MANAGEMENT OF INNOVATION, SUSTAINABILITY, AND TECHNOLOGY (MIST)
GRADUATE PROGRAM IN MANAGEMENT OF COMPLEX SYSTEMS
Master of Science (M.S.) and Doctor of Philosophy (Ph.D.)
University of California, Merced

The graduate program in Management of Complex Systems addresses cross-disciplinary challenges of understanding, modeling, designing, and managing complex systems, focusing on adaptive management of complex coupled human and natural systems and complex coupled human and technology systems, including for-profit and not-for-profit organizations and public and private enterprises.

ADMISSION INFORMATION
Applications open: Nov 2018 – Feb 2019
Requirements: Bachelors degree, GMAT or GRE
Financial aid and fellowships available

More information at mist.ucmerced.edu/phd-program-info

INTERDISCIPLINARY RESEARCH AND EDUCATION

FOUNDATIONS OF MANAGEMENT
Apply disciplinary concepts and theories for framing and defining research questions and plans from business, management, economics, sociology, psychology, cognitive science, environmental science and engineering

RESEARCH METHODS FOR MANAGEMENT
Apply contemporary social science and scientific methods needed to conduct rigorous research in your area of specialization.

COMMUNICATION FOR MANAGERS
Communicate effectively to experts and non-experts, in professional (scientific and management) and community settings, preparing and delivering oral and written presentations using appropriate technologies.

RESEARCH INDEPENDENCE
Initiate and conduct independent research that makes an original contribution to knowledge, and which may be published in a peer-reviewed outlet.

RESEARCH ETHICS AND SOCIETAL CONTEXT
Demonstrate familiarity with all aspects of research ethics and the societal context of their work.

CONTACT Paul Maglio - pmaglio@ucmerced.edu
MANAGEMENT OF INNOVATION, SUSTAINABILITY, AND TECHNOLOGY FACULTY

Roger Bales, PhD, Environmental Engineering Science, California Institute of Technology
hydrology, glaciology, paleoclimate, atmospheric chemistry, environmental engineering

Anita Bhappu, PhD, Management, University of Arizona
organizational behavior, diversity, teams, conflict and negotiation, service delivery, digital retailing and the sharing economy

Jeffrey Jenkins, PhD, Environmental Studies, University of California, Santa Cruz
political ecology, public lands and protected areas, community planning and adaptive management

Catherine Keske, PhD, Agriculture and Resource Economics, Colorado State University
environmental studies, applied economics at food-water-energy nexus, land and resource management in fragile ecosystems

Tea Lepiäälä, PhD, Organizations and Management, Aalto University
innovation studies, organization theory, technological innovation processes and collaboration

Paul Maglio, PhD, Cognitive Science, University of California, San Diego
service science, human-computer interaction, distributed cognition

Russell McBride, PhD, Philosophy and Cognitive Science, University of California, Berkeley
entrepreneurship, strategy, cognitive science, and the structure of social reality.

Alexander Petersen, PhD, Physics, Boston University
evolution of large multiscale socio-economic systems, applying methods from complex systems, statistical physics, and innovation

Fanis Tsouhoulas, PhD, Economics, University of Illinois Urbana-Champaign
corporate finance (corporate governance) and entrepreneurship, applied tournament theory, contract theory and the economics of information

Josh Viers, PhD, Environmental Sciences, University of California, Davis
watershed management, environmental decision making, environmental and hydro informatics, geospatial analysis

Leroy Westerling, PhD, Economics and International Affairs, University of California, San Diego
applied climatology, wildfire, simulation and scenario analysis, climate change impact assessment, resource management policy

Lisa Yeo, PhD, Operations and Information Systems, University of Alberta
economics of information systems, security and privacy, organizational behavior