

# RESOURCE AND INFORMATION

## Graduate Resource Center

**October 14 (Wed) @ 2 - 3PM**

Join the Coordinator of the Graduate Resource Center to learn about the kinds of resources and support provided to graduate students by the Office of Graduate Studies. Topics include available funding opportunities, writing support services, and workshops and webinars for academic and professional development.

## How To Apply To Grad School

**October 15 (Thurs) @ 3 - 4PM**

Come learn about the application process to the graduate programs offered at ECST (<https://www.calstatela.edu/ecst/graduateprogram>) and get your questions answered in this interactive session."

## CSU-LSAMP Info Session

**October 15 (Thurs) @ 3 - 4PM**

California State University – Louis Stokes Alliance for Minority Participation (CSU-LSAMP) is a comprehensive, statewide program dedicated to broadening participation in science, technology, engineering, and mathematics (STEM) disciplines. We offer supports and resources to help prepare underrepresented minority students who majored in STEM for career and grad school, i.e. academic resources, professional development.

# RESEARCH AND OPPORTUNITY

## Materials and Manufacturing

**October 14 (Wed) @ 4 - 5PM**

In the race to make things stronger, cheaper, lighter, more functional and more sustainable, the manipulation of materials, their properties and processes is key. This means graduates in this area can work, or do research in most companies and institutions in the world.

Join us for an interactive session to learn about the opportunities Cal State LA offers to graduate students in the areas of Materials and Manufacturing!

## Industrial Management

**October 14 (Wed) @ 5 - 5:45PM**

MS in Industrial Management is a hassle-free MS degree that you can complete after work. If you want to find an ideal career with a better academic degree, and do not have time to be a full-time student, this MSIM degree is for you!

The MSIM exposes the leadership potential in you, and paves the highway to successful entry-level or middle management positions in the manufacturing industries.

# RESEARCH AND OPPORTUNITY

## Data Science and Internet of Things

October 15 (Thurs) @ 11 - 12PM

**Data Science** is a new field of research and study that aims to develop automated techniques to extract knowledge or insight from large-scale data and use this insight for future purposes such as prediction, decision making, or recommendations. We see and use the applications of data science every day in our life from social media and online shopping to healthcare, from entertainments to self-driving cars and smart cities.

The **Internet of Things (IoT)** is a fast-growing field that enables smart homes, remote medical and healthcare services, automated agriculture, environmental monitoring, and many useful industrial applications. IoT integrated many modern technologies, including sensors, communication systems, cloud computing, cyber-physical system security.

## Robotics and Intelligent Systems

October 15 (Thurs) @ 4:30 - 5:30PM

The foundation of robotics and intelligent systems combines multi-disciplinary engineering expertise in mechanical, electrical, and computer systems to create automated solutions to problems that society faces, including those within manufacturing, transportation, healthcare, infrastructure, and the environment. Learn about what we research in the fields of robotics, enhanced sensor processing and control systems, and autonomous systems.

# RESEARCH AND OPPORTUNITY

## **Biomedical Engineering**

**October 16 (Fri) @ 1 - 2PM**

At the foundation of biomedical engineering is a deep understanding of engineering electrical, mechanical, and computing systems and an integration of knowledge in biology and medicine. The Biomedical Engineering faculty in ECST form a diverse interdisciplinary team with research areas ranging from computational models of neural networks to augmented reality for the visually impaired, neural stimulation therapies to smart connected mobile health applications for managing diabetes

Learn what we offer in the areas of biomedical devices, biomechanics, biocomputing, artificial intelligence, and smart health to prepare our students for careers developing high-tech advances in medicine and healthcare.

## **Sustainability: Systems and Processes**

**October 16 (Fri) @ 2 - 3PM**

The Engineering and Technology faculty in ECST, form a diverse interdisciplinary team with research areas ranging from mathematical modeling and computational simulations to experimental analyses in solving real-world problems, while preparing students for successful careers in industry and/or advanced graduate degrees.

Learn what we offer in the areas of research related to fluid and energy systems, water resources, hydrogen and biogas production, advanced sustainable transportation, resilient infrastructures, clean air, thermal control, solar energy, etc., all with the goal of achieving sustainability.