DESCRIPTION OF THE MANAGEMENT PLAN COMPONENTS

Senior Project Leadership – The Principal Investigator, UC Davis Chancellor Linda Katehi, will provide executive UC Davis ADVANCE leadership and oversight. She will establish programmatic direction and make key decisions in consultation with Vice Provost of Academic Affairs Maureen Stanton (Co-PI) (Chair of the UC Davis ADVANCE Steering Committee). Faculty Director Karen McDonald (Co-PI) and Associate Director Linda Bisson.

Faculty Director McDonald will provide daily project leadership and management. In collaboration with Chancellor Katehi and VP Stanton, and Associate Director Bisson, McDonald will be the main point of contact with the External Advisory Board, the Internal Advisory Committee, all Initiative committees, the Capital Resource Network, Internal and External Evaluators and the NSF ADVANCE Program Officers.

VP Stanton, Faculty Director McDonald, and Associate Director Bisson will meet with PI Katehi regularly (at least monthly), and will communicate with her between meetings via email.

Steering Committee – In addition to Chair VP Stanton, Faculty Director McDonald, and Associate Director Bisson, the co-directors of each of the five Initiatives that comprise our ADVANCE project. The STEM colleges include: the College of Agriculture and Environmental Sciences (CAES), the College of Biological Sciences (CBS), the College of Engineering (COE), and the Division of Math and Physical Sciences (MPS) which is within the College of Letters and Sciences.

The Steering Committee will meet twice each quarter to set action priorities for each of the initiatives, review progress, review formative evaluation reports and other indicators of program effectiveness, coordinate and modify planned activities for maximum impact.

Management Team – The management team manages the daily activities of the project. This team is led by Faculty Director McDonald and the ADVANCE Program Coordinator, who will serve as ex-officio members of each of the Initiative committees. Both the Faculty Director and Program Coordinator will report weekly to VP Stanton. To support business operations, the management team also includes a Program Manager, a Budget Analyst, a Purchasing & Accounts Payable Specialist, and a Financial Analyst. Along with the Faculty Director and Program Coordinator, the core business team will be responsible for day-to-day operations, human resources management, internal communications, and coordinating relationships with other academic institutions and ADVANCE programs. To assist the core business team with collaborative projects and communications, both on and off campus, the management team also includes a Post-doctoral Scholar, Faculty Communications expert and ADVANCE Strategic Communications expert, who will be consulted as needed.

Internal Advisory Board (IAB) – The IAB includes a cross-section of UC Davis academic and administrative leaders. It is comprised of the deans of the four STEM colleges, the Faculty Leader from each of the STEM colleges, the Chair of the Davis Division of the Academic Senate, and the Associate Executive Vice Chancellor (who is the Affirmative Action Officer at UC Davis and is responsible for University Community Outreach). This committee is chaired by Distinguished Professor and College of Engineering Dean Enrique Lavernia. IAB members will meet with ADVANCE leadership and management teams in various settings – individually, in STEM departmental meetings, during Council of Deans meetings, and in formal IAB meetings. The role of the IAB is to advise the PI and Steering Committee on optimizing the development, implementation and impact of ADVANCE programmatic activities on campus. IAB members will be asked to support UC Davis ADVANCE during campus-level resource-allocation decisions.

External Advisory Board (EAB) – The EAB includes individuals with national and international prominence, whose expertise includes interdisciplinary STEM research, multi-disciplinary center leadership, institutional change management, experiences with past and on-going ADVANCE Institutional Transformation, and expertise in the study of faculty diversity in higher education and the experience of diverse faculty, especially Hispanics. The EAB also represents a cross-section of the greater California and U.S. populations with respect to gender and cultural identity. The Initiative Co-Directors will interact with EAB members, as needed, based on individual EAB member expertise that may inform the development, implementation and assessment of specific Initiative activities. The management team will communicate with the EAB via email and conference calls, consulting with individual EAB members to assess programmatic goals and identify external resources/potential national collaborations to support the mission of UC Davis ADVANCE.

Initiative Leadership Committees – Five Initiative committees formulate and direct the activities and advance the goals described for the five UC Davis ADVANCE initiatives. Each committee has 1-2 directors and ~3-8 additional faculty participants. The membership of the Initiative committees includes representatives from each of the STEM colleges and committee composition reflects the demographic and career-stage diversity of UC Davis faculty. Initiative committees typically meet 2-4 times each quarter to develop, implement, and evaluate the programs and activities that advance the initiative objectives, in addition to maintaining ongoing email communications.

The CAMPOS Initiative is led by founding director Mary Lou de Leon, Professor of Nursing, Betty Irene Moore School of Nursing and Adjunct Professor of Nursing, University of Pennsylvania; VP Stanton, Faculty Director McDonald and Program Coordinator Jamison-McClung serve as ex officio members of this committee. The Policy and Practices Review Initiative committee is co-directed by Linda Bisson, Associate Director of UC Davis ADVANCE, Professor of Viticulture and Enology, and Past Chair of the UC Davis Academic Senate, and Jeannie Darby, Professor of Civil and Environmental Engineering; VP Stanton, Faculty Director
McDonald and Program Coordinator Jamison-McClung serve as ex officio members of this committee. The **Inclusive Campus Climate Initiative** is co-directed by Susan Rivera, Professor Psychology, the UC Davis MIND Institute, and former Chair of the Academic Senate Committee on Affirmative Action and Diversity, and Kimberlee Shauman, Professor of Sociology; Faculty Director McDonald and Program Coordinator Jamison-McClung serve as ex officio members of this committee. The STEAD Committee is chaired by Susan Rivera. The **Mentorship and Networking Initiative** is co-chaired by JoAnne Engebrecht, Professor of Molecular and Cellular Biology, and Carol Erickson, Distinguished Professor of Molecular and Cellular Biology; Faculty Director McDonald and Program Coordinator Jamison-McClung serve as ex officio members of this committee. The **Mentorship and Networking Initiative** is co-chaired by JoAnne Engebrecht, Professor of Molecular and Cellular Biology, and Carol Erickson, Distinguished Professor of Molecular and Cellular Biology; Faculty Director McDonald and Program Coordinator Jamison-McClung serve as ex officio members of this committee. The **Social Sciences Research Initiative** is directed by Adela de la Torre (Co-PI), Professor of Chicano Studies and Director of the Center for Transnational Health; Faculty Director McDonald and Program Coordinator Jamison-McClung serve as ex officio members of this committee.

**Capital Resource Network (CRN)** – The Capital Resource Network is co-directed by Kimberlee Shauman, Professor of Sociology and Binnie Singh, Assistant Vice-Provost Academic Affairs. Linda Assadian is Managing Director of the Capital Resource Network and Loraine Hernandez-Covello is acting Program Manager (through 2014). The Capital Resource Network is funded by an ADVANCE supplemental award and is currently housed in the Office of Academic Affairs. The collaborative project will complement the VPAA Partner Opportunity Program (POP) and enhance the dual career hiring capabilities of UC Davis by establishing a regional employment network.

**Internal Evaluators** – Terry Westover, Director of Education and Evaluation Services at Resourcing Excellence in Education (REEd) (UC Davis School of Education), and Lisa Sullivan, Senior Evaluation Analyst at REEd, are our internal evaluators. The EES-REEd team will be responsible for compiling and analyzing relevant data, and for helping to prepare reports that will be submitted to the NSF. The qualifications and planned activities of the Internal Evaluators are detailed in the UC Davis ADVANCE Evaluation Plan.

**External Evaluator** – Our external evaluator is Mariko Chang, an independent consultant specializing in Faculty Diversity and Program Evaluation. She currently serves as an evaluation consultant for the Johns Hopkins University Institute for NanoBio Technology, and as external evaluator for programs at Iowa State University, Syracuse University, Purdue University, Montana State University, and the University of New Hampshire. She is also the past Managing Director of Brown University Advance-IT Program, and Associate Professor of Sociology and of Social Studies at Harvard University. The qualifications and planned activities of the External Evaluator are detailed in the UC Davis ADVANCE Evaluation Plan.
MANAGEMENT PLAN MEMBER PROFILES

Member profiles of faculty and key senior personnel are listed below in alphabetical order.

David A. Acosta
Associate Vice Chancellor of Diversity and Inclusion, UC Davis Health System
http://www.ucdmc.ucdavis.edu/leadership/bios/acosta_bio.html
Ex Officio Member: CAMPOS Initiative

David A. Acosta is Associate Vice Chancellor of Diversity and Inclusion at UC Davis Health System. He leads diversity activities across all health-system operations, including the UC Davis School of Medicine, the Betty Irene Moore School of Nursing, UC Davis Medical Center and the physician practice group. He is a recognized leader in creating, managing and directing diversity and inclusion programs. As the inaugural chief diversity officer at the University of Washington School of Medicine, he developed several key programs aimed at increasing the diversity of physicians and access to care for the medically underserved. He established a Rural Health Fellowship Program for Tacoma Family Medicine, an affiliated Family Medicine Residency program at the university's School of Medicine and a National Institutes of Health-funded Center for Cultural Proficiency in Medical Education at Washington, which received a Washington State Association of Multicultural Education award. He also co-authored a diversity strategic plan and founded the Center for Equity, Diversity and Inclusion at UW's School of Medicine. Acosta led innovative educational initiatives there, including a Hispanic Health Pathway certification program for medical students interested in working with Hispanic communities and several health-care disparities courses. He earned his medical degree from the University of California, Irvine, College of Medicine and completed his residency training at Community Hospital of Sonoma County and a faculty development fellowship in the Department of Family Medicine at the University of Washington. He is a member of the American Academy of Family Physicians, the National Hispanic Medical Association, the National Alliance for Hispanic Health and the National Association for Rural Medical Educators, among others. He serves on several committees at the Association of American Medical Colleges (AAMC), including one focused on the holistic review of medical school applicants and the AAMC Group on Diversity and Inclusion, where he serves as national chair.

Matilda Aidam
Director of Faculty Relations and Development, UC Davis
https://academicaffairs.ucdavis.edu/people/staff.html
Committee Member: Mentorship & Networking Initiative

Matilda Aidam serves as the Director of Faculty Relations and Development. She holds a Bachelor's degree in Psychology from UCLA and has more than 15 years of training and mediation experience. A longtime civil servant, Matilda has held positions as a Training Officer, Equal Employment Opportunity Investigator, Civil Rights Officer as well as several management positions. She holds the Senior Professional in Human Resources (SPHR) designation from the Human Resources Certification Institute. Matilda's additional training includes advanced mediation at the Straus Institute for Dispute Resolution at Pepperdine University. Immediately prior to her current appointment, Matilda served as the Director of UC Davis Mediation Services. She provides training and facilitation in the areas of: communication strategies, conflict management, Myers-Briggs Type Indicator, strategic planning and leadership development among others.

Nina Amenta
Professor & Vice Chair of Computer Science
http://www.cs.ucdavis.edu/~amenta
Committee Member: CAMPOS Initiative

Nina Amenta is a Professor and Vice Chair of Computer Science at UC Davis and is Director of the Institute for Data Analysis and Visualization at UC Davis. She works in computational geometry, using discrete geometry to develop algorithms for problems in areas like computer graphics and simulation. Her recent research has focused on the construction of good models of 3D objects from clouds of points, improvements in the construction of basic geometric structures, and visualization for computational biology. In addition to numerous research grants, she is the recipient of an Alfred P. Sloan Foundation Research Fellowship (2000) and an NSF CAREER award (2001). Dr. Amenta holds a Ph.D. from UC Berkeley (1993).
Linda Assadian
https://academicaffairs.ucdavis.edu/people/staff.html

Managing Director: Capital Resource Network

Linda Assadian has served as the director of the Capital Resource Network since September 2014 and recently relocated back to the United States after 17 years of living abroad. Most recently, Assadian lived in the United Kingdom where she worked at the Shakespeare Birthplace Trust as a Trade Marketing Officer. Assadian began her career at Pacific Gas and Electric Company and served in several roles including Marketing and Business Account Services Supervisor, regional government liaison and was a marketing trainer at the corporate employee training center. Assadian earned an MBA from CSUS and she is also a Registered Nurse with the State of California. While in the UK, she served as a Trustee of the Stratford-upon-Avon Food Bank.

Steven Athanases
Professor of Education
http://education.ucdavis.edu/faculty-profile/steven-athanases

STEAD Committee Member: Inclusive Campus Climate Initiative

Steven Athanases, professor of education, researches issues of cultural and linguistic diversity and educational equity in teaching, adolescent learning, and teacher education, with a focus on literacy and English language arts. As a high school English teacher in the Chicago area, he received several awards for outstanding teaching of English, with a focus on writing, and drew on his disciplinary roots in Performance Studies and Communications to stage annual performance showcases of original student compositions. Though he misses teaching adolescents, he enjoys teaching all levels at the university, as well. While completing his doctorate at Stanford, he worked in the Oakland Unified School District as a Coordinator of Public Programs in English with ACCESS, a partnership between Oakland Unified and UC-Berkeley designed to better prepare underrepresented youth of color for admission to the University of California. He continued to partner with teachers in Oakland, funded by a two-year postdoctoral fellowship. With support from a Mellon Foundation grant, he served for several years as Project Director of the Evaluating Communities of Learners Project at Stanford (Ed Haertel, PI), in collaboration with Vanderbilt University faculty and researchers and middle school teachers in Nashville Metro Schools. He joined the UC Davis faculty in 1999. His research has been honored with fellowships and awards of excellence from the National Academy of Education, the Spencer Foundation, the National Council of Teachers of English, the Association of Teacher Educators, the McDonnell Foundation Program in Cognitive Studies for Educational Practice, and the Davis Humanities Institute. His recent funded research has explored two areas: (a) the potential for classroom-based teacher inquiry to strengthen prospective teachers’ knowledge and practice for teaching culturally and linguistically diverse learners (funded, in part, by the Spencer Foundation); and (b) promising practices in preparing lower-income, urban Latina/o students for admission to and success in college (funded by the William T. Grant Foundation, in partnership with UCSC). He serves on the editorial board of the Educational Researcher and was recognized by the American Educational Research Association in 2012 and 2013 as an Outstanding Reviewer of journal manuscripts.

Sophie Barbu

UC Davis ADVANCE Program Manager
http://ucd-advance.ucdavis.edu/profile/sophie-barbu

Sophie Barbu is Program Manager for the UC Davis ADVANCE Program. She is responsible for ADVANCE event management and coordination, website management, STEAD workshop coordination, and ADVANCE reporting support. Previously, she served as UC Davis TRiO Grants Program Assistant (2012-2013), and as Senior Program Coordinator for a large international public health organization, University Research Co., LLC, on several multi-million dollar federally-funded programs that helped international communities’ access health services (2008-2012). She received her B.A. in International Relations from American University, Washington, DC in 2008.
Diana Bilimoria  
*Professor of Organizational Behavior, Case Western Reserve University*  
[http://faculty.weatherhead.case.edu/bilimoria](http://faculty.weatherhead.case.edu/bilimoria)  
*Board Member: External Advisory Board*

Diana Bilimoria is the KeyBank Professor and Professor of Organizational Behavior at the Weatherhead School of Management, Case Western Reserve University. Dr. Bilimoria is the current Division Chair of the Gender and Diversity in Organizations Division of the Academy of Management. She has served as the editor of the Journal of Management Education. Dr. Bilimoria's research focuses on gender diversity in governance and leadership, and organizational transformation. Her research has been used to facilitate the institutional transformation of research universities to become more inclusive of the success and contributions of women faculty. Other applications include the improvement of corporate and nonprofit organizational practices of selection, performance evaluation, advancement, and leadership development to attract and retain a diverse workforce. She has been internationally recognized for her leadership, research and service. At Case Western Reserve University she received the Flora Stone Mather Center for Women’s Spotlight Series Prize for Women's Scholarship (2007), and the Weatherhead School of Management's Doctoral Teaching Excellence Award (2002). She holds a doctorate in business administration from the University of Michigan (1990).

Magali Billen  
*Associate Professor of Geophysics*  
*Committee Member: Mentorship & Networking Initiative*

Magali Billen is an Associate Professor of Geophysics at UC Davis. Her research uses powerful computers to research what is happening deep within Earth, in the viscous mantle that lies under the thin crust of rocky plates that form the planet’s outer surface. In particular, her geophysical research efforts focus on subduction zone dynamics, deformation and rheology of the lithosphere and upper mantle, effects of water and melt on viscosity and plate tectonics. Recent projects include finite element models of subduction zones and lithospheric deformation of continents in oblique convergent margins. Dr. Billen is the recipient of an NSF CAREER award (2007) and was recently a UC Davis Chancellor's Fellow (2010-2011). She has actively worked to support and connect new UC Davis faculty through a New Faculty Network project and email list. Dr. Billen received a doctorate from the California Institute of Technology.

Linda Bisson  
*Professor of Viticulture and Enology*  
*Former UC Davis Academic Senate Chair*  
[http://lfbisson.ucdavis.edu](http://lfbisson.ucdavis.edu)  
*Associate Faculty Director and Co-Director: Policy & Practices Review Initiative*

Linda Bisson holds the Maynard A. Amerine Endowed Chair in Viticulture and Enology at UC Davis. She also served as Chair of the UC Davis Academic Senate. Her research investigates the utilization of carbon and energy sources in yeast, with a specific focus on how eukaryotic cells detect energy sources in their environment and prioritize use when presented with a mixture of substrates. Her research is therefore of fundamental importance from a very fundamental perspective, in adding to knowledge of the mechanisms of regulation of metabolism, but also has broad application in both enology and medicine. Dr. Bisson is a member of the advisory boards of the American Viticulture and Enology Research Network and has just accepted the position of Science Editor for the American Journal of Enology and Viticulture. She is lead principal investigator on the multidisciplinary multi-principal investigator program in stuck fermentations funded by the American Vineyard Foundation. Dr. Bisson received her Ph.D. in 1980 from UC Berkeley.

Manuel Calderón de la Barca Sánchez  
*Associate Professor of Physics*  
[http://nuclear.ucdavis.edu/~calderon](http://nuclear.ucdavis.edu/~calderon)  
*STEAD Committee Member: Inclusive Campus Climate Initiative*

Manuel Calderón de la Barca Sánchez is a Professor of Physics at UC Davis. Dr. Calderón de la Barca Sánchez's research in nuclear physics focuses on heavy quark production. His research group is involved in quarkonium measurements from particle collisions. One focus of this research is the new material state called the Quark-Gluon Plasma, a state produced by the collision of nuclei at the highest possible energies in order to make matter that is hotter than the sun for an instant and one that produces a new state of matter in which the protons and neutrons have melted into their more elementary constituents – quarks and gluons. Dr. Calderón de la Barca Sánchez' research is supported by numerous grants from NSF, and he is the recipient of an NSF CAREER award (2007). He was also a nominee from the UC Davis Association of Students for Excellence in Education (2012). He holds a Ph.D. from Yale University (2001).
Carlos Castillo-Chavez

Carlos Castillo-Chavez is a University Regents and Joaquin Bustoz Jr. Professor of Mathematical Biology at Arizona State University. Dr. Castillo-Chavez's research program is carried out at the interface of the natural and social sciences. Throughout his extensive research career Dr. Castillo-Chaves has examined the role of dynamic social landscapes on disease evolution and the role of dispersal and disease as enhancing mechanisms of ecological diversity. This research agenda has included a great number of topics including the role of cross-immunity on the evolution and dynamics of influenza, problems at the interface of homeland security and disease invasions (natural or deliberate), models for the spread of social "diseases" like alcoholism and of extreme ideologies and their impact on cultural norms. He has been appointed to the Santa Fe Institute's external faculty (Santa Fe, New Mexico) and as adjunct professor in the BSCB department at Cornell University. Founding director of the Mathematical, Computational and Modeling Sciences Center and the graduate field in applied mathematics in the life and social sciences or AMLSS at ASU. Dr. Castillo-Chavez is also the Executive Director of the Mathematical and Theoretical Biology Institute (MTBI) and The Institute for Strengthening the Understanding of Mathematics and Science (SUMS). Castillo-Chavez' undergraduate/graduate research program (established in 1996) was recognized as a "Mathematics Program that Makes a Difference" by the American Mathematical Society in 2007 and by the 2011 Presidential Award for Excellence in Science, Mathematics, and Engineering Mentoring. SUMS' efforts were recognized with a Presidential Mentorship Award in 2002. He received a Ph.D. from the University of Wisconsin (1984).

Ricardo Castro

Ricardo Castro is an Associate Professor of Chemical Engineering & Material Science and a faculty affiliate of the Peter A. Rock Thermochemistry Laboratory and the Nanomaterials in the Environment, Agriculture, and Technology (NEAT) Research Center. This NEAT center is a multidisciplinary research and education program which links the fundamental physics, chemistry, and engineering of small particles and nanomaterials to several challenging areas of investigation. He coordinates research in the thermochemistry of nanoparticles controlling the nanoscale via interface energetics using specially designed procedures, and in the development of nanotech applications. Dr. Castro was recently awarded an NSF Career Award and the Department of Energy Early Career Award (2011). Castro also received the Young Faculty Award from the Society of Hispanic Professional Engineers and the 2012 Outstanding Junior Faculty Award from the College of Engineering at UC Davis. Castro has active projects with Brazil and collaborations with other U.S. institutions and Chinese universities. He received his Ph.D. in 2005 from the University of São Paulo.

Chen-Nee Chuah

Chen-Nee Chuah is a Professor of Electrical and Computer Engineering at UC Davis. Dr. Chuah received her Ph.D. in Electrical Engineering and Computer Sciences from U. C. Berkeley in 2001. From 2001 to 2002, she was a visiting researcher of the IP-Group at Sprint Advanced Technology Laboratories in Burlingame, CA. She joined UC Davis as a full-time Assistant Professor in July 2002, and currently leads the Robust and Ubiquitous Networking (RUBINET) Research Group. Dr. Chuah's research interests lie broadly in communications and computer networks, distributed systems, and wireless/mobile computing, with emphasis on Internet measurements and analysis, anomaly detection, architecture of the future Internet, routing, traffic engineering, multimedia and emerging applications, and vehicular ad hoc networks. Dr. Chuah is an Association for Computing Machinery Distinguished Scientist, received the National Science Foundation CAREER Award (2003), and she received the Outstanding Junior Faculty Award from the College of Engineering at UC Davis in 2004. In 2008, Dr. Chuah was named a UC Davis Chancellor's Fellow. She currently serves as the Associate Editor of IEEE/ACM Transactions on Networking.
Gitta Coaker  
*Associate Professor of Plant Pathology and Chancellor's Fellow*  

**Committee Member: Mentorship & Networking Initiative**

Gitta Coaker is an Associate Professor of Plant Pathology at University of California, Davis. Her research focuses on the molecular genetics of plant innate immunity. Dr. Coaker uses a combination of molecular biology, genetics, biochemistry and high-throughput proteomics to elucidate the signaling mechanisms associated with plant disease resistance following pathogen perception. She uses the Arabidopsis-Pseudomonas syringae model system to (1) investigate the host targets and activation mechanisms of bacterial effectors and (2) decipher the early signaling events that occur during plant resistance gene activation. She received her Ph.D. from Ohio State University 2003 Genetics and Plant Pathology.

Satya Dandekar  
*Chair of Medical Microbiology & Immunology*  
*Professor of Microbiology*  

**Committee Member: Policy & Practices Review Initiative**

Satya Dandekar is a professor of Microbiology and the chairperson of the Department of Medical Microbiology and Immunology at UC Davis and has a joint appointment in the Department of Internal Medicine, Division of Infectious Diseases, UC Davis School of Medicine. Dr. Dandekar's research program is focused on the molecular pathogenesis of human immunodeficiency virus and simian immunodeficiency virus infections with special emphasis on gastrointestinal mucosal lymphoid tissue as a major target organ of the viral infection and as a viral reservoir. This has led to a recent appointment to the NIH Director’s Council of Public Representatives and is also recognized in her frequent contributions as a reviewer of many journals in her field of research such as the Journal of Virology, Blood, Journal of Experimental Medicine, American Journal of Pathology, AIDS Research and Human Retroviruses, AIDS etc. Dr. Dandekar maintains memberships in several societies and associations, is a well-known lecturer both nationally and internationally, and has been an invited speaker at a number of recognized academic institutions. She received her Ph.D. in 1979 from the University of Baroda, India.

Jeannie Darby  
*Professor of Civil and Environmental Engineering*  

**Co-Director: Policy & Practices Review Initiative**

Jeanne Darby is nationally recognized for innovations in engineering education and her research on UV disinfection has been seminal with regard to the critical factors controlling the disinfection process. Darby was awarded the first UC Davis College of Engineering Outstanding Teaching Award and the National Society of Professional Engineers Engineering Education Excellence Award. She was also a founding member of the Center for Women in Engineering at UC Davis and has been instrumental in revising the environmental engineering curriculum. Soon after receiving her Ph.D. in 1988 from UT Austin, she joined the faculty in the Department of Civil & Environmental Engineering at UC Davis where she teaches a variety of courses related to water treatment. She held the Gerald T. and Lillian P. Orlob Professorship in Water Resources Engineering from 2005 to 2010 and was Department Chair from 2004 to 2009.

Adela de la Torre, Co-PI  
*Vice Chancellor of Student Affairs*  
*Professor of Chicana/o Studies*  
[http://chi.ucdavis.edu/faculty/adela-de-la-torre](http://chi.ucdavis.edu/faculty/adela-de-la-torre)

**Co-Director: Social Sciences Research Initiative**

Adela de la Torre, an agricultural economist, is a professor in the Chicana/o Studies Department and director of the Center for Transnational Health at UC Davis. Dr. de la Torre's publications and research primarily focus on social determinants of Chicano/Latino health issues, including border and binalational health. In addition, her recent NIH funded work includes targeting English Language Learning student science educational disparities and developing university- and school-based partnerships to tackle this growing educational divide. Recently she was awarded a $4.8 million USDA NIFA grant focusing on addressing childhood obesity issues within the Mexican origin community. She was appointed to the national advisory committee for the American Human Development Index, is founding and former President of the American Society of Hispanic Economists and is a founding board member of the Latino Coalition for a Healthy California. Dr. de la Torre holds a Ph.D. in Agricultural Economics from UC Berkeley (1986).
Helene Dillard
Dean, College of Agricultural & Environmental Sciences
http://www.caes.ucdavis.edu/about/directory/fsd/helvis
Board Member: Internal Advisory Board

Helene R. Dillard is Dean of the College of Agricultural and Environmental Sciences. Prior to her appointment at UC Davis, Dr. Dillard was on the faculty at Cornell University since 1984 as a plant pathology professor, carrying a 50 percent research and 50 percent extension assignment. Her research focused on the biology, ecology, and management of fungal pathogens that cause diseases in vegetable crops. Her interests include sustainable disease management strategies, integrated pest management, epidemiology and host/pathogen/environment interactions. Dr. Dillard served as chair of the Department of Plant Pathology in Geneva, N.Y. (1997–2001), associate director of Cornell Cooperative Extension (2001–2002), and director of Cornell Cooperative Extension (2002–January 2014). She also served simultaneously as associate dean in two colleges, the College of Agriculture and Life Sciences (CALS) and the College of Human Ecology (2002–January 2014). Dr. Dillard was recognized for her contributions in plant pathology by the American Phytopathological Society (APS), receiving the Excellence in Extension Award in 1992 and being named an APS fellow in 2006. She received the New York Farmers Medal and the Outstanding Faculty Award from CALS in 2013. She completed her B.S. degree in biology of natural resources at UC Berkeley, an M.S. degree in soil science at UC Davis, and a Ph.D. degree in plant pathology at UC Davis.

Raissa D'Souza
Professor Computer Science and Mechanical and Aerospace Engineering
External Professor, Santa Fe Institute
http://mae.ucdavis.edu/dsouza/
Committee Member: Mentorship & Networking Initiative

Raissa D'Souza is a Professor of Mechanical Engineering and of Computer Science at the University of California at Davis, as well as an External Professor at the Santa Fe Institute and Managing Editor of the journal Internet Mathematics. Dr. D'Souza's research focuses on mathematical models of self-organization, phase transitions and the structure and function of networked systems. Her publications span the fields of statistical physics, theoretical computer science and applied math. Dr. D'Souza's current interest is developing methods to enhance or delay the onset of phase transitions in random graphs as well as using random graphs to model statistical properties of interacting networks, such as congruence between social networks and technical artifacts in Open Source Software, the interplay of genetic-regulatory and protein-interaction networks in biological systems, and diffusion of ideas and viruses through distinct communities. Dr. D'Souza received a doctorate in Statistical Physics from MIT in 1999, was a Postdoc at Bell Labs and then a Postdoc in the Theory Group at Microsoft Research.

Jonathan Eisen
Professor of Microbiology & Immunology, Professor of Evolution & Ecology
http://phylogenomics.wordpress.com
Faculty Communications: UC Davis ADVANCE

Jonathan Eisen's lab is in the UC Davis Genome Center and he holds faculty appointments in the Department of Medical Microbiology and Immunology in the School of Medicine, and the Department of Evolution and Ecology in the College of Biological Sciences. In addition, he holds an Adjunct appointment at the Department of Energy Joint Genome Institute in Walnut Creek, CA. Dr. Eisen's research focuses on the mechanisms underlying the origin of novelty (how new processes and functions originate). Most of his work involves the use of high-throughput DNA sequencing methods to characterize microbes and then the use and development of computational methods to analyze this type of data. In particular, his computational work has focused on integrating evolutionary analysis with genome analysis—so-called phylogenomics. Dr. Eisen has been awarded numerous grants and accolades, including the Benjamin Franklin Award (2011) for his efforts to provide open-access to the materials and methods used in the life sciences. He holds a Ph.D. from Stanford (1998).
JoAnne Engebrecht  
Professor of Molecular and Cellular Biology  
http://biosci3.ucdavis.edu/FacultyAndResearch/FacultyProfile.aspx?FacultyID=198  
Co-Director: Mentorship & Networking Initiative  

JoAnne Engebrecht is a Professor of Molecular and Cellular Biology at UC Davis. Dr. Engebrecht studies meiosis and checkpoint function in the C. elegans germ line. She is investigating several aspects of germ line biology using the nematode, Caenorhabditis elegans, as a model. The C. elegans germ line is particularly amenable to these studies due to its unique structural organization, the molecular genetics of the system, and the high degree of conservation with genes and pathways in humans. Dr. Engebrecht specifically investigates how checkpoint pathways are differentially regulated in the female and male germ line; how unpaired sex chromosomes of the heterogametic sex repair double strand breaks and are hidden from the checkpoint machinery; and how different checkpoint pathways interact to ensure the faithful transmission of the genome. She holds a doctorate from the Scripps Institution of Oceanography in Marine Biology (1986).

Carol Erickson  
Distinguished Professor of Molecular and Cellular Biology  
http://biosci3.ucdavis.edu/FacultyAndResearch/FacultyProfile.aspx?FacultyID=239  
Co-Director: Mentorship & Networking Initiative  

Carol Erickson is a Distinguished Professor of Molecular and Cellular Biology. Her research focuses on the development of the avian trunk neural crest. She is particularly interested in the mechanisms that segregate the neural crest lineage from the neural epithelium, the mechanisms that guide specific neural crest lineages along different migratory pathways, and the control of neural crest cell differentiation. She received her Ph.D. in Cell Biology from Yale University in 1976. She is member of the Society for Developmental Biology, Society for Cell Biology, and American Society for the Advancement of Science.

Tom Famula  
Professor of Animal Science  
http://animalscience.ucdavis.edu/faculty/famula/  
STEAD Committee Member: Inclusive Campus Climate initiative  

Tom Famula is Professor of Animal Science at UC Davis. Dr. Famula’s research focuses on the statistical aspects of genetics and animal improvement. Most recently this has concentrated on the inheritance of disease in dogs, a topic that has focused on epilepsy in Belgian Tervuren, deafness in Dalmatians, and Addison’s disease in Bearded Collies. The intent is to discover the specific genes that influence the expression of disease. Dr. Famula is renowned for his research and teaching. He received a distinguished teaching award from UC Davis (1999) and was recently listed in the Princeton Review’s “300 Best Professors List,” one of only 10 University of California professors on the list. His course, Animal Science 1, is one of the best-reviewed and most popular lower-division courses offered at UC Davis. Dr. Famula received a doctorate from Cornell University (1981).

Katherine W. Ferrara  
Professor of Biomedical Engineering and National Academy of Engineering  
http://www.bme.ucdavis.edu/people/departmental-faculty/profiles2/katherine-w-ferrara/  
STEAD Committee Member: Inclusive Campus Climate Initiative  

Katherine Ferrara is a Professor of Biomedical Engineering at UC Davis. Dr. Ferrara began her career as a project engineer for General Electric Medical Systems, involved in the development of early magnetic resonance imaging and ultrasound systems. Following an appointment as an Associate Professor in the Department of Biomedical Engineering at the University of Virginia, Charlottesville, Dr. Ferrara served as the founding chair of the Department of Biomedical Engineering at UC Davis. The central focus of her research is image-guided drug delivery, combining nanovehicles, imaging techniques, and methods to enhance delivery. By encapsulating cancer therapeutics in particles designed to be stable in circulation and targetable to diseased tissue, her research seeks to minimize systemic toxicity and maximize drug efficacy in cancer treatment. She is a fellow of the Institute of Electrical and Electronics Engineers (IEEE), American Association for the Advancement of Science, the Biomedical Engineering Society, the Acoustical Society of America and the American Institute of Medical and Biological Engineering. She received the IEEE UFFC Achievement Award in 2012, and was elected to the National Academy of Engineering in 2014. Dr. Ferrara received her Ph.D. in 1989 from the University of California, Davis.
Yvette Flores
Professor of Chicana/o Studies
http://chi.ucdavis.edu/faculty/yvette-g-flores
Committee Member: CAMPOS Initiative, Social Sciences Research Initiative
Co-Investigator: Social Sciences Research Initiative

Yvette Flores is a Professor of Chicana/o Studies at University of California, Davis and Co-Investigator of Ninos Sanos/Familia Sana, a USDA-funded study focused on reducing overweight and obesity among Mexican origin children. Dr. Flores holds a Master's Degree in Community-Clinical Psychology from California State University, Long Beach and a doctoral degree in Clinical Psychology from UC Berkeley (1982). She has worked as a research psychologist, university professor, and licensed psychologist for almost three decades. She has done research in health psychology, in particular substance abuse treatment outcomes and intimate partner violence. Her current research examines intimate partner violence among Mexicans on both sides of the border. Her publications reflect her life’s work of bridging clinical psychology and Chicano/Latino studies, as she foregrounds gender, ethnicity and sexualities in her clinical, teaching and research practices.

Lorena Garcia
Associate Professor of Public Health Sciences
http://phs.ucdavis.edu/faculty_detail.php?id=532
Committee Member: Mentorship & Networking Initiative

Lorena Garcia is an Associate Professor of Public Health Sciences. Her research focuses on health disparities, in particular obesity and diabetes (metabolic and nutritional disorders), intimate partner violence (injuries), immigrant health and acculturation in the Latino community. A public health epidemiologist, Lorena Garcia is an expert in disease and health patterns in Latinas. She studies how diabetes, obesity and cancer have become some of the worst diseases affecting Latinas in the United States. Garcia has also researched domestic violence among Latinos, working with the Southern California Injury Prevention Research Center. Garcia has found that domestic violence for Latina women worsens when they immigrate to the United States. Recently, UC Davis was awarded a National Institute on Aging (NIA) grant to fund a Latino Aging Research Resource Center and Dr. Garcia is affiliated with this new effort. Dr. Garcia received her doctorate in public health from the Department of Epidemiology at UCLA.

Olivia Graeve
Associate Professor of Mechanical & Aerospace Engineering, University of California, San Diego
http://graeve.ucsd.edu
Board Member: External Advisory Board

Dr. Graeve, Professor of Mechanical & Aerospace Engineering at UC San Diego, researches the fundamental principles of materials processing with specific engineering needs with special emphasis on electromagnetic multifunctional materials for sensors and energy applications. Specific areas of concentration are fundamental studies of colloidial systems for the preparation of ceramic and metallic nanoparticles of unique morphologies; the effect of crystallite size and particle size on the sintering behavior of nanopowders and amorphous-metal/nanocrystalline-ceramic composites; luminescence responses of doped oxide ceramics; morphological effects on the behavior of metal-based nanofluids for thermal energy dissipation; and processing of hexaboride and carbide materials for electro-optics (neutron detection), hydrogen storage, and high-temperature sensor applications. Dr. Graeve has received numerous grants for her work, as well as awards including the Jaime Oaxaca Award, Society of Hispanic Professional Engineers (2011), Karl Schwartzwalder Professional Achievement in Ceramic Engineering (PACE) Award, American Ceramic Society (2010), and an NSF CAREER Award (2007). Dr. Graeve is also the PI on an NSF-funded project, “Enabling Participation of Hispanic Students in SHPE 2011 Graduate Activities.” Dr. Graeve received a Ph.D. from UC Davis in Material Science and Engineering (2001).

Laura Grindstaff
Professor of Sociology
http://sociology.ucdavis.edu/people/laura-grindstaff
Committee Member, Co-Investigator: Social Sciences Research Initiative

Laura Grindstaff is a Professor of Sociology and Director of the Consortium for Women and Research at the University of California, Davis, and a Co-Investigator on the NSF ADVANCE-IT grant. As Consortium director, Dr. Grindstaff is charged with creating professional development opportunities for women faculty and graduate students across the various colleges of the university and with promoting research efforts focused on issues of gender and gender inequality. Grindstaff teaches in the areas of popular culture, cultural sociology, gender and society, and ethnographic research methods. Her research agenda focuses broadly on American media and popular culture and their role in shaping gender, race, and class relations.
Susan Handy

Professor of Environmental Science and Policy

http://www.des.ucdavis.edu/faculty/handy

Committee Member: Policy & Practices Review Initiative

Susan Handy is a professor of Environmental Policy and Planning and a faculty affiliate of the Transportation Technology and Policy Program at UC Davis. Dr. Handy is also the director of the Sustainable Transportation Center, part of the federal university transportation centers program. Dr. Handy’s research focuses on the relationship between transportation and land use, particularly the impact of land use on travel behavior, and on strategies for reducing automobile dependence. Her recent work includes a series of studies on bicycling in Davis, including an exploration of the formation of attitudes towards bicycling and a study of factors affecting bicycling to high school, in addition to projects for the California Air Resources Board and Caltrans on the impacts of “smart growth” strategies on vehicle travel. Dr. Handy serves on the Committee on Women’s Transportation Issues and the Committee on Transportation Education of the Transportation Research Board. Dr. Handy received her doctorate from UC Berkeley (1992).

Ralph Hexter

Provost and Executive Vice Chancellor

http://provost.ucdavis.edu/people/hexter-biography.html

Ralph Hexter arrived at UC Davis on January 1, 2011, to become provost & executive vice chancellor. He also holds an appointment as distinguished professor of classics and comparative literature. As provost and executive vice chancellor, he serves as the number two person in the UC Davis administration, reporting directly to Chancellor Linda P.B. Katehi and representing the chancellor in her absence. He is the campus’s chief academic officer and, in that post, oversees the work of the deans and serves as the chancellor’s principal liaison to the Academic Senate. He is responsible for guiding the development of academic priorities and strategies; working with the deans to recruit and retain a diverse and talented faculty; and in coordination with the chancellor, leading the university's strategic planning process, allocating resources to advance strategic priorities, and, with his fellow vice chancellors, managing the daily operation of the campus.

James E. K. Hildreth

Dean of College of Biological Sciences

Professor Molecular and Cellular Biology & Internal Medicine

http://biosci.ucdavis.edu/the_college/meet_the_dean.htm

Board Member: Internal Advisory Board

James Hildreth is Dean of the College of Biological Sciences and Professor Molecular and Cellular Biology and Internal Medicine at UC Davis. Dr. Hildreth earned his bachelor degree from Harvard University in 1979, his doctorate from Oxford University in immunology in 1982 as a Rhodes Scholar, and his medical degree from Johns Hopkins University School of Medicine in 1987. He is a member of the Institute of Medicine, part of the National Academy of Sciences. Before coming to UC Davis he was an immunologist and professor, and Director the Center for AIDS Health Disparities Research at Meharry Medical College in Tennessee. Prior to that Dr. Hildreth was a tenured professor and Associate Dean at Johns Hopkins School of Medicine. Hildreth's area of expertise is how HIV enters cells and causes infection. In 2001, while serving as chief of the Division of Research for the National Institute of Health's National Center on Minority Health and Health Disparities, Hildreth and his research team made important discoveries related to HIV transmission. At the College of Biological Sciences, Hildreth serve as dean to 125 faculty, 5,312 undergraduates enrolled in 10 majors, 455 graduate students enrolled in eight graduate groups and 397 full-time equivalent staff. He manages an annual budget of nearly $90 million, including nearly $60 million for research.

Lynne A. Isbell

Professor of Anthropology

http://anthropology.ucdavis.edu/people/laisbell

Committee Member: Mentorship & Networking Initiative

Lynne A. Isbell is a Professor of Anthropology at UC Davis. Her research focus is largely focused on primate behavior and ecology, especially food (competition, spatial and temporal distribution, abundance, and nutrition), predation, dispersal, and ranging behavior; Primate ecology, especially where, how, and why primates originated. As a committee member of the UC Davis ADVANCE Mentorship and Networking Initiative, Dr. Isbell is interested in implicit bias in academia. Dr. Isbell is field-oriented, and has engaged in multi-year fieldwork in Uganda and Kenya, with briefer forays into Madagascar, Tanzania, Rwanda, and the Democratic Republic of the Congo. Recently, she has also published research on the gender bias at the annual American Association of Physical Anthropologist annual meetings, as demonstrated by the relative number of talks and posters presented. Dr. Isbell received a Ph.D. in Animal Behavior from UC Davis. She serves as member of the Animal Behavior Society, American Association of Physical Anthropologists, International Primatological Society, American Society of Primatologists, Sigma Xi. Authored book: Isbell, L.A. 2009 (paperback edition, 2011). The Fruit, the Tree, and the Serpent: Why We See So Well. Harvard University Press, Cambridge, MA.
Denneal Jamison-McClung  
Director, Institute for Food & Agricultural Literacy at the UC Davis World Food Center 
Associate Director of UC Davis Biotechnology Program  
www.linkedin.com/in/dsjamisonmcclung 
UC Davis ADVANCE Program Coordinator  
Ex Officio Member: CAMPOS Initiative, Mentorship & Networking Initiative, Policy & Practices Review Initiative, Inclusive Campus Climate Initiative, Social Sciences Research Initiative

Dr. Jamison-McClung is Director of the Institute for Food & Agricultural Literacy at the UC Davis World Food Center and Associate Director of the UC Davis Biotechnology Program, where she is involved in academic program development and administration for the Designated Emphasis in Biotechnology (DEB) doctoral degree program. Dr. Jamison-McClung provides professional development opportunities and mentoring for DEB graduate students, is an instructor for the UC Davis undergraduate University Honors Program (UHP) and serves as the Director of the BioTech SYSTEM, a regional consortium promoting K-14 STEM education. Her primary goal as a science educator is to help diverse audiences (students, teachers, policy makers, consumers) access fact-based resources in order to understand and evaluate emerging technologies across the life sciences and engineering. Dr. Jamison-McClung earned her PhD in Genetics with a Designated Emphasis in Biotechnology and her BS in Biological Sciences with a minor in Women's Studies from UC Davis.

Suad Joseph  
Director, Middle East/South Asia Studies Program, Distinguished Professor of Anthropology and Women's Studies  
http://sjoseph.ucdavis.edu/  
Steering Committee Member

Dr. Joseph has been a faculty at the University of California, Davis since 1976 where she is Distinguished Professor of Anthropology and Women's Studies, and Faculty Assistant to the Chancellor. She is founding Director of the Middle East/ South Asia Studies Program at UC Davis and was awarded the UC Davis Prize – the largest undergraduate teaching and research prize in the United States. Most of her anthropological field research has focused on her native Lebanon. Joseph developed a long-term research program on the interface of gender, family and state in the Middle East, with a focus on Lebanon, with comparative work in Iraq. Central to this research program has been her work theorizing culturally situated notions of "self", "rights", "citizenship" in the context of different political regimes and in the context of the pressures and processes of globalization. She leads a project analyzing the representation of Arabs, Muslims, Arab American, and Muslim Americans in major American print news media. Prof. Joseph is the founder of the Middle East Research Group in Anthropology (which evolved into the Middle East Section of the American Anthropological Association), founder of the Association for Middle East Women's Studies (AMEWS) and the Arab Families Research Group. She founded and directs a five-university consortium including the American University of Beirut, the American University in Cairo, the Lebanese American University, Birzeit University, and UC Davis. She was president of the Middle East Studies Association of North America in 2010-2011. She is co-founder and founding president of the Arab American Studies Association and co-founder of the Association for Middle East Anthropology. She is General Editor of the Encyclopedia of Women and Islamic Cultures. She has edited or co-edited 8 books, and published over 100 articles in journals and books.

Phil Kass  
Associate Vice Provost for Faculty Equity and Inclusion, Professor of Analytic Epidemiology  
Committee Member: Policy & Practices Review Initiative

Phil Kass is Associate Vice Provost for Faculty Equity and Inclusion and Professor of Analytic Epidemiology at UC Davis. His main area of interest is statistical analysis of faculty personnel data to establish evidence-based policy promoting diversity, equity, and inclusion. His research focus is on companion animal epidemiology and evidence-based medicine. Dr. Kass serves as member of the American Association of Public Health Veterinarians, American Veterinary Medical Association, California Veterinary Medical Association, and Society for Epidemiologic Research. He also serves on the following Journal Editorial Review Boards: Animals, BMC Veterinary Research, Journal of the American Animal Hospital Association, PeerJ, Preventive Veterinary Medicine, Veterinary Clinical Pathology, and Veterinary Medicine International. Dr. Kass was awarded the Faculty Teaching Award, School of Veterinary Medicine, 2009; Who’s Who in America, 2014. He has the following notable book chapter publications: “Modern Epidemiologic Study Designs”, 2014, published in Handbook of Epidemiology, 2nd Edition and Springer Publishing, Berlin; “Case-control Studies”, 2014, published in Migration and Health: A Research Methods Handbook, University of California Press, Berkeley. Dr. Kass is author/co-author of approximately 400 peer-reviewed scientific publications.
Linda P. B. Katehi, Principle Investigator

Chancellor, Professor of Electrical and Computer Engineering and Gender Studies

http://chancellor.ucdavis.edu/index.html

Linda Katehi came to UC Davis as our sixth chancellor in 2000. She holds faculty appointments in electrical and computer engineering and in women and gender studies. She is a member of the National Academy of Engineering, a fellow of the American Association for the Advancement of Science and the American Academy of Arts and Sciences, and a member of many other national boards and committees. Prior to coming to UC Davis, Chancellor Katehi served as provost and vice chancellor for academic affairs at the University of Illinois at Urbana-Champaign; the John A. Edwardson Dean of Engineering and professor of electrical and computer engineering at Purdue University; and associate dean for academic affairs and graduate education in the College of Engineering and professor of electrical engineering and computer science at the University of Michigan. In addition, her work in electronic circuit design has led to numerous national and international awards, 19 U.S. patents, and authorship of 10 book chapters and about 650 refereed publications in journals and symposia proceedings.

Susan Kauzlarich

Professor of Chemistry

http://chemgroups.ucdavis.edu/~kauzlarich

Committee Member: CAMPOS Initiative

Susan Kauzlarich is focuses on finding new materials with novel structures and properties. She has worked in the area of nanomaterials since 1992, starting with porous Si, the synthesis of group IV nanoparticles, and most recently, magnetic nanoparticles. Her research group maintains a balance of exploratory and directed research projects, spanning both novel structures and nanomaterials. She focuses on problems at the interface of chemistry and physics, biochemistry, and or engineering with a focus on the design and synthesis of new materials and compounds. Dr. Kauzlarich has received numerous awards including most a UC Davis Distinguished Graduate Mentoring Award (2005) and Presidential Award for Excellence in Science, Mathematics, and Engineering Mentoring (2008). She is a Fellow of the American Association for the Advancement of Science (2009) and Iota Sigma Pi, National Honorary Member (2011) and IUPAC Distinguished Women in Chemistry/Chemical Engineering inductee (2011). Dr. Kauzlarich received her Ph.D. from Michigan State University (1995).

Louise Kellogg

Professor of Geology

http://mygeologypage.ucdavis.edu/kellogg

STEAD Committee Member: Inclusive Campus Climate Initiative

Louise Kellogg is Professor of Geology and Director of the KeckCAVES at UC Davis. KeckCAVES is a unique visualization collaboration that is developing software to interact with three-dimensional data in real-time – moving, rotating, coloring, and manipulating datasets with an ease and speed unobtainable even in other 3D CAVE environments. Dr. Kellogg’s research focuses on how the flow in the Earth’s mantle that drives plate tectonics, and observing and interpreting deformations in the Earth’s crust. Within these broad categories are a variety of projects including mantle convection, earthquake physics and crustal deformation, and visualization of geoscience data in an immersive environment. She has received an NSF Presidential Faculty Fellow Award (1992), is a Fellow of the American Geophysical Union (2010), received the Chancellor’s Award for Diversity and Community (2005), and was co-holder of the UC Presidential Chair for Undergraduate Education (2006-2009). Dr. Kellogg holds a doctorate from Cornell University (1988).

André Knoesen

Professor of Electrical and Computer Engineering

Chair Davis Division Academic Senate

http://www.ece.ucdavis.edu/~knoesen/index.html

Board Member: Internal Advisory Board

Professor Knoesen serves as the Chair of the UC Davis Academic Senate, a governing body that will interact extensively with the Policy & Practices Review Initiative during formal consultation processes for suggested policy changes to facilitate institutional transformation. His research interests as a Professor of Electrical and Computer Engineering (1987 – present) lie in several areas: optics; electromagnetics and electronics relating to applications of structured supramolecular functional composite materials; and intersection of these topics with the life sciences. Professor Knoesen specific research interests include the development and application of electrooptic polymers, biosensor materials, and self-organizing biomaterials, such as protein structures.
Enrique Lavernia
Dean of the College of Engineering
Distinguished Professor of Chemical Engineering and Materials Science
http://chms.engineering.ucdavis.edu/people/faculty/lavernia.html
Board Member: Internal Advisory Board

Enrique Lavernia is Dean of the College of Engineering and Distinguished Professor of Chemical Engineering and Materials Science at UC Davis. His research focuses on synthesis of structural materials and metal matrix composites with particular emphasis on processing fundamentals; thermal spray processing of nano-structured materials; spray atomization and deposition of structural materials; solidification processing of metal matrix composites; synthesis and behavior of nano-crystalline material and mathematical modeling of advanced materials and processes. Dr. Lavernia returned as dean to the College of Engineering (January 1, 2011) after serving as Provost and Executive Vice Chancellor of UC Davis (January 2009–December 2010). He is a Fellow of the American Association for the Advancement of Science (2000), the American Society of Mechanical Engineers (2006), ASM International (1998), and the Alexander von Humboldt Foundation. In 2011 he received the Hispanic Engineer National Achievement Award (HEENAC) and the Society for the Advancement of Chicanos and Native Americans in Science (SACNAS) Distinguished Scientist Award. Dr. Lavernia is also the recipient of the Edward DeMille Campbell Memorial Lectureship (2013), and the ASM International Gold Medal Award (2013). He holds a doctorate from the Massachusetts Institute of Technology (1986).

Mary Lou de Leon Siantz
Professor of Nursing
http://www.ucdmc.ucdavis.edu/nursing/ourteam/faculty/Siantz_bio.html
Founding Director: CAMPOS Initiative
Committee Member: Social Sciences Research Initiative

Mary Lou de Leon Siantz is a professor at the Betty Irene Moore School of Nursing at UC Davis. She is nationally recognized for her interdisciplinary efforts to prepare health professionals for leadership and policy, and internationally respected for her research in migrant health. As a professor at the School of Nursing, de Leon Siantz teaches, conducts research and mentors students in leadership policy and population health. Her research most recently focused on the impact of migration on the health and development of Hispanic migrant/immigrant children and families. Her current research, funded through the Office of Minority Health Department of Health and Human Service, focuses on the development of educational strengths of Hispanic immigrant adolescents and the promotion of their reproductive awareness. De Leon Siantz is the associate director of the Community Engagement and Research Program of the UC Davis Clinical and Translational Science Center. This program connects health researchers with communities of all kinds to ensure discoveries are translated into real-world interventions. She is also an affiliated faculty member with the Migration and Health Research Center, a collaboration between the UC Davis and UC Berkeley campuses that is dedicated to conducting research to improve the health of migrant populations in California and around the globe.

George Mangun
Dean of Social Sciences
Professor of Psychology and Neurology
http://www.ls.ucdavis.edu/dss/dean/dean-bio.html
Board Member: Internal Advisory Board

George R. Mangun is Dean of the Division of Social Sciences, and Professor of Psychology and Neurology in the Center for Mind and Brain. He is an international leader in cognitive neuroscience, and received his Ph.D. in 1987 from the University of California, San Diego. Dr. Mangun's research investigates the cognitive neuroscience of attention. Evolution has crafted powerful brain mechanisms that aid in our survival in a complex and often dangerous world. Research in the Mangun Lab focuses on several of these key mechanisms, those that are involved in attention and awareness. This work takes a cognitive neuroscience approach to investigating how we perceive, attend, ignore and become aware of our environment. Dr. Mangun consults on numerous university, US government, and international scientific panels and advisory boards, including for the National Institutes of Health, the National Academy of Sciences, and the Academy of Finland. He is also an Associate Editor of the Journal of Cognitive Neuroscience, the Treasurer of the Cognitive Neuroscience Society. He was the founding Director of the UC Davis Center for Mind and Brain, and is currently the Dean of Social Sciences in the College of Letters and Science. His celebrated coauthored textbook, Cognitive Neuroscience: The Biology of the Mind (W.W. Norton, 2009) is now in its fourth edition -- it has been translated into French, Italian, and Portuguese. Among other honors, in 2007 he was elected a Fellow of the Association for Psychological Science (APS), and in 2010 he was elected a Fellow of the American Association for the Advancement of Science (AAAS).
Karen McDonald - Faculty Director, Co-PI
Professor in the Department of Chemical Engineering and Materials Science
http://chms.engineering.ucdavis.edu/people/faculty/mcdonald.html

Ex Officio Member: CAMPOS Initiative, Mentorship & Networking Initiative, Policy & Practices Review Initiative, Inclusive Campus Climate Initiative, Social Sciences Research Initiative

Karen McDonald is Professor in the Department of Chemical Engineering and Materials Science and served as Associate Dean for Research and Graduate Studies in the College of Engineering at UC Davis for 13 years prior to joining the UC Davis ADVANCE program. In addition, Dr. McDonald was recently the Principal Investigator of an NSF Integrative Graduate Education and Research Traineeship (IGERT) training program entitled, “Collaborative Research and Education in Agricultural Technologies and Engineering (CREATE)”, Co-Director of the NIH Training Program in Biomolecular Technology and Co-Director of NSF RESOURCE Graduate STEM Fellows in K-12 Education Program at UC Davis. Her research is focused on the development and optimization of plant-based expression systems and bioprocesses for production of recombinant proteins with applications to biofuel and biopharmaceutical production. Dr. McDonald joined UC Davis in 1985, after completing her PhD in Chemical Engineering at the University of Maryland, College Park, MD, an M.S. in Chemical Engineering at the University of California at Berkeley and a B.S. in Chemical Engineering at Stanford University. She was the first female faculty member in the Department of Chemical Engineering and one of the first few in the College of Engineering at UC Davis. As the PI of an initial NSF grant in 1991, and as Co-PI of an NSF grant in 1994, she helped establish the Women in Engineering Center at UC Davis (now part of WISE), developed novel hands-on courses on “How Things Work” to enhance retention of women engineering undergraduate students, and implemented faculty workshops on Exploring the Academic Environment for Women in Engineering.

Giovanis Montero
UC Davis ADVANCE Program Assistant
http://ucd-advance.ucdavis.edu/profile/giovanis-montero

Giovanis Montero joined the ADVANCE Team as Program Assistant in December 2014. She comes to ADVANCE with over ten years of experience providing complex administrative support to executive and senior-level managers in both the public and private sector. Her community outreach efforts included conducting financial literacy presentations to youth and adults in English and Spanish. In her capacity as ADVANCE Program Assistant, she will be scheduling all ADVANCE meetings and taking meeting minutes, scheduling Launch committee meetings, arranging travel logistics and travel expense report reconciliation, and providing general administrative and event support. Giovanis served the Northern Nevada community as a board member for the Chamber of Commerce and several non-profit agencies (2007-2013). She earned an AA in Social Sciences from Hartnell College in California.

Alexandra Navrotsky
Dean of Mathematical and Physical Sciences
Distinguished Professor of Ceramic, Earth, and Environmental Materials Chemistry
http://www.ls.ucdavis.edu/mps/dean/dean-bio.html
Board Member: Internal Advisory Board

Alexandra Navrotsky holds the Edward Roessler Chair in Mathematical and Physical Sciences and is a Distinguished Professor of Ceramic, Earth, and Environmental Materials Chemistry at the University of California, Davis, where she is the director of the Nanomaterials in the Environment, Agriculture and Technology Organized Research Unit (NEAT-ORU) and the Peter A. Rock Thermochemistry Laboratory. Her research relates microscopic features of structure and bonding to macroscopic thermodynamic behavior in minerals, ceramics, and other complex materials. She has published over 700 scientific papers. Professor Navrotsky attended the Bronx High School of Science and the University of Chicago (B.S., M.S., and Ph.D. in physical chemistry). After completing postdoctoral work in Germany and at Penn State University, she joined the faculty in Chemistry at Arizona State University, where she remained until her move to the Department of Geological and Geophysical Sciences at Princeton University in 1985. She chaired that department from 1988 to 1991 and has been active in the Princeton Materials Institute. In 1997, she became an Interdisciplinary Professor of Ceramic, Earth, and Environmental Materials Chemistry at the University of California at Davis and in 2001 was appointed Edward Roessler Chair in Mathematical and Physical Sciences. She has made significant contributions to research on mineral thermodynamics; mantle mineralogy and high pressure phase transitions; silicate melt and glass thermodynamics; order-disorder in spinels; framework silicates; and other oxides; ceramic processing; oxide superconductors; nanophase oxides, zeolites, nitrides, perovskites; and the general problem of structure-energy-property systematics. The main technical focus of her laboratory is high temperature reaction calorimetry.
Brian Nosek
Professor of Psychology, University of Virginia
http://projectimplicit.net/nosek
Board Member: External Advisory Board

Brian Nosek is a Professor of Psychology at the University of Virginia. Dr. Nosek studies the gap between values and practices - the difference between what is intended, desired, supposed to happen and what actually happens. His work is based on the gap between values and practices as it is related to a variety of psychological distinctions: intentions versus actions, explicit versus implicit thoughts, endorsed beliefs versus automatic responses, goals versus outcomes, motivations versus behavior, ideology versus reasoning, and moral judgments versus moral intuitions. The majority of Dr. Nosek’s research has applied this interest to implicit social cognition - thoughts and feelings that occur outside of conscious awareness or control - but the interest has general application. He applies this interest to basic science investigations of human behavior, to applied research and examination of organizational behavior, and to scientific practices. He is the co-founder of Project Implicit at Harvard University, and co-founder of the Open Science Framework. In 2010, he received the All University Teaching Award at the University of Virginia, and is also the recipient of an International Social Cognition Network (ISCON) Early Career Award (2007), and Michele Alexander Early Career Award for Scholarship and Service, Society for the Psychological Study of Social Issues (2007). Dr. Nosek received his doctorate from Yale (2002).

Rebecca Parales
Professor of Microbiology and Molecular Genetics
http://biosci3.ucdavis.edu/FacultyAndResearch/FacultyProfile.aspx?FacultyID=208
Committee Member: Policy & Practices Review Initiative

Rebecca Parales is Professor of Microbiology and Molecular Genetics. Her research interests include bacterial degradation of aromatic hydrocarbons and man-made environmental pollutants. Bacterial chemotaxis to pollutants and man-made chemicals. She is member of the American Society for Microbiology. Dr. Parales received her Ph.D. in 1993 from Cornell University, in Microbiology.

Kyaw Tha Paw U
Professor, Atmospheric Science
Biometeorologist, Agricultural Experiment Station
http://biosci3.ucdavis.edu/FacultyAndResearch/FacultyProfile.aspx?FacultyID=14164
Committee Member: CAMPOS Initiative

Kyaw Tha Paw U is a Professor of Atmospheric Science and Biometeorologist in the Agricultural Experiment Station, at the University of California, Davis Department of Land, Air and Water Resources. His research and teaching activities have been recognized by international awards. His team of students and other colleagues studies the turbulent exchange of trace gases, heat, radiation, and momentum between vegetation and the atmosphere. The team uses advanced computer simulations and field experiments to determine plant ecosystem carbon uptake, water transpiration, methane and nitrous oxide release, the fluid physics of turbulent air flow, and the effects of vegetation on regional scale weather. He and his students teach atmospheric science and plant biology courses. Paw U is part of the Women’s Resources and Research Center WISE mentoring program. His past and current social justice and equity activities include being a member and Chair of the UCD and UC Systemwide Affirmative Action and Diversity Committees; membership on the College of Agricultural and Environmental Sciences Equity and Diversity committee, the University of California President’s Taskforce on Faculty Diversity, and the Campus Council on Community and Diversity; and being a co-PI on a Ford Foundation funded Institute for Women’s Leadership (Rutgers University) grant to UCD (Re-affirming Action: Designs for Diversity in Higher Education) resulting in the co-authored report, “Unprecedented urgency: Gender discrimination in faculty hiring at the University of California,” (West, Lokke, Laky, Paw U and Ham).
Kent Pinkerton
Professor, Department of Pediatrics, School of Medicine
Professor-In-Residence, Department of Anatomy, Physiology and Cell Biology, School of Veterinary Medicine
http://faculty.vetmed.ucdavis.edu/faculty/kepinkerton
Committee Member: CAMPOS Initiative

Kent Pinkerton holds joint appointments in the School of Medicine and School of Veterinary Medicine, and Director of the Center for Health and the Environment. He studies the health effects of environmental air pollutants on lung structure and function and the interaction of gases and airborne particles within specific sites and cell populations of the lungs in acute and chronic lung injury. He also researches the effects of environmental tobacco smoke on lung growth and development. Dr. Pinkerton has received many honors and awards including the University of California Distinguished Teaching Citation (2008), Distinguished Faculty Teaching Award, School of Veterinary Medicine (2006) and the School of Veterinary Medicine Favorite Teacher Award (Class of 1998, 2000, 2001 and 2003). In 2010, he was a Visiting Professor at Nanjing Medical University, China. He completed his Ph.D. degree in Pathology at Duke University (1982).

Rahim Reed
Associate Executive Vice Chancellor, University of California, Davis
http://occr.ucdavis.edu/Rahim_bio.html
Board Member: Internal Advisory Board

Rahim Reed has more than 20 years of experience in administration, student affairs and affirmative action policy development at four major universities. From 1998 until September 2001, he served as the Director of the Center for the Study of Race and Race Relations at the University of Florida. AEVC Reed was one of the founding members of the Center, which is an interdisciplinary institution that promotes research and development of public policy in the areas of race relations, interracial dispute resolution, diversity education and training, racial equality and community relations. Prior to becoming director of the Center, AEVC Reed served as the Assistant Dean for Student and Minority Affairs at the University of Florida College of Law from 1988 to 1998. During this period, he also chaired the University of Florida's Council on Affirmative Action from 1994 to 1996. Rahim served as Assistant Dean in the Office of African Affairs at the University of Virginia from 1986 to 1988 and has also taught and held positions as a Teacher/Counselor at the University of Pittsburgh and a Teaching Assistant at Rutgers University Law School. Mr. Reed received his Bachelor's Degree in Psychology and Black Studies from the University of Pittsburgh in 1977. He also holds a Master's Degree in Public Administration and a Master's Degree in Social Work from the University of Pittsburgh. He completed his legal studies in 1986 and holds a Juris Doctorate Degree from Rutgers University School of Law. He is also an active member of several national organizations and has made many presentations to groups on topics of diversity education and building inclusive communities.
Susan Rivera, Co-I

Professor of Psychology and Research Professor at the UC Davis Medical Investigation of Neurodevelopmental Disorders (MIND) Institute

http://neuroscience.ucdavis.edu/user/s2

Co-Director, Co-Investigator: Inclusive Campus Climate Initiative

Susan Rivera is Professor of Psychology and Research Professor at the UC Davis MIND Institute. Dr. Rivera conducts research on the origins and development of symbolic representation in both infants and children. She uses classic behavioral as well as neuroimaging techniques to investigate such things as the development of dorsal versus ventral visual processing, object representation, numerical cognition and affective processing. As a member of the UC Davis MIND Institute, she also conducts research contrasting typical development with that of children with neurodevelopmental disorders including Autism and fragile X Syndrome. One of her main research goals is to build a framework for integrating the previously disparate methodological and theoretical orientations of cognitive developmental and neuroscience research. By employing a variety of converging research techniques, she strives to elucidate the complex brain-behavior relationships that underlie cognitive development. She is the Associate Editor of *Frontiers in Developmental Psychology*, and is the UC Davis School of Medicine Dean’s Award for Excellence in Collaboration (2010). Dr. Rivera has a Ph.D. from UC Berkeley (1998).

Refugio Rochin

Professor Emeritus of Chicana/o Studies and Agricultural Economics

http://chi.ucdavis.edu/faculty/refugio-rochin

Board Member: External Advisory Board

Refugio I. Rochin is Professor Emeritus of Chicana/o Studies and Agricultural Economics at the University of California, Davis and retired Director of Research & Evaluation, Educational Partnership Center, at U.C. Santa Cruz. Dr. Rochin directed Chicana/o Studies three times during his tenure at UCD (1971-1994) and recently served as the departments’ Sr. Evaluator for Lab Aspire under a grant for the California Public Health Laboratory Director Training Program, from February 2007 through June 2008. He currently serves on the Graduate Group for Education at U.C. Davis and lecturer in Latin America and Latino Studies at U.C. Santa Cruz. Dr. Rochin was former Executive Director of the Society for Advancement of Chicanos/Latinos and Native Americans in Science and represented SACNAS in receiving the Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring, 2004). His research and publications span topics on science, arts, education, culture, U.S. community and international development (including Pakistan, Bangladesh, S. Korea, China, Palestine, Egypt, Latin American and the Caribbean). He is known for his path breaking scholarship in Latina/o Studies and pioneering research on the diffusion and adoption of new technology as part of the “Green Revolution Team” of Nobel Laureate Dr. Norman Borlaug. His most recent work: Rochin & Mello, “Latinos in Science: Trends & Opportunities,” Journal of Hispanic Higher Education, Vol.6 No. 4 October 2007. Dr. Rochin has many awards including an Honorary Doctor in Humane Letters from Northeastern University in recognition of achievements as "Distinguished Scholar, Accomplished Activist, and Dedicated Humanitarian" (2000) and the inaugural Achievement Award of the American Society of Hispanic Economists (2008).

Ray Rodriguez, Co-PI

Professor of Molecular and Cellular Biology

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Committee Member: CAMPOS Initiative

Raymond Rodriguez is a Professor in the Department of Molecular & Cellular Biology and is currently Director of the NIH-sponsored Center of Excellence for Nutritional Genomics at UC Davis. After receiving his Ph.D. at the University of California, Santa Cruz in 1974, he was an A.P. Giannini Foundation Postdoctoral Fellow in the laboratory of Herbert W. Boyer at UC San Francisco Medical Center. While at UCSF, Dr. Rodriguez developed molecular cloning technologies that now serve as the foundation for the biotechnology industry. In 2003 he became Director of the Center of Excellence for Nutritional Genomics, a multi-investigator, multi-institutional research program to study the impact of diet-genome interactions on human health. For his leadership in the field of nutritional genomics, Dr. Rodriguez was selected as the 2008 distinguished lecturer by the USDA-ARS Beltsville Center and in 2009 he received an Honorary Doctorate of Science from the Nara Institute of Science and Technology, Japan. Dr. Rodriguez is a member of numerous scientific organizations and committees and he has been an adviser to the NIH and NSF since 1988. He has published numerous articles and books on molecular biology and biotechnology. Dr. Rodriguez holds 18 U.S. patents and his current research focus is nutritional epigenomics, the study of how dietary factors alter human gene activity by chromatin modification. He holds a Ph.D. from UC Santa Cruz.
Leticia Saucedo  
Professor of Law and Director of Clinical Legal Education  
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STEAD Committee Member: Inclusive Campus Climate Initiative

Leticia Saucedo is an expert in employment, labor, and immigration law. She taught Torts and Immigration Law and co-directed the Immigration Law Clinic at the Wm. S. Boyd School of Law, University of Nevada, Las Vegas (UNLV) until 2010. She has developed courses in international and domestic service learning that explore the immigration consequences of crime and domestic violence in a post-conflict society. Saucedo earned her BA, cum laude, from Bryn Mawr College in 1984 and her JD, cum laude, in 1996 from Harvard Law School, where she was managing editor of the Harvard Latino Law Review. After law school, she served as briefing attorney to Chief Justice Thomas Phillips of the Texas Supreme Court. She then became an associate at Fried, Frank, Harris, Shriver, and Jacobson in New York City, where she was the recipient of the Fried Frank MALDEF Fellowship. From 1999 to 2003, she worked as a staff attorney for the Mexican American Legal Defense and Educational Fund in San Antonio, Texas, where she litigated employment and education cases. Saucedo’s research interests lie at the intersections of employment, labor, and immigration law. Her law review articles have appeared in Notre Dame Law Review, the Ohio State Law Journal, the Buffalo Law Review, the Richmond Law Review, the Harvard Journal of Law and Gender, the Harvard Latino Law Review, the University of Michigan Journal of Law Reform, and the Hispanic Journal of Behavioral Sciences.

Kimberlee Shauman,  
Professor of Sociology  
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Co-Director: Inclusive Campus Climate Initiative, Capital Resource Network

Kimberlee Shauman is a professor of sociology at the University of California, Davis. Her main areas of interest are social stratification, family and kinship, demography, sociology of education, and quantitative methodology. Her research focuses on gender differences in educational and occupational trajectories with particular attention to the causal effects of family characteristics. Her book, *Women in Science: Career Processes and Outcomes* (co-authored with Yu Xie), examines the underrepresentation of women in science from a life course perspective. In addition to on-going studies of gender differences in the attainment of STEM degrees, she has studied the career causes and consequences of family migration among dual-earner couples, field-specific gender differences in the utilization of educational credentials, the influence of anti-discrimination laws on gender inequality in the labor market, and the demographic consequences of persistent racial differences in mortality. Dr. Shauman received her Ph.D. from the University of Michigan in 1997.

Mitchell H. Singer  
Professor of Microbiology and Molecular Genetics  
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STEAD Committee Member: Inclusive Campus Climate Initiative

Mitchell H. Singer is Professor of Microbiology and Molecular Genetics. He received his Ph.D. in Bacteriology from the University of Wisconsin, Madison, in 1990. His research interests include microbial development, gene regulation, and transcriptional control of gene expression. He is member of the American Society for Microbiology.

Binnie Singh  
Assistant Vice Provost, Office of the Vice Provost for Academic Affairs  
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Committee Member: Mentorship & Networking Initiative, Policy & Practices Review Initiative  
Co-Director: Capital Resource Network

Binnie Singh is the Assistant Vice Provost, in the Office of the Vice Provost, Academic Affairs. In this role, she serves as the primary liaison between Academic Affairs and other units and organizations, both campus and systemwide, and assists the Vice Provost – Academic Affairs in strategic planning, implementation and innovation for all matters affecting academic personnel at UC Davis. Prior to this role, she served for over 10 years as the Director of Faculty Relations and Development in Academic Affairs consulting with campus leaders on resolving conflicts that involve academic employees, mediates and settles formal complaints and grievances, coordinates and delivers development/training programs for faculty, especially department chairs and new faculty, manages faculty medical leaves and issues related to accommodations, and administers the Work Life Program for academics. Binnie has over 20 years of experience in a large breadth of human resources areas, including organizational development, equal employment opportunity, recruitment and retention, personnel selection, labor relations and training/development. She holds a bachelor’s of science in psychology from UC Davis, and a master’s in organizational psychology from Alliant University.
Sheryl Soucy-Lubell  
*Director, Interdisciplinary Research Services, Office of Research*  
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*Board Member: Internal Advisory Board*

Sheryl Soucy-Lubell is the Director of Interdisciplinary Research Support team in the UC Davis Office of Research. Under her direction, this team is responsible for the preparation of major grant and contract proposals for large-scale, interdisciplinary research programs. As director of this unit, Sheryl identifies and develops collaborative efforts in pursuit of extramural funding opportunities; advises campus administrators in prioritizing research efforts by determining UC Davis research capacity in specific areas and forecasting opportunities for success prior to committing resources; and conducts campus-wide research development activities such as workshops, trainings, program officer visits, funding opportunity searches and dissemination, and research team building. Sheryl also oversees the administration of the Limited Submissions program, which is a service of the Office of Research that assists faculty in identifying Limited Submission opportunities and coordinates the campus review and nomination of applications for those opportunities. She received a B.A. in Biology and Environmental Studies at Dartmouth College, a Ph.D. in Ecology and Evolution at the State University of New York at Stony Brook, and conducted post-doctoral research in the Department of Biological Sciences at Florida State University.

Jay Stachowicz  
*Professor of Evolution and Ecology*  
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*Committee Member: Mentorship & Networking Initiative*

Jay Stachowicz, Professor of Evolution and Ecology at UC Davis, researches the ecological causes and consequences of biodiversity. He is the current director of the Center for Population Biology. Dr. Stachowicz has found seaweeds and marine invertebrates to be particularly tractable experimental subjects and has conducted research involving a diverse suite of invertebrate taxa including corals, hydroids, crabs, echinoderms, polychaetes, ascidians, bryozoans, and gastropods. The main issues his research has focused on the effects of species diversity on communities and ecosystems; the ecological consequences of genetic diversity; positive interactions and mutualisms; the ecology and evolution of decorator crabs; and biological invasions. Dr. Stachowicz is the recipient of the UC Davis College of Biological Sciences Teaching Award (2011), the Aldo Leopold Leadership Fellowship (2008) and was a UC Davis Chancellor’s Fellow (2007-2011). Dr. Stachowicz earned his Ph.D. from the University of North Carolina, Chapel Hill in 1998.

Maureen Stanton, Co-PI  
*Vice Provost for Academic Affairs and Professor of Evolution and Ecology, University of California, Davis*  
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*Steering Committee Chair*  
*Ex Officio Member: CAMPOS Initiative, Policy & Practices Review Initiative*

Maureen Stanton is Vice Provost for Academic Affairs and Professor of Evolution and Ecology. VP Stanton served as Chair of the Department of Evolution and Ecology (2005-2011), is a member of the American Academy of Arts and Sciences and has received numerous awards for her research and teaching, including the UC Davis Prize for Teaching and Scholarly Achievement (2000). She has also served as the Vice-President of the American Society of Naturalists (1988) and is a fellow of the California Academy of Sciences. VP Stanton’s research focuses on how plant and animal populations adapt to environmental change, whether caused by natural processes or human activities, knowledge that is critical for predicting the long-term consequences of climate change, biological invasions and other alterations of global ecosystems. She has conducted fieldwork in both the U.S. and Kenya.
Abigail Stewart  
Sandra Schwartz Tangri Distinguished University Professor of Psychology and Women's Studies, University of Michigan  
Director, University of Michigan ADVANCE  
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Board Member: External Advisory Board

Dr. Stewart is a Professor of Psychology and Women's Studies and Associate Dean of the University of Michigan's Rackham Graduate School. Stewart is also the founder and director of the University of Michigan ADVANCE program and Institute for Research on Women and Gender. She has published many scholarly articles and several books, focusing on the feminist theory and the psychology of women's lives, personality, and adaptation to personal and social changes. Her current research, which combines qualitative and quantitative methods, includes comparative analyses of longitudinal studies of educated women's lives and personalities; a collaborative study of race, gender and generation in the graduates of a Midwest high school; and research and interventions on gender and science and technology with middle-school-age girls, undergraduate students, and faculty. She has received the Henry Murray Award in personality psychology and the Carolyn Wood Sherif Award in psychology of women from the American Psychological Association and the American Association of University Women Eleanor Roosevelt Fund Award. Dr. Stewart holds degrees from Wesleyan University, the London School of Economics, and Harvard University.

Lisa Sullivan  
Senior Evaluation Analyst at Resourcing Excellence in Education (REEd)  
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Internal Evaluator

Lisa Sullivan, PhD, is Senior Evaluation Analyst at Resourcing Excellence in Education (REEd) (UC Davis School of Education). She specializes in qualitative and quantitative data analysis, and has research experience in the areas of school readiness, special education, reading assessments and teacher education. Her dissertation research examined the role of social attention in learning and school readiness for preschool children. Lisa was formerly a classroom teacher in Los Angeles and was a Teacher Education Fellow at UC Davis, supervising middle school teachers in the credential program. Her main area of interest is in working with educators to translate research into practice that will improve outcomes for all students. Lisa earned her Ph.D. in Learning and Mind Sciences from the University of California, Davis in 2010. She received her M.A. in Educational Psychology from the University of California, Davis in 2006, and her B.A. in Psychology, Phi Beta Kappa, cum laude from University of California, Irvine in 1986.

Caroline S. T. Turner  
Professor of Educational Leadership, California State University  
Professor Emerita, Higher & Postsecondary Education, Lincoln Professor of Ethics and Education, Arizona State University  
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Dr. Turner is Professor, Doctorate in Educational Leadership, California State University, Sacramento and Professor Emerita, Higher & Postsecondary Education, Lincoln Professor of Ethics and Education, Arizona State University. Dr. Turner's research and teaching interests include access, equity and leadership in higher education, faculty gender and racial/ethnic diversity, organizational change, and the use of qualitative methods for policy research. Her research includes a Spencer Foundation funded study of the faculty search committee process and hiring of faculty of color, a PEW Foundation funded study of Latino faculty in theological education, a Ford Foundation funded study of Diversity in Academe Post-Grutter, a Stanford University funded study of Pre-16 reforms and the promise of a seamless educational system, a study of women of color presidents in higher education, and a study of faculty and students of color in mathematical sciences and related fields. Dr. Turner is the recipient of the American Educational Research Association (AERA) Scholars of Color in Education Distinguished Career Contribution Award (2009) and the AERA Dr. Carlos J. Vallejo Memorial Award for Lifetime Scholarship (2009), the Association for the Study of Higher Education (ASHE) Council on Ethnic Participation Mildred Garcia Award for Exemplary Scholarship (2008), and the Mary Lou Fulton College of Education Dean's Faculty Excellence Award (2008, 2009). Recently, she was a Visiting Scholar with the Stanford Institute for Higher Education Research (SIHER) and named a Distinguished Alumni Scholar by Stanford University. She received her doctorate in Administration and Policy Analysis from the Stanford University School of Education.
Monica Vazirani  
Professor of Mathematics  
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Committee Member: Policy & Practices Review Initiative

Monica Vazirani is Professor of Mathematics at UC Davis. Vazirani studies combinational representation theory and her area of expertise is the representation theory of Hecke algebras and Khovanov-Lauda-Rouquier (KLR) algebras. She studies KLR irreducible representations, which are the most basic objects whose symmetries are encoded in these algebras. Vazirani received her Ph.D. from UC Berkeley in 1999.

Theresa Westover  
Director of Education and Evaluation Services at Resourcing Excellence in Education (REEd)  
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Internal Evaluator

Theresa Westover, PhD, is the Director of Education and Evaluation Services at Resourcing Excellence in Education (REEd) (UC Davis School of Education). She supervises REEd's evaluation projects and staff and has over 30 years of experience in evaluation, research methods, and project management. Her areas of expertise include evaluation and research design, data collection tool development (with an emphasis on survey design and administration) and testing, data analysis, and policy analysis. Dr. Westover has taught graduate level research methods courses and is familiar with standard approaches to establishing validity and reliability of research tools and is well versed in numerous research and evaluation approaches using both qualitative and quantitative data. She has conducted a number of large scale survey research projects and supervises all of the evaluation studies in CEES.

Ruth Zambrana  
Professor of Women’s Studies, Director of Consortium on Race, Gender, and Ethnicity and Interim Director of US Latino Studies, University of Maryland, College Park  
Adjunct Professor of Family Medicine, University of Maryland, Baltimore  
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Board Member: External Advisory Board

Dr. Zambrana is Professor in the Department of Women’s Studies, Director of the Consortium on Race, Gender and Ethnicity, Interim Director of the U.S. Latino Studies Initiative at the University of Maryland, College Park, and Adjunct Professor of Family Medicine at University of Maryland Baltimore, School of Medicine, Department of Family Medicine. Her work focuses on the intersections of gender, race/ethnicity, socioeconomic status and other contextual variables in disparities in the provision of public health, human services and education with an emphasis on Latino women, children, and youth. Emerging scholarship is on inequalities in racial/ethnic women's health and disparity, knowledge production and public policy. Co-authored books include Health Issues in the Latino Community (2001); Drawing from the Data: Working Effectively with Latino Families (2003), and an anthology (Forthcoming, 2008) entitled Emerging Intersections: Race, Class, and Gender in Theory, Policy, and Practice. She has published extensively in her field, has served on several editorial boards including the American Journal of Public Health and Journal of Health Care for the Poor and Underserved. She has served on several national and state boards and committees and recently served as a member of the Centers for Disease Control and Prevention, Agenda Committee, Office of Public Health Research, Health Information Services and Health Equity Champions Workgroups (2005) and the State of Maryland Governor’s Transition Task Force on Higher Education (2006). She was honored by Hispanic Business Magazine as 2007 Elite Woman of the Year for her commitment and dedication to improving the Hispanic community through her service and scholarship. She has a doctorate in sociology from Boston University (1977).