Studies, Earth Sciences, Renewable Energy, Climate Change, Atmospheric Science, Hydrology, Agroecology and Agriculture, Geographic Information Systems, Food/Nutrition. Website link: https://campbell.sites.ucsc.edu/ | Y | |
| Social Sciences | Environmental Studies | Erika Zavaleta | Mitigating the Impacts of Climate Change on Plant Communities Through Wetland Design. Studying the impacts of Climate Change and Land Use Change on the Dominant Tree Forest Species Ecology in the Iztaccihuatl and Popocatepetl Volcanoes.<br>Ecosystem ecologist broadly interested in implications of interacting global and regional environmental changes, biodiversity and ecosystem functioning and stewardship of wild ecosystems. Website link: https://zavaleta.eeb.ucsc.edu/ | Y | |

| | | | | | |
|---|---|---|---|---|---|
| Social Sciences | Environmental Studies | Madeleine Fairbairn | I do qualitative sociological research on the political economy of the global agro-food system. I am particularly interested in how transnational economic processes shape access to food, land, and other natural resources globally. An earlier research project focused on alternative agro-food movements, particularly the transnational social movement for “food sovereignty.” My current project explores how growing interest in farmland on the part of the financial sector is reshaping farmland markets and posing new regulatory challenges. Fieldwork for this project has taken me to Brazil, Mozambique, and Wall Street. Website link: https://envs.ucsc.edu/faculty/index.php?uid=mfairbai | Y | |
| Social Sciences | Latin American and Latino Studies | Jonathan A. Fox | Democratization, transparency & accountability, transnational civil society, migration, civic and political participation, race and ethnicity, advocacy coalitions & networks, social & environmental policy. Website link: https://campusdirectory.ucsc.edu/cd_detail?uid=jafox | Y | |
| Social Sciences | Latin American and Latino Studies | Cecilia M. Rivas | Riva's research involves media and communication; transnationalism and migration; globalization; race and ethnicity; consumer cultures; modernity; El Salvador; Central America; Southern Mexico. Website link: https://lals.ucsc.edu/faculty/index.php?uid=cmrivas | Y | |
| Social Sciences | Politics | David Gordon | Current research projects underway focus on accountability and global urban climate governance and aim to assess (a) the power, and governance potential, of novel urban accountability initiatives as steering mechanisms and (b) the local impacts and implications of the globally accountable city. Website link: https://davidjgordon.wordpress.com/ | Y | |
| Social Sciences | Politics | Ruth Langridge | Water sustainability including research on climate change impacts on the state's water resource. Groundwater Reserves Project- Explores new and proactive approaches to increase a community’s resilience to future prolonged droughts - the establishment and maintenance of local strategic groundwater reserves. Website link: https://droughtreserves.ucsc.edu/ | Y | |
| Social Sciences | Politics | Ronnie D. Lipschutz | Lipschutz conducts research in and writes on a range of topics related to global political economy, including U.S. global economic and military policy and strategy, changing conceptions and practices of security, changing forms of war, global governance, global civil society and corporate social responsibility, environmental politics, energy and resources, sustainability and political economy and popular culture. Website link: https://campusdirectory.ucsc.edu/cd_detail?uid=rlipsch | Y | |
| Social Sciences | Politics | Sikina Jinnah | Research focuses on the shifting locations of power and influence in global environmental governance, and in particular the role of transnational actors in environmental decision-making. Her most rece projects examine how key norms in global climate politics shape power relations, the role of U.S. preferential trade agreements in shaping environmental policy in trading partner nations, and the politic of climate engineering governance. Website link: http://www.sikinajinnah.com/ | Y | |
| Social Sciences | Psychology | Elliot Aronson | Throughout his career he has tried to do experiments that would integrate his passion about basic science with his desire to apply these research findings toward improving the human condition (e.g. convince people to conserve energy and other natural resources). Website link: http://aronson.socialpsychology.org/ | Y | |
| Social Sciences | Psychology | Shelly Grabe | Research focuses on Social movements, activism, and justice, women’s resistance/activism/empowerment<br>human rights, globalization/neoliberalism, transnational intersectionality/decolonial feminism, structural inequities, land rights. Includes aspects around social wellbeing, economic prosperity and environmental health. Website link: https://shellygrabe.sites.ucsc.edu/ | | |

| | | | | | |
|---|---|---|---|---|---|
| Social Sciences | Sociology | Hillary Angelo | Hillary is a sociologist of nature and urbanization. Her research engages with urban and environmental sociology, geography, and sociology of knowledge, and draws on visual, historical, and ethnographic methods. She is interested in how ideas about nature are formed, the social conflicts they produce, and how they are deployed to influence the built environment. Website link: http://www.hillaryangelo.com/ | Y | |
| Social Sciences | Sociology | Miriam Greenberg | Urban sociology, geography, urban environmental studies, media and cultural studies, social theory, globalization, New York City and Buenos Aires. Professor Greenberg is the Director of Critical Sustainabilities: Competing Discourses of Development in California. Website link: https://mgreenberg.sites.ucsc.edu/ | Y | |
| Social Sciences | Sociology | Ben Crow | Teaching on international development, development and the environment, poverty and hunger. Research on access to household water in low income urban communities in global south with focus particularly on pathways to emancipatory capabilities. Area focus: Kenya, Bangladesh, India. Website link: https://bcrow.sites.ucsc.edu/ | Y | |
| Social Sciences | Sociology | Chriss Benner | Urban and economic geography, urban political ecology, technology and social change, environmental justice, sustainable communities, inclusive economies, city and regional planning. Website link: http://chrisbenner.net/ | | |
| Social Sciences | Sociology | Lindsey Dillon | Lindsey is a geographer with research interests in cities, chemical embodiment, and social justice. Her current research focuses on environmental and economic justice in San Francisco's Bayview-Hunters Point neighborhood. Website link: http://lindseyldillon.com/ | Y | |
| Social Sciences | Sociology | Helen Shapiro | Agriculture, politics, civic engagement, sustainability. Website link: https://sociology.ucsc.edu/about/directory-faculty.php?uid=hshapiro | Y | |
| University Affiliated Research Center, NASA Ames Research Center | Data Sciences group | Kamalika Das (Staff) | Uncovering effects of climate variables on global vegetation. Most of her current research effort is directed towards developing large scale data mining and machine learning algorithms to solve problems in the earth sciences, aviation safety, computational sustainability, and graph structure analysis. Website link: https://www.linkedin.com/in/kamalika-das-619bb23 | Y | |