

## Technology & Information Management M.S., Ph.D.

### **What research emphases are available in the Technology & Information Management program?**

The research areas in TIM are varied, and each will require a different sequence of classes to develop appropriate depth in analytical methods and technology. The selection of graduate courses will be in consultation with the dissertation supervisor.

### **What additional experience can a TIM student expect to gain in this program?**

Although there is no teaching requirement, students will be encouraged to gain teaching experience by becoming teaching assistants (TAs). Where appropriate, research internships with companies, government laboratories, or elsewhere are recognized (and may be required) as an integral part of the research leading to the dissertation.

### **What salary (on top of tuition and fees) do first-year Graduate Student Researchers in your program earn?**

Our GSRs earn between \$5,400-5,900 per quarter.

### **When are graduate applications due for your program?**

PhD Applications Due: January 3rd

M.S. Applications Due: January 3rd

Please note the following - The TIM MS program WILL NOT be accepting applications for the 2014-2015 academic year.

The next admission cycle will be for Fall 2015.

Applications will open on October 1, 2014 and the deadline to apply is January 3, 2015.

### **Who can I contact for more information?**

John Musacchio, Graduate Program Director  
(831) 459-4549, johnm@soe.ucsc.edu

Emily Gregg, Graduate Student Adviser  
(831) 459-2576, egregg@soe.ucsc.edu



## Technology & Information Management Faculty

**Ram Akella** Data analytics, machine learning, informational retrieval (search), data, text, image and video mining, social networks and recommender systems, business analytics, business and management of technology, intelligent services and knowledge management, IT, product design, delivery and portfolios, financial engineering and management, process learning, supply chain management, automation

**Subhas Desa** Product development, supply chain management, management of technology, system dynamics and control

**Dan Friedman** Applied economic theory, with emphasis on learning and evolution, laboratory experiments, and financial markets

**J. J. Garcia-Luna-Aceves** Principles of computer communication, Internet, mobile and pervasive computing, wireless networks, information centric networks, network science

**Brent Haddad** Associate Dean of Engineering for Technology Management. Director, Technology & Information Management Degree Programs. Director, Center for Integrated Water Research. Integrated water management, regional water management, water and energy policy, political economy, renewable energy

**Michael Isaacson** Nano- and microfabrication technology and applications to biomedical and diagnostic devices, nanocharacterization of materials with emphasis on the development of microscopy tools, novel modes of imaging, electron and light optics. Renewable energy systems, STEM education, sustainability.

**Patrick Mantey** CITRIS Campus Director, Director of ITI, Multimedia systems, digital signal processing, sensor systems and networks, real-time monitoring and control, image systems, image processing, visualization, geographic information systems, decision support systems

**John Musacchio** Control, analysis, and pricing of communications networks, applications of game theory in networking, wireless ad-hoc networks, management of technology

**Linda Werner** Software engineering, computer science education, children and computer game creation, testing, increasing diversity in the computer science field, social issues

**Steve Whittaker** Human Computer Interaction, specifically psychological aspects involved in the design and use of digital artifacts

**Yi Zhang** Large scale information retrieval, recommendation systems, internet advertising, data mining, natural language processing, applied machine learning

