

Dr. Charles Chadwell <i>Structural</i>	♦Nonlinear structural dynamics ♦Earthquake engineering ♦Advanced analysis techniques for long-span bridges ♦Nonlinear structural modeling and analysis ♦Earthquake engineering software development for Windows using Visual Basic and C++ ♦Nonlinear behavior of reinforced concrete structures
Dr. Alypios Chatziioanou <i>Transportation</i>	♦Transportation engineering ♦Air transportation ♦Traffic control systems
Dr. Jay S. DeNatale <i>Geotechnical</i>	♦Geotechnical engineering ♦Field and laboratory testing ♦Lateral earth support systems ♦Slope stability ♦Computer-aided analysis and design
Dr. Gregg L. Fiegel <i>Geotechnical</i>	♦Geotechnical engineering ♦Geotechnical earthquake engineering ♦Field and laboratory testing
Dr. Rakesh Goel <i>Structural</i>	♦Computer applications in structures ♦Structural dynamics ♦Earthquake analysis and design ♦Structures with energy dissipation systems
Dr. Garrett Hall <i>Structural</i>	♦Theoretical and computational solid mechanics ♦Constitutive theory ♦Microstructure and phase transition ♦Numerical algorithms and software development
Dr. Jim Hanson <i>Geotechnical</i>	♦Geotechnical and geoenvironmental engineering ♦Performance of waste containment facilities ♦Soft ground improvement methods ♦Large-scale experimental testing
Dr. Daniel Jansen <i>Structural</i>	♦High performance concrete ♦Reinforced concrete design ♦Experimental mechanics ♦Fracture mechanics ♦Use of recycled materials in civil applications
Dr. Damian Kachlakev <i>Structural</i>	♦Composite materials for structural applications ♦Strengthening and retrofit of bridges ♦Structural analysis ♦Finite element modeling ♦Paving materials
Dr. Eric P. Kasper <i>Structural</i>	♦Theoretical and computational solid mechanics ♦Constitutive theory and modeling ♦Numerical aspects of dynamics and stability ♦Finite element software development
Dr. C. Kurt Lo <i>Water Resources</i>	♦Water resources engineering ♦Hydraulics ♦Hydraulics engineering ♦Hydrology ♦Coastal engineering
Dr. Tryg Lundquist <i>Environmental</i>	♦Wastewater reclamation ♦Ponds & constructed wetlands ♦Algae mass culture ♦Metals biogeochemistry ♦Manure management ♦Biofuels ♦Wildlife refuge wetlands ♦Life cycle analyses ♦Small-scale drinking water treatment ♦Modeling of microbial processes
Dr. Sudeshna Mitra <i>Transportation</i>	♦Transportation safety ♦Travel behavior ♦Geographic Information System ♦Statistical and econometric modeling
Dr. Sara Moazzami <i>Structural</i>	♦Structural analysis and computer application ♦Earthquake resistant design of structures ♦Finite element analysis ♦Structural dynamics
Dr. Robb Moss <i>Geotechnical</i>	♦Soil mechanics ♦Geotechnical earthquake engineering ♦Engineering seismology ♦Reliability and probabilistic analysis ♦Seismic hazard analysis
Dr. Misgana Muleta <i>Water Resources</i>	♦Hydraulics ♦Water Resources Engineering ♦Water Resources Systems Analysis ♦Watershed Management ♦Stormwater Management ♦Hydroinformatics
Dr. Yarrow Nelson <i>Environmental</i>	♦Bioenvironmental engineering ♦Toxic metal pollutants ♦Bioremediation ♦Microbially-mediated contaminant transport and transformations ♦Phytoremediation ♦Pollution prevention ♦Biofuel production from wastewater
Dr. Nirupam Pal <i>Environmental</i>	♦Biodegradation of hazardous wastes (industrial waste, groundwater, soil) ♦Metabolic manipulation ♦Optimization of bioreactor configuration. ♦Microbial kinetics ♦Microbial production of value added products from spent wastes ♦Pollution prevention
Dr. Anurag Pande <i>Transportation</i>	♦Intelligent Transportation Systems ♦Vehicle Infrastructure Integration (VII) ♦Traffic Simulation ♦Statistical/Data Mining applications in Transportation Safety
Dr. Bing Qu <i>Structural</i>	♦Seismic Design of Steel Structures ♦Seismic Evaluation and Retrofit of Steel Bridges and Buildings ♦Buckling Behavior of Steel Structure ♦Performance of Seismically Designed Steel Structures under Multi-Hazard Loads
Dr. Ashraf Rahim <i>Transportation</i>	♦Pavement materials ♦Modified asphalt mixes ♦Soil stabilization ♦Pavement management systems
Dr. Shikha Rahman <i>Water Resources</i>	♦Water Resources Engineering ♦Open channel hydraulics ♦Sediment Transport ♦Turbulence and scalar diffusion ♦Environmental and experimental fluid mechanics ♦Plume tracking by aquatic organisms ♦Graphics and 3D visualization techniques
Dr. Tracy Thatcher <i>Environmental</i>	♦Indoor air pollution (sources, transport, fate) ♦Predicting and reducing exposure to airborne particles ♦Improving air quality in commercial and residential buildings
Dr. Samuel Vigil <i>Environmental</i>	♦Solid waste management ♦Recycling ♦Wastewater treatment ♦Energy conservation ♦Energy from wastes ♦Sustainable engineering