

Faculty Name	Department	Research Topic	Type
Mahmoud Salari	Accounting, Finance, & Economics	Climate change economics	Academic Research
Nestor Garza	Accounting, Finance, & Economics	Climate change economics	Academic Research
Hakjoon Song	Accounting, Finance, & Economics	<p>Dr. Song has research interests in interdisciplinary areas between accounting and finance, management, environmental issues and constructs.</p> <ul style="list-style-type: none"> Song, H., H. Chun, J. Brodmann, and Y. Song. 2020. "Organized Labor and Corporate Philanthropy - Evidence from Korea-" Business Ethics: A European Review, Forthcoming. Lee, Y., B. Park, H. Song, and K. Yook. 2017. The Value Relevance of Environmental Audits -Evidence from Japan -. Business Strategy and the Environment 26 (5): 569-708. Yook, K., H. Song, D. Patten, and I. Kim. 2017. The Disclosure of Environmental Conservation Costs and Its Relation to Eco-efficiency - Evidence from Japan -. Sustainability Accounting, Management and Policy Journal 8 (1): 20-42." 	Academic and Student Research
Rama Malladi	Accounting, Finance, & Economics	The liquidity and performance of SRI funds	Academic and Student Research
Kenneth E. Seligson	Anthropology	"Water Management Systems of a Smaller Puuc Community in Yucatan"; I am an anthropological archaeologist studying human-environment relationships in the northern Maya lowlands of the Yucatan Peninsula. Specifically, my research focuses on understanding changing human-environmental relationships and resource management practices in the hilly Puuc region of the Yucatan	Academic and Student Research
Janine Gasco	Anthropology	Ethnoecology	Academic Research
Sarah Taylor	Anthropology	Yucatán, Maya ethnology, political ecology and land use, critical development studies, agrarian reform and	Academic Research

Faculty Name	Department	Research Topic	Type
		socioeconomic adaptation, community-based conservation strategies and natural resource management, tourism	
Sarah Lacy	Anthropology	Climactic instability impact on early human health, biological anthropology	Academic Research
Sonal Singhal	Biology	"Species Distribution Modeling of Threatened Bats in Global Biodiversity Hotspots"; My research encompasses three major topics: (1) understanding the connection between population-level processes and broad scale diversity patterns in lizards & snakes, (2) determining how parthenogenesis affects the genome evolution of lizards, and (3) disentangling the role of ecology and history in hybridizing desert plants. My teaching interests are in general biology, evolution, and bioinformatics, and I enjoy working with students in analyzing big data sets.	Academic and Student Research
Karin Kram	Biology	"PCB Degradation by Bacteria in an Urban Wetland"; My studies are aimed at understanding the evolution of bacteria in laboratory conditions. Escherichia coli can grow in the laboratory for years without the addition of nutrients, in a phase of growth called long-term stationary phase (LTSP). Under this condition, there is strong selection for mutations and changes in gene expression that enable the bacterial cells to survive and reproduce. The genomes of the cells that survive LTSP can be sequenced and analyzed for mutations that allow cells to adapt to LTSP. I have shown that culture vessel, culture volume, and media type affect growth and survival in LTSP, and have shown that there are specific mutations that arise in these conditions. Genes that are identified through sequencing and expression analysis can be assayed for fitness advantages by constructing mutations and competing mutant strains	Student Research

Faculty Name	Department	Research Topic	Type
		against wild-type cells. The ultimate goal of my work is to elucidate the molecular mechanisms underlying evolution.	
Charlene McCord	Biology	"Sustainability through restoring CSUDH's soil"; My research aims to observe, compare, and understand the biodiversity of marine organisms. My interdisciplinary interests are rooted in three questions: 1) How do marine animals work (biomechanics and behavior)? 2) How are marine animals put together (anatomy and morphometrics)? 3) How and why have marine organisms and their spectacular array of unique traits evolved (phylogenetics, biodiversity, and comparative methods)?	Academic and Student Research
Terry McGlynn	Biology	Tropical ecology, behavioral ecology	Academic Research
Kathryn Theiss	Biology	Effects of climate change on plants; I am fascinated by the evolution of plant reproduction and how reproductive strategies mitigate or aggravate conservation issues, especially global climate change. I combine field, molecular, and greenhouse studies of both rare and common species to explore these topics.	Academic Research
John Thomlinson	Biology	Landscape ecology, birds, community ecology, conservation	Academic Research
Brynn Bryan	Biology	Ecology research, California Native Plant research projects	Academic Research
Thomas Norman	Business Administration and Public Policy	Building socially responsive businesses in Eastern Europe following the UN's Sustainable Development Goals	Academic and Student Research

Faculty Name	Department	Research Topic	Type
Roya Azizi	Business Administration and Public Policy	Inefficiency in the workplace with a focus on the Healthcare Industry - Green Healthcare, an Environmentally Sustainable Methodology - Incorporating Sustainability Research into your Classroom	Academic and Student Research
Parveen Chhetri	Earth Science and Geography	"Geographic Information Systems for Invasive Species Research and Better Communication with Stockholders"; GIS studies of environmental problems: oil refinery contamination of ground water supplies, urban growth, impact of natural disasters, etc.	Academic and Student Research
Cheyne Cummings	Earth Science and Geography	"Waste Audits at CSUDH"; Urban development and geohydrology	Student Research
Ashish Sinha	Earth Science and Geography	Climate change, historical precipitation patterns and climate variability	Academic Research
John Keyantash	Earth Science and Geography	Hydroclimatology in the context of drought; Climate change	Academic Research
Brendan McNulty	Earth Science and Geography	Groundwater contamination by gasoline oxygenates, hydrogeology	Academic Research
Ralph Saunders	Earth Science and Geography	Effects of urbanization on animal populations in the urban-wildlands interface.	Academic Research
Rodrick A. Hay	Earth Science and Geography	GIS project to map the hybrid adoption in India, Nepal and Bangladesh	Academic Research
Shannon Roback	Health Science	"The Prevalence of n-Nitrosodimethylamine in Our Produce"; I focus on improving the safety of drinking water by mitigating contaminants of emerging concern. I work closely with local and regional water agencies to develop interventions and strategies for combating toxic water pollutants. My research interests include mitigation of emerging contaminants and toxic disinfection byproduct	Academic and Student Research

Faculty Name	Department	Research Topic	Type
		formation at drinking water, recycled water and advanced water treatment plants, identification of new toxic contaminants and transformation products and developing and improving treatment strategies for these contaminants.	
Joshua Jeffers	History	Environmental history	Academic Research
Jenney Hall	Interdisciplinary Studies	Regenerative agriculture, and impact of urban agriculture on ecological health	Academic and Student Research
Margaret M. Manning	Negotiation, Conflict Resolution, & Peacebuilding	"Dual EPA Superfund Sites: A Community Cries for Justice and Safety out for Justice and Safety"	Student Research
Dana S. Belu	Philosophy	"We're in this together: Climate Change and Reproductive Technology in the age of the Anthropocene" in Sustainability in The Anthropocene: Philosophical Essays on Renewable Technologies, (ed. Lally Roisin) The Post-Phenomenology and Philosophy of Technology Series. Lexington Books. Forthcoming, 2019.	Academic Research
Lissa McCullough	Philosophy	I published a book on eco-architect, Paolo Soleri, and I have done research in the domain of the history of technology in connection with environmental-ecological issues (climate change, deforestation, mass extinction, etc.).	Academic and Student Research
Alexandrea Park	Psychology	Senior Seminar research on sustainability in positive neuroscience; The psychology of sustainability fair trade agreements	Academic and Student Research
Fynnwin Prager	Public Administration	Climate change economics	Academic and Student Research