

The logo for San José State University, consisting of the letters 'SJSU' in a white, serif font, positioned in the upper left corner of the image.

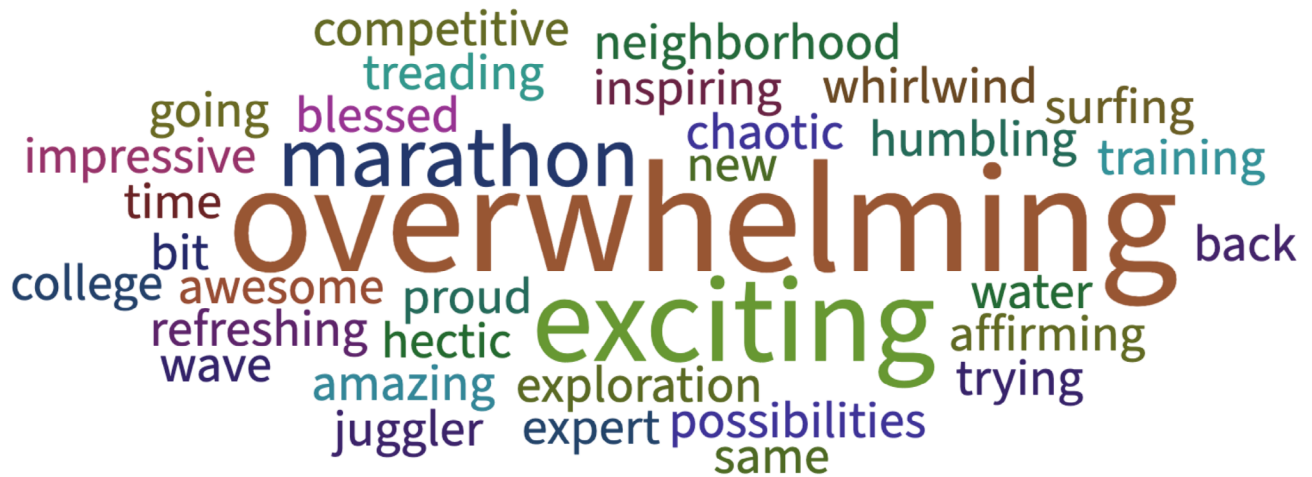
SJSU

A wide-angle photograph of a university campus. In the background, a large, multi-story building with a prominent tower and red-tiled roof stands under a clear blue sky. A tall palm tree is on the right, and a cypress tree is in the middle ground. In the foreground, a large green lawn is where several people are sitting or walking. A yellow square is in the bottom left corner.

SAN JOSÉ STATE UNIVERSITY

**New Faculty Members
2023–2024**

Being a new faculty member at SJSU is like...



The Office for Faculty Success is pleased to bring you this celebration of the tenure-line colleagues who joined San José State University in Spring and Fall 2023.

Within the California State University System, SJSU has been a leader in new tenure-line faculty appointments. This growth reflects our commitment to bringing exceptional educators to engage our students in new ways and help us meet Graduation Initiative 2025, the CSU's initiative to increase graduation rates for all CSU students while eliminating opportunity and equity gaps. Many of these new faculty specialize in areas of disciplinary transformation and exciting intellectual horizons in the state of California.

These new faculty members were invited to describe what it feels like to be a new faculty member at SJSU. As seen in this word cloud, their answers reflect the wide range of emotions that emerge at the start of a new adventure. The largest word—overwhelming—signals not only the volume of information there is to absorb, but also the enormous possibilities for growth, connections, and personal meaning in opening a new chapter of one's career.

Thanks to all—search committee members and other faculty colleagues, department administrative staff, and college leadership teams—who committed their time and energy to ensure a successful hiring cycle. Thanks, too, to our partners in the Office of Diversity, Equity, and Inclusion and University Personnel-Faculty Services, who support the search process. And a special thanks goes to Deanna Fassett, Assistant Vice Provost for Faculty Development, for organizing SJSU's new faculty orientation, giving these faculty a "Jump Start" for long-term success.

Finally, to our new colleagues: Welcome to San José State University! We are excited to see all that you will contribute to the life of the university in the years to come.

Sincerely,



Magdalena L. Barrera

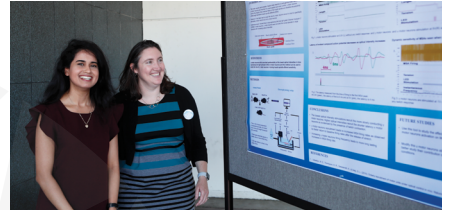
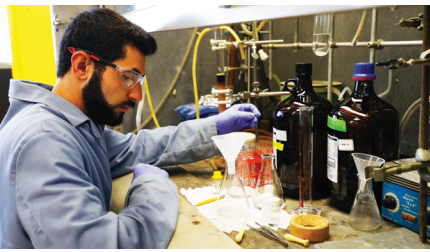
Vice Provost
for Faculty Success



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Mission

In collaboration with nearby industries and communities, SJSU faculty and staff are dedicated to achieving the university's mission as a responsive institution of the state of California: To enrich the lives of its students, to transmit knowledge to its students along with the necessary skills for applying it in the service of our society, and to expand the base of knowledge through research and scholarship.



A Transformative University



Most Transformative University



Best Value



Top Public Schools



Top Performers for Social Mobility



Undergraduate Engineering Programs



Business Programs



Computer Science Programs



Undergraduate Nursing (BSN) Programs



College for Veterans



STARS Top Performers (Sustainability)

Notable Rankings 2022 -2023

National

- #1 Most Transformative University - Money magazine
- #6 Top Performers in Sustainability among Master's institutions - AASHE
- #13 Top Colleges for Diversity - Wall Street Journal/Times Higher Education
- #27 Best Public Universities - Money Magazine

Regional - West

- #2 Campus Ethnic Diversity - U.S. News & World Report
- #3 Best Value among public universities - U.S. News & World Report
- #3 Best College for Veterans - U.S. News & World Report
- #4 Top Public Schools - U.S. News & World Report

About

SJSU provides a comprehensive university education, granting bachelor's, master's and doctoral degrees in 250 areas of study. SJSU is an essential partner in the economic, cultural and social development of Silicon Valley and California.

36k+
Enrollment

3.7k+
Employees

22
Athletic Teams

10k+
Degrees Granted (2019-2020)

300k+
Alumni

9
Colleges

Students

27.7k+ Undergraduate Students	8.1k+ Graduate Students	9.4k+ First- Year/Transfer Students
28.3% First Generation Students	2.5k+ International Students	500+ Students Involved in Research



SJSU | LUCAS COLLEGE AND
GRADUATE SCHOOL OF BUSINESS

Ravi Agarwal

Assistant Professor

Department of Marketing and Business Analytics

Ravi Agarwal, originally from India but raised in Nepal, is an assistant professor of marketing in the Department of Marketing and Business Analytics. He earned his PhD in marketing from the University of Nebraska-Lincoln. His primary areas of research focus on marketing strategy, B2B marketing, inter-organizational relationships and sales. His dissertation, honored with the prestigious 2021 Institute for the Study of Business Markets (ISBM) Doctoral Competition award, centered around examining the impact of regulatory focus on key account management (KAM) relationships. He was designated an ISBM Doctoral Fellow and has actively presented multiple papers at various academic conferences.



Isarin Durongkadej

Assistant Professor

Accounting and Finance

Isarin Durongkadej is our new assistant professor of finance. He was born in Bangkok, Thailand. He received his PhD in finance from Oklahoma State University (OSU), his father's alma mater. He used to work as an investment consultant at TMB Asset Management Co. in Thailand before coming to the US. He not only enjoys teaching and researching, but also enjoys helping students outside the classroom. He was named the best faculty advisor for his work advising the Finance Club in 2022 at Georgia College. He is very excited to start his new role at SJSU this fall and looks forward to meeting new people. In his free time, he likes hiking, running and playing guitar.



Mithila Guha

Assistant Professor

Marketing and Business Analytics



Mithila Guha holds a PhD in marketing with a minor in computer science from Drexel University. As an empirical quantitative marketing researcher, she explores the intersection of marketing and data analytics. Her focus is analyzing social media datasets using econometric modeling, text analytics and machine learning to understand firms' strategies for online activism and purpose-driven social media campaigns. Her research interests include digital and social media marketing, socio-political activism, brand management and text analytics. As an educator, she has taught courses in marketing research, advertising and integrated marketing communications while also conducting statistical programming workshops at both undergraduate and graduate levels. She received the Best In Track Award at the 2022 Summer American Marketing Association Conference for her work in the digital and social media marketing track. Her research has recently been featured in the Journal of Brand Management.

Yeonka Kim

Assistant Professor

Management



Yeonka Kim received her PhD in business administration from the University of Minnesota and her master's of industrial and labor relations (MILR) with a concentration in human resources and organizational behavior) from Cornell University. Before joining School of Management at San José State University, she worked as a tenured associate professor at the University of Wisconsin-La Crosse and an assistant professor at San Francisco State University.

Virpi Outila

Assistant Professor

School of Global Innovation and Leadership



Virpi Outila received her PhD from Aalto University School of Business in Helsinki, Finland. After graduation, she worked as a postdoctoral researcher at Aalto University, and as a lecturer in Leeds University Business School and Haaga-Helia University of Applied Sciences. Prior to joining academia, she worked for several decades as a business executive in human resource management in various multinational enterprises. Her research interests center around people management in cross-cultural contexts, headquarter-subsiary relations, practice/knowledge transfer in multinational enterprises and emerging economies, particularly Russia. In her research she uses qualitative research methods with a special focus on language sensitive research methods. Her research has been published in leading journals of management and international business such as Organization Studies, Journal of World Business and Journal of International Management.

Jalal Sarabadani

Assistant Professor

School of Information Systems and Technology

Jalal Sarabadani received his PhD from Washington State University in 2023. His primary area of research focuses on technostress, the various ways employees cope with stress due to their interaction with technology and implications of technostress for individuals/organizations. His work has been published in peer-reviewed journals such as Communications of the Association for Information Systems (CAIS), Behaviour & Information Technology (BIT), Journal Information Systems Education (JISE) and International Journal of Enterprise Information Systems (IJEIS). His work has also appeared at major IS conferences, including ICIS, AMCIS and HICSS, where he received the best paper award.



Ellen Zheng

Assistant Professor

School of Information Systems and Technology

Dailin (Ellen) Zheng recently received her PhD in computer science and information systems at University of Colorado, Denver. Her primary research interests fall under the intersection of information systems and other disciplines such as psychology and sociology. Her current research investigates employee intention to comply with information systems security policy from the perspectives of psychology and sociology using survey-based and statistical methods. Her research interests also include fin-tech and emerging technologies. She has taught undergraduate courses in person and online at University of Colorado, Denver. She has presented at conferences and symposiums such as the Americas' Conference on Information Systems (AMCIS), the Dewald Roode Information Security Workshop, Big XII+MIS Research Symposium and the Front Range IS Research Seminar.





SJSU | CONNIE L. LURIE
COLLEGE OF EDUCATION

Liliana E. Castrellón

Assistant Professor
Educational Leadership

Liliana E. Castrellón (she/her/ella), PhD, is a first-generation college student/graduate and proud daughter and granddaughter of Mexican immigrants. Drawing from anti-racist and policy enactment frameworks, her research seeks to understand how educational leaders across pre-k-20 systems translate policy text into action, particularly policy that targets the educational experiences of undocumented students. Her current research project, funded by the Bill & Melinda Gates Foundation, explores the rapid shift to test-optional policies throughout the COVID-19 pandemic and their influence on the college application process and enrollment of undocumented students in higher education. Prior to her transition to San José State University, she served as an assistant professor at Duquesne University.



Eun Ae Choi

Assistant Professor
Communicative Disorders and Sciences

Eun Ae Choi is a pediatric speech-language pathologist and a researcher specializing in language development of neuro-diverse children. She received her PhD in speech and hearing sciences from the University of Washington and her MA in communicative disorders and sciences at SJSU. She combines her clinical and research expertise to explore topics related to caregivers' involvement in their child's language assessment and the association between social and linguistic factors on language abilities of neuro-diverse children. She is passionate about implementing research methods that can incorporate and represent neuro-diverse children from multicultural and multilingual backgrounds. In addition to her commitment and dedication to her career and to her students, she is a gardening enthusiast.





SJSU | CHARLES W. DAVIDSON
COLLEGE OF ENGINEERING

Behin Elahi

Associate Professor

Industrial and Systems Engineering



Behin Elahi is a tenured associate professor in industrial engineering and systems engineering at San José State University. She served as a distinguished associate professor in industrial engineering and technology, graduate director and collaborating faculty in the systems engineering program at Purdue University, in Fort Wayne, Indiana from 2016–2023.

She previously served as a fixed-term instructor in the Supply Chain Management Department at Michigan State University. She received her PhD in industrial engineering from the University of Toledo in 2016 and holds a master's degree in industrial engineering. She was a consultant and project manager of the Business Waste Reduction Program, a partnership between the Environmental Protection Agency and the University of Toledo, from 2012-2016. She has published one book, three book chapters, and more than 34 research articles and has directed the research work of over 16 master's students in industrial technology and systems engineering.

She received the 2020 Featured Faculty in Research by Purdue University Fort Wayne, the 2020 Research Appreciation Award from the Indiana Society of Professional Engineers Anthony Wayne Chapter, the Honors Faculty Award (2018-2022), the IEEE Young Engineer of the Year Award (2015), the Honor Society of Phi Kappa Phi Award of Excellence (2013), and the Dan Christian Memorial Scholarship (2013). She served as the Purdue University Strategy Planning Committee member, senator at-large, senate curriculum subcommittee member and assembly member. She has secured grants from external funding agencies (\$585,205), internal funds (\$45,700) and industrial research projects (\$17,500).

Her teaching and research activities include operations research, supply chain optimization, systems engineering, the application of robotics and virtual reality in manufacturing systems, and the modeling and simulation of complex systems such as healthcare and automated manufacturing systems.

Bernardo Flores

Assistant Professor

Computer Engineering



Bernardo Flores is originally from Lisbon, Portugal. He holds a PhD in engineering science from the Oslo Metropolitan University (OsloMet) in Oslo, Norway and he participates as an external collaborator in the Secure 5G4IoT lab. He also participated in innovative Horizon 2020 European Union projects such as SCOTT and CONCORDIA, with focus on cybersecurity and cellular Internet of Things (IoT). His current research areas are web/mobile development, cross-layer cybersecurity, location awareness and physical tTracking, 5G/6G Networks, IoT, identity management, machine learning and anomaly detection, among others. His main research goal is to develop assistive security solutions that are accessible to all, and he hopes to become an active and contributing member of the SJSU community.

Christopher Lew

Assistant Professor

Chemical and Materials Engineering

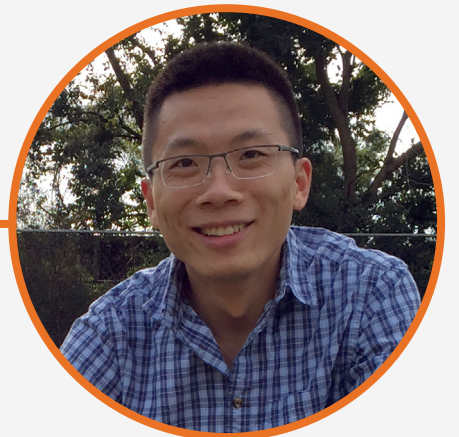


Christopher Lew is a chemical engineer specializing in the synthesis and characterization of nanoporous materials. His research covers a variety of applications, including the development of renewable energy, environmental remediation and new materials for microprocessors, and he utilizes new experimental approaches, molecular simulations and high-throughput techniques to guide his work. He completed his B.S. and M.S. in chemical engineering from Stanford University in 2003 and his PhD in chemical and environmental engineering from the University of California, Riverside in 2008. He completed postdoctoral studies at the University of Minnesota before working at the Chevron Technical Center in Richmond, California for more than 10 years as a research chemical engineer.

Jun Liu

Assistant Professor

Computer Engineering



Jun Liu received a PhD degree in computer engineering from the Electrical and Computer Engineering Department at Virginia Tech in 2022. His current research interests include robotics, cooperation and intelligence in multi-agent systems, decision-making, and distributed algorithms for optimization, estimation, inference and learning. Before starting his doctoral degree, he was a research assistant at the Hong Kong Polytechnic University, where he conducted research on deep learning, computer vision, image processing and biometrics.

Yue Luo

Assistant Professor

Industrial and Systems Engineering



Yue Luo received her PhD degree from the Department of Industrial and Systems Engineering at the University of Florida. Her research focuses on ensuring the effective collaboration between people and the surrounding environment via biomechanics and ergonomics approaches, especially in the applications of the human-robot interaction domain. She has authored more than ten publications in journals of international impact on the topics of human-robot interaction, injury prevention, and environmental intervention. She received the Harold D. Haldeman, Jr. Graduate Fellowship twice during her PhD program. She enjoys both exploring new areas in her surroundings and, at times, staying home to simply relax.

Edoardo Rubino

Assistant Professor
Aerospace Engineering

Edoardo Rubino obtained his B.S. and M.S. degrees in aerospace engineering from the University of Palermo, Italy. During this time, he also worked for the Italian Air Force on aircraft maintenance and for the Italian Space Agency on satellite mission design. He got his PhD in mechanical engineering from Southern Methodist University in Dallas, Texas, working on the development of optical sensors, wind tunnel design and material characterization. Before joining SJSU, he taught mechanical engineering at the University of Wisconsin-Platteville, where he was also appointed as undergraduate research coordinator for the College of Engineering, Mathematics and Science. During his time at UWP, he expanded his research interests into energy harvesting and water treatment and mentored more than 30 students from several engineering programs.



Sravani Vadlamani

Assistant Professor
Civil and Environmental Engineering

Sravani Vadlamani received her PhD in civil engineering and two master's degrees in civil engineering and geographic information systems from Arizona State University. Her research interests include transportation engineering, statistical and econometric models and data science. Prior to joining SJSU, she was an assistant professor in data science and business analytics at Florida Polytechnic University. In her free time, she likes to hike, read books on the beach and cook.





SJSU | COLLEGE OF HEALTH
AND HUMAN SCIENCES

Nancy Selix

Associate Professor
Nursing

Nancy Selix is an associate professor in the Valley School of Nursing at SJSU. She is interested in the mental health of women and transgender individuals and is a published author, international speaker, researcher, and clinician on these topics. She enjoys teaching mental health nursing and academic writing and publication. She has experience in teaching undergrad and graduate students and enjoys the mentoring process for faculty and students.



Graham Teaford

Assistant Professor
Occupational Therapy

Graham Teaford has clinical experience as an occupational therapist at On Lok PACE working with nursing home eligible older adults living in the community. He has also worked in post-acute rehab settings, community rehab for adults with acquired brain injury, and rehab services for persons with low vision. His research interests include occupational therapy services for linguistically diverse populations, home and environmental modification to promote occupational performance, task and environmental lighting in the home, and low vision rehabilitation.

He completed his B.S. and M.S. degrees in occupational therapy from SJSU and his doctorate in occupational therapy from the University of Alabama at Birmingham. He has been a lecturer in the Department of Occupational Therapy at SJSU since 2008.





SJSU | COLLEGE OF HUMANITIES
AND THE ARTS

Eleni Duret

Assistant Professor

Liberal Studies Teacher Preparation Program

Eleni Duret holds a PhD in curriculum and teaching from the University of Rochester's Warner School of Education and Human Development. As the inaugural Center for Urban Education Success Postdoctoral fellow, she collaborated with secondary education faculty and students on research for a local community school in partnership with the university. She also led arts-based diversity, equity, and inclusion professional development courses for the university community and surrounding K-12 schools in Rochester. She is excited to be returning to California, where she previously facilitated learning experiences for K-12 students and teachers with College Track and the J. Paul Getty Museum in Los Angeles. Her research focuses on critical aesthetic pedagogy and positive youth development, examining the identity expression experiences of minoritized adolescents in public schools.



Marjan Khatibi

Assistant Professor

Design

Marjan Khatibi is an accomplished visual designer, researcher and Adobe Education Leader with a focus on promoting gender equity through virtual reality (VR), augmented reality (AR) and animation. Her interdisciplinary work effectively communicates complex ideas to a broad audience. She explores the potential of virtual spaces to inspire empathy, immersion, and empowerment for social change. Her notable achievements include serving as a jury member at the Cinequest Film and VR Festival and presenting at prestigious conferences like AIGA National Conference and the Broadcast Educators Association. She has received grants from Unity and Meta Immersive Learning. Her accolades include the Outstanding Achievement Award at the 32nd World Film Carnival for the VR animation "Afghanistan Crisis" and the Best Student Film award at ANMTN International Animation Film Festival for "A Girl Who Asked Why."



Kim Knight

Associate Professor

Humanities

Kim Brillante Knight is an associate professor of digital humanities in the Department of Humanities. Her research centers on intersectional feminist engagements with digital media, including maker culture, wearables and data visceralization. She is the co-founder and ongoing project Director of Fashioning Circuits, a public humanities project centered on craft, technology, and collectivity in research, teaching and community partnerships. Her written work has most recently appeared in *Hyperrhiz: New Media Cultures*, *Bodies of Information: Intersectional Feminism and Digital Humanities*, and “The Routledge Guide to Media Studies and Digital Humanities.” Her creative work and public scholarship have most recently been highlighted in “Making Things and Drawing Boundaries: Experiments in the Digital Humanities,” and have been installed at the Humanities, Arts, Science, and Technology Alliance Conference (HASTAC) in 2023. Her forthcoming book “Fashioning Makers: Critical Making and Public Humanities,” is under contract with University of Iowa Press.



Kevin Mannens

Assistant Professor

Design

Kevin Mannens is an Academy Award-nominated and Annie Award-winning technical director and visual effects designer who has been instrumental in close to a dozen Hollywood blockbusters. His credits include “Transformers: Age of Extinction,” “Captain America: The Winter Soldier,” “Pacific Rim,” “The Amazing Spiderman,” and “Alice in Wonderland” (for which Imageworks received the Oscar nod). As part of the effects team at Industrial Lights Management (ILM), Mannens was the recipient of the 2014 Annie Award for “Outstanding Achievement in Animated Effects in a Live-Action Production” for his work on “Pacific Rim.” He is also an award-winning documentary filmmaker. His social impact and wildlife documentaries (“Malpelo: Mountain of Sharks,” “Marsh Clouds,” “The Taking of Harris Neck,” “Mud Harvest,” and more) have won hundreds of awards in international film festivals and were screened all over the world.



Brook McClurg

Assistant Professor

English and Comparative Literature



Brook McClurg received a B.A. in creative writing from Columbia University (Fiction), an MFA from Rutgers University-Camden (Nonfiction), and a PhD in English from Texas Tech University. His creative nonfiction, fiction and poetry have appeared in *Cagibi*, *Iron Horse Literary Review*, *Pidgeonholes*, *Wanderlust*, *Exposition Review* and elsewhere. His Spanish language translations have appeared in the *Loch Raven Review*. His essay “Geometry of Absence” was listed as a Notable Essay in “Best American Essays 2021.” His first book, “A Dictionary of Modern Consternation,” won the 2022 Permafrost Prize in Nonfiction and is forthcoming from the University of Alaska Press. He has received fellowships and residencies from the Fulbright Research Scholars program and Writing By Writers.

Carla Fisher Schwartz

Assistant Professor

Art and Art History



Carla Fisher Schwartz is a visual artist working primarily in print media and installation. Her current studio practice investigates the relationship between the mapped image and contemporary notions of exploration, virtuality, and the simulated environment through works on paper, as well as in sculpture and video installation. Her art has been exhibited at venues including the Chicago Artists Coalition (Chicago, IL), the Cleve Carney Museum of Art (Glen Ellyn, IL), and the Mildred Lane Kemper Art Museum (St. Louis, MO), with recent residencies including Design Inquiry (Vinalhaven, ME) and Terrain Residency (Springfield, IL). She received her MFA in visual arts from Washington University in St. Louis, where she was awarded the Bell Cramer Award in Printmaking, and her B.A. in studio art from the University of California, Santa Cruz.



SJSU | COLLEGE OF PROFESSIONAL
AND GLOBAL EDUCATION

Guannan Liu

Assistant Professor
Applied Data Science



Guannan Liu serves as an assistant professor in the Department of Applied Data Science. She earned her PhD from the School of Electrical Engineering and Computer Science at Louisiana State University in 2023. Her academic journey started with a B.S. in communication engineering from Yanshan University in 2014, followed by an M.S. from the School of Aeronautics and Astronautics at University of Electronic Science and Technology of China (UESTC) in 2018. Between degrees, she enriched her practical experience as a System Engineer at Shanghai United Imaging Healthcare Co. LTD. Her research interests include artificial intelligence, machine learning, smart device technologies, bioinformatics and deep learning.





SJSU | COLLEGE OF SCIENCE

Sayma Akther

Assistant Professor
Computer Science

Sayma Akther earned her PhD from the Computer Science Department at the University of Memphis, specializing in artificial intelligence (AI), machine learning, mobile and digital health, human health and behavior sensing and context-aware computing. During her doctoral work at MD2K, one of the 11 national Big Data Centers of Excellence awarded by the National Institutes of Health (NIH), she focused on designing AI models for detecting human behaviors using smart-watch sensor data. Her research earned recognition and publication at leading computing conferences like UbiComp/IMWUT, with a paper nominated for the Distinguished Paper Award. Prior to her PhD, she completed bachelor's and master's degrees in computer science and engineering at the University of Dhaka, Bangladesh. Additionally, she gained two years of teaching experience as a lecturer in the Computer Science Department at the National University, Bangladesh.



Taylor Arhar

Assistant Professor
Chemistry

Taylor Arhar is a biochemist who focuses on molecular chaperones, a system of proteins that work together to maintain protein homeostasis in the cell. She received her PhD in chemistry and chemical biology from the University of California, San Francisco, where she studied the physical interactions between human molecular chaperones. She then spent two years as an assistant professor of chemistry at Beloit College in Wisconsin, where she taught undergraduate biochemistry courses and mentored undergraduates in biochemistry research. In her independent research lab, Taylor and her students study molecular chaperones in bacteria, with the goal of identifying features and functions that might be exploited for future therapeutic strategies. Taylor is incredibly excited to return to California and continue her career at SJSU.



Emma Carroll

Assistant Professor
Chemistry



Emma Carroll joins SJSU from the University of California, San Francisco, where she developed chemical tools that recognize different proteins involved in neurodegenerative disease. Before that, she earned her PhD in molecular and cell biology from UC Berkeley in 2020. Her dissertation explored how adding a ubiquitous modification to different sites on proteins confers distinct biophysical effects that regulate biological processes. She is fascinated by how basic physical principles govern biological function and especially how perturbations tip the scales between function and pathology. She is especially excited to share with students the joy that comes with curiosity-driven scientific discovery, both in the classroom and the lab. In her free time, she loves to spend time with her family and cats, explore beautiful Bay Area trails, and try new restaurants.

Theresa Thanh Dinh

Assistant Professor
Biology



Theresa Thanh Dinh got her B.S. in biochemistry and molecular biology with a minor in communications from UC Davis and her PhD in botany and plant sciences from UC Riverside. She studied floral development and small RNA biology during her graduate tenure. She then switched fields to study the transcriptomic landscape governing high endothelial cell (HEC) identity in mammals. HECs are a specialized endothelial cell that mediate leukocyte (immune cell) trafficking from the blood lumen to the underlying tissue. Here at SJSU, she plans to look at the protein-protein interactions of COUP-TFII and homeodomain-containing proteins at the biochemical level to ascertain how they dictate HEC identity. The building of HECs has important disease implications, especially in the realm of immuno-therapy and cancer, as a delivery vessel for immune cells.

Peter Gao

Assistant Professor
Mathematics and Statistics



Peter Gao is an assistant professor in the Department of Mathematics and Statistics at San José State University. His research examines applications of spatial statistics and survey statistics to help answer questions in environmental science and the social sciences. He completed his undergraduate studies in mathematics at the University of Chicago before receiving a PhD in statistics from the University of Washington.

During his graduate studies he developed statistical postprocessing methods for improving forecasts for Arctic sea ice thickness and methods for estimating subnational health and demographic rates. He also taught courses on statistics, data science, and ethical concerns related to algorithmic decision making. In his free time, he enjoys reading, watching movies and taking photographs.

Elizabeth Madden

Assistant Professor
Geology



Elizabeth (Betsy) Madden was motivated to pursue a higher degree in geology and geophysics following her master of science degree in international agricultural development at the University of California, Davis and several years of work in disaster relief and hazard mitigation in the San Francisco Bay Area. She received her PhD from Stanford University in 2013, where she studied the effects of complex fault geometry on earthquake mechanics. During postdoctoral research at the University of Massachusetts, Amherst, she helped develop the fault propagation code, GROW, which is based on energy minimization and linear elastic fracture mechanics. She went on to become a postdoctoral fellow with the Advanced Simulation of Coupled Earthquake and Tsunami Events project at Ludwig Maximilian University in Munich, Germany, studying the effects of subduction zone geology and geometry on megathrust earthquake dynamics and tsunami generation. She spent two years as a visiting foreign professor at the University of Brasília, Brazil before returning to the Bay Area in 2020 to teach physics at The Nueva School. She is thrilled to be joining the San José State University community!

Patrick Murphy

Assistant Professor
Mathematics



Patrick Murphy grew up in the snow-capped mountain ranges of Montana. He received his PhD in mathematics from the University of Utah, focusing his studies on biological applications. He then moved on to complete a postdoc at Rice University at the Center for Theoretical Biological Physics. His research focuses on understanding emergent behavior in biological systems, especially in microbial communities, using a combination of data analysis, mathematical modeling and computational studies. He hopes his research will help detangle the multitude of factors that contribute to how different group behaviors emerge in nature. In his spare time, he enjoys hiking, binge-reading books and traveling to see the world.



Andro Rios

Assistant Professor
Chemistry

Andro Rios began his educational journey as a community college student at Cosumnes River College in Sacramento and was a member of the MESA program when he discovered an interest in chemistry.

He transferred to California State University, Sacramento and conducted undergraduate research as a Ronald E. McNair Scholar before graduating with a B.S. in chemistry. He pursued a PhD in organic chemistry at the University of California, San Diego. After his graduate work he moved back to northern California to pursue postdoctoral research at the NASA Ames Research Center. He then spent nearly a decade working full-time at NASA as a research scientist with the Blue Marble Space Institute of Science in the field of astrobiology before joining SJSU.



Kumar Vishal

Assistant Professor
Biological Sciences

Kumar Vishal is a developmental biologist who uses the *Drosophila* system to understand mechanisms of muscle stem cell activation and function. He completed his undergraduate degree in chemistry from Bihar University, India. For his graduate studies, he joined the Joyce Fernandes lab at Miami University, where his graduate work revealed a novel role for epidermal growth factor signaling in muscle development. He pursued postdoctoral training with Erika Geisbrecht at Kansas State University and Richard Cripps at San Diego State University, where his research uncovered the mechanism regulating muscle stem cell proliferation and muscle atrophy. His future research will focus on dissecting the mechanisms of Akt/Tor signaling in muscle stem cell activation and muscle health.



Mike Wood

Assistant Professor
Moss Landing Marine Labs

Mike Wood conducts research on how our ocean and glaciers are responding to climate change. He is particularly interested in ocean-glacier interactions around Greenland – how warmer oceans are melting glaciers and how ice melt is modifying marine ecosystems around the ice sheet. He uses a mix of approaches in his work, including satellite remote sensing, numerical ocean modeling, and going to the field to conduct in situ measurements. At the Moss Landing Marine Labs, he is starting a computational oceanography lab where graduate students and other researchers will investigate a wide variety of problems in satellite- and model-based projects, building connections with researchers in SJSU's Computer Science department.





SJSU | COLLEGE OF SOCIAL SCIENCES

Dallas Augustine

Assistant Professor
Justice Studies



Dallas Augustine conducts research on punishment, law, and inequality, with substantive emphases on prisons, prisoner reentry and employment. She is especially interested in working with and for groups at heightened risk of incarceration, such as those with intersecting vulnerabilities, including people who use drugs, have serious mental illness, and/or experience homelessness. Prior to joining SJSU, she completed a postdoctoral fellowship with the Benioff Homelessness and Housing Initiative at UCSF and received her PhD in criminology, law and society from UC Irvine. She served as the president of the board of directors of the Orange County Needle Exchange Program and, prior to graduate school, she worked as a volunteer reentry advisor at San Quentin State Prison, helping incarcerated people create plans for their release from prison.

Désia Bacon

Assistant Professor
Psychology



Désia Bacon earned her M.S. and PhD in developmental psychology at the University of Wisconsin-Madison, where she was an NSF Graduate Research Fellow, a Wisconsin Distinguished Graduate Fellow, and a Morse Scholar. Broadly, she is interested in how children use the varied information in their environment to help them learn. Her primary research centers on the intersection of language and social development, with specific focus on how young children utilize perceptual and social cues in their diverse environments to facilitate their language learning. Prior to pursuing graduate education, she earned her BS in Psychology at the University of Central Florida, where she was a McNair Scholar.

Susana L. Gallardo

Assistant Professor

Sociology and Interdisciplinary Social Sciences



Susana L. Gallardo is assistant professor of women, gender and sexuality studies (WGSS) within the department of Sociology & Interdisciplinary Social Sciences. She earned her doctorate in religious studies from Stanford and a masters of theological studies from Harvard Divinity School. Her interdisciplinary research and teaching engage questions around Chicana feminisms, women of color feminisms, cultural citizenship, and the way women of color shape and are shaped by their religious traditions. She has published articles in “Chicana Movidas: New Narratives of Women’s Activism,” and “Feminism in the Chicano Movement Era” (eds. Blackwell, Cotera and Espinoza, UT Press 2019) and “Are All the Women Still White? Race, Shifts, and Critical Interventions in Feminist Studies” (ed. Janell Hobson, SUNY Press, 2016). She is currently working on a book manuscript about the history of a unique Chicana/o Catholic feminist community here in San José around Our Lady of Guadalupe Church during the Chicano movimiento of the ’60s and ’70s. She has been a WGSS lecturer since 2005, and in 2022 was awarded College of Social Science Lecturer of the Year.

Gabriela Gonzalez

Assistant Professor

Justice Studies



Gabriela Gonzalez received her PhD in criminology, law and society from the University of California, Irvine. Her research is focused on the nature and impact of punishment and inequality in the United States. Specifically, her work analyzes experiences of confinement, both physical forms such as incarceration, solitary confinement and immigration detention, and non-physical forms including checkpoints and legal barriers that block access to services, as well as the consequences of punishment for not only the individual, but the entire family. Her current work examines the layered and varied ways by which immigration enforcement policy and practice influence the lived experiences of U.S. citizens in mixed-immigration-status families, with a particular emphasis on children with undocumented parents.

Justin Strong

Assistant Professor
Justice Studies

Justin Strong is an assistant professor in the Department of Justice Studies at San José State University. He earned a PhD in criminology, law and society with doctoral emphases in critical theory and race and justice studies at the University of California, Irvine. His primary research project critically interrogates a prisoner health care lawsuit in the state of Arizona for the ways in which it offers political, aesthetic, and ethical critiques of state violence and 21st century punishment. His deep engagement with prisoners' legal claims is ultimately focused on generating thought on what it might mean to live a non-sovereign life. His scholarship also engages topics related to prisoner mortality and morbidity, abolition and disability justice.





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Yuqi He

Senior Assistant Librarian



Yuqi He earned her PhD in library and information Studies from the University of Wisconsin, Madison in 2019. Her MLIS is from the University of Pittsburgh and her B.S. in library science is from Wuhan University in China. Prior to joining SJSU, she worked as an adjunct instructor for computer science and library science courses at UW-Madison for three years and as a librarian assistant at that campus' Information School Library for five years. She also worked as a data analyst for a tech start-up in Mountain View. Her research interests include consumer health informatics, aging and technology, and information behaviors.







Isabel

Dallas

Bernardo

Maria

Sayma

Patricia

Ellen



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