

**UC SANTA BARBARA**  
College of Engineering







College of Engineering has  
five undergraduate majors:

Chemical Engineering  
Computer Engineering  
Computer Science  
Electrical Engineering  
Mechanical Engineering

Bioengineering and Materials are  
graduate programs only.

These fields incorporate faculty  
from many STEM disciplines.



# Engineering II

- Houses the departments of Materials, Mechanical Engineering, & Chemical Engineering
- Includes classrooms, lab spaces, & faculty offices







College of Engineering

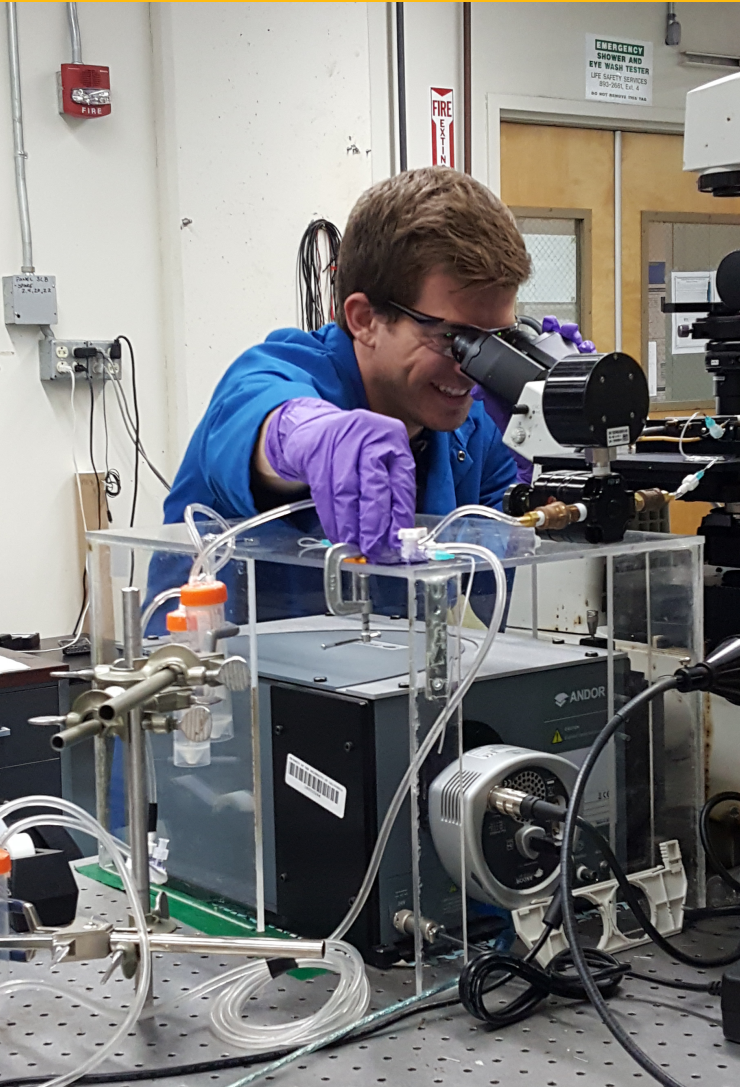


Graduate students from the Mostofi Group, department of  
Electrical and Computer Engineering

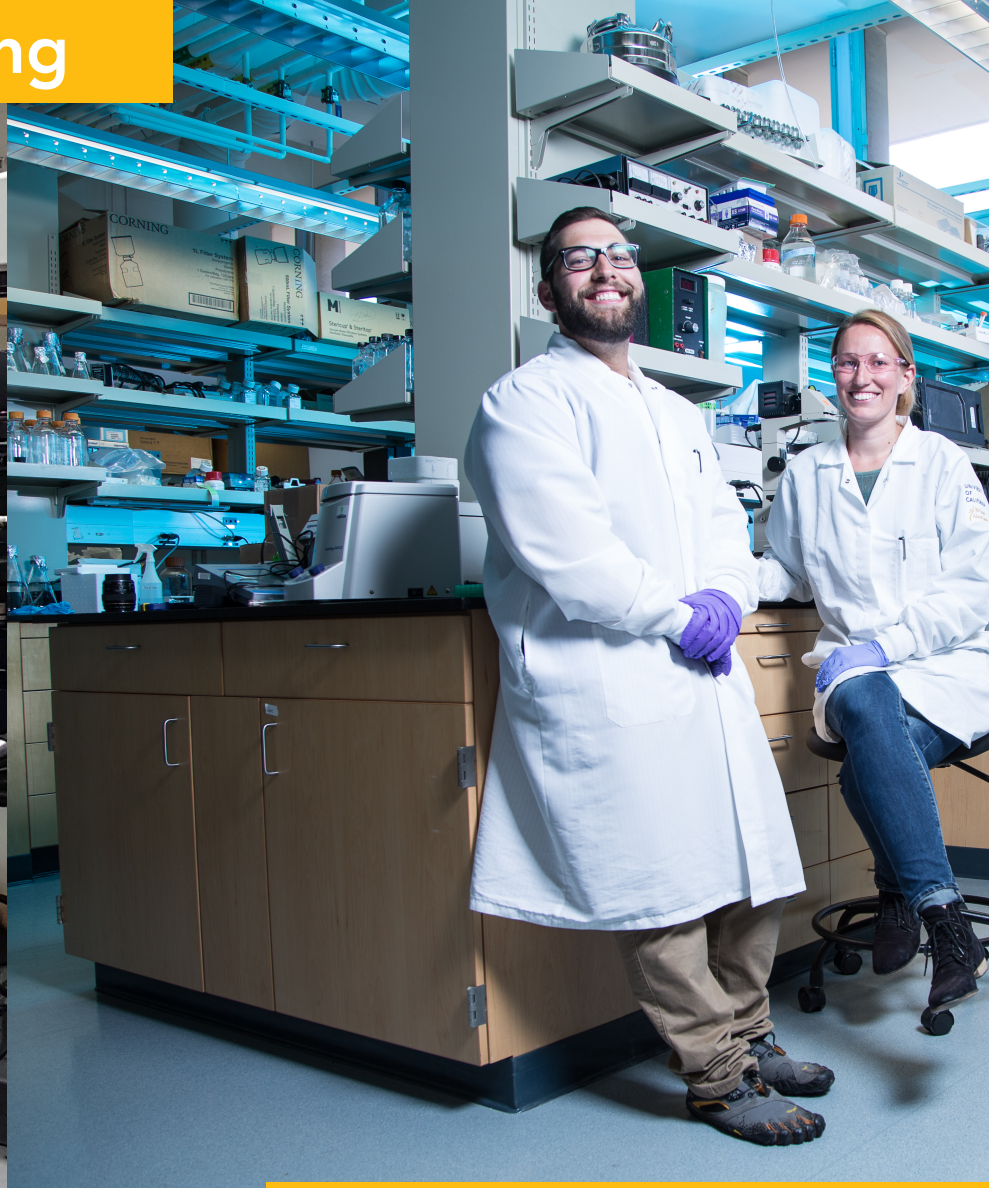
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# Chemical Engineering



**The Helgeson Lab:** Soft matter design and processing

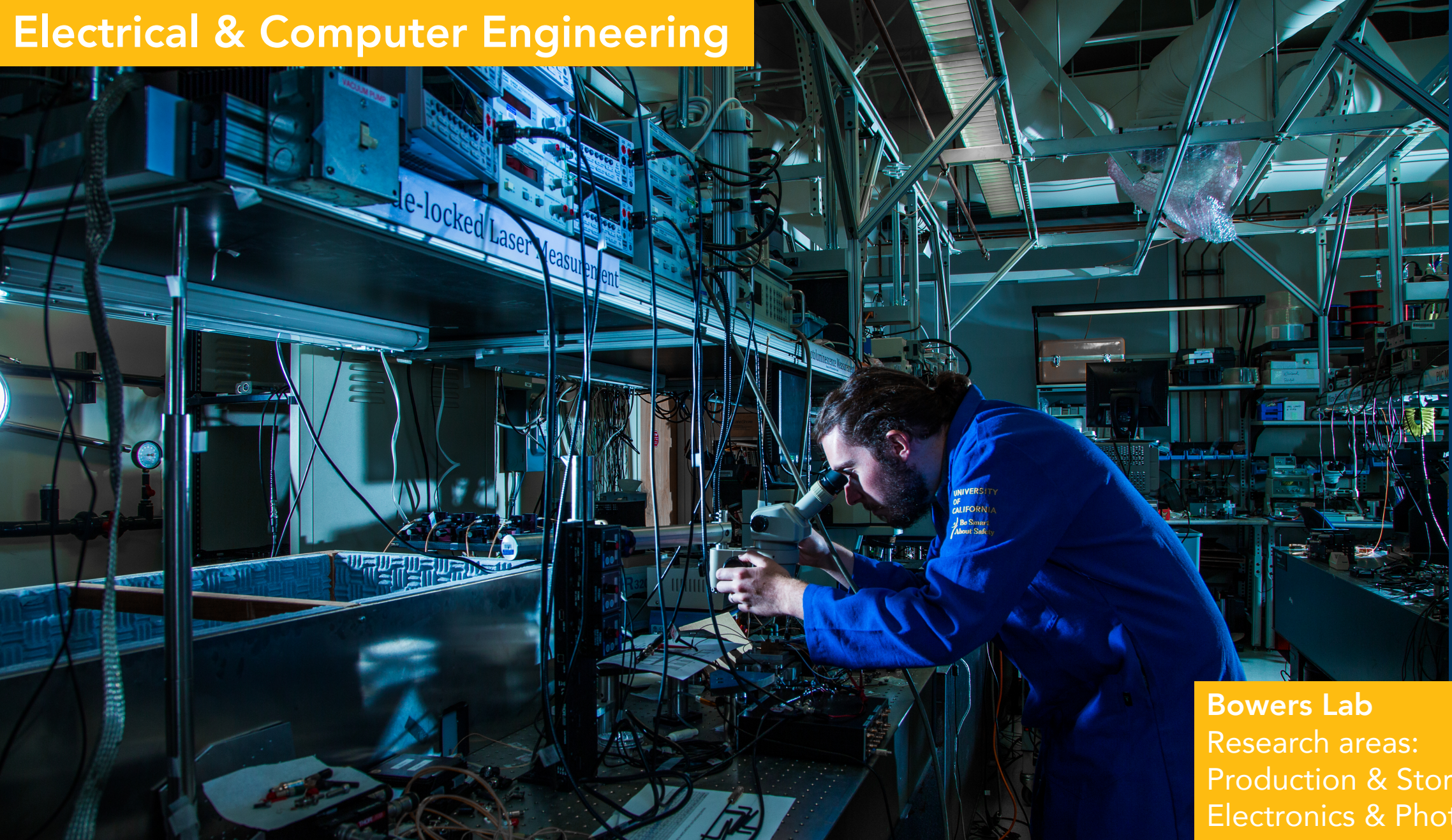


**The O'Malley Lab:** engineers protein synthesis and manipulates cellular behavior for biomedical and environmental applications



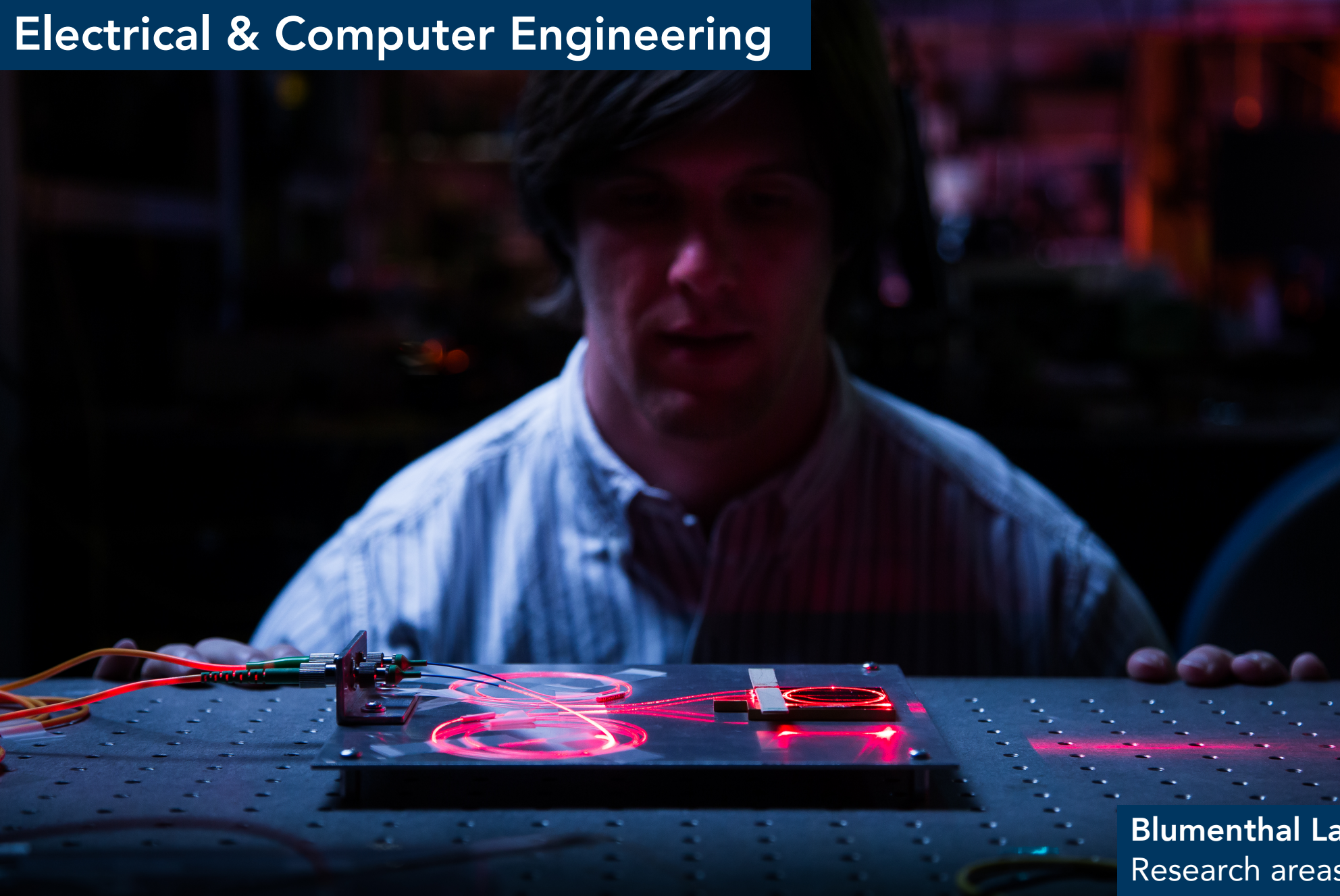
**The O'Malley Lab**





**Bowers Lab**  
Research areas:  
Production & Storage  
Electronics & Photonics

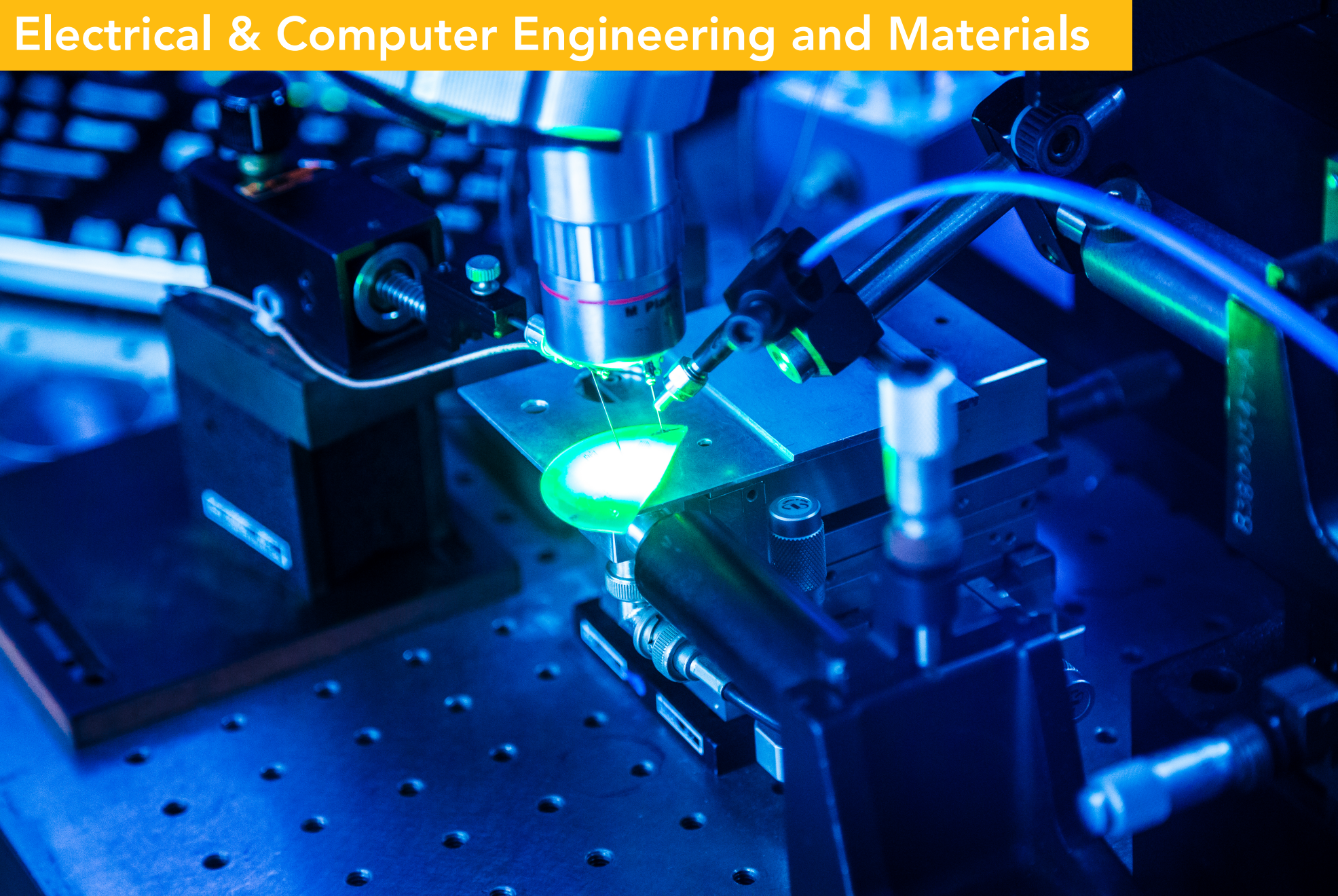




**Blumenthal Lab**

Research areas: Electronics & Photonics

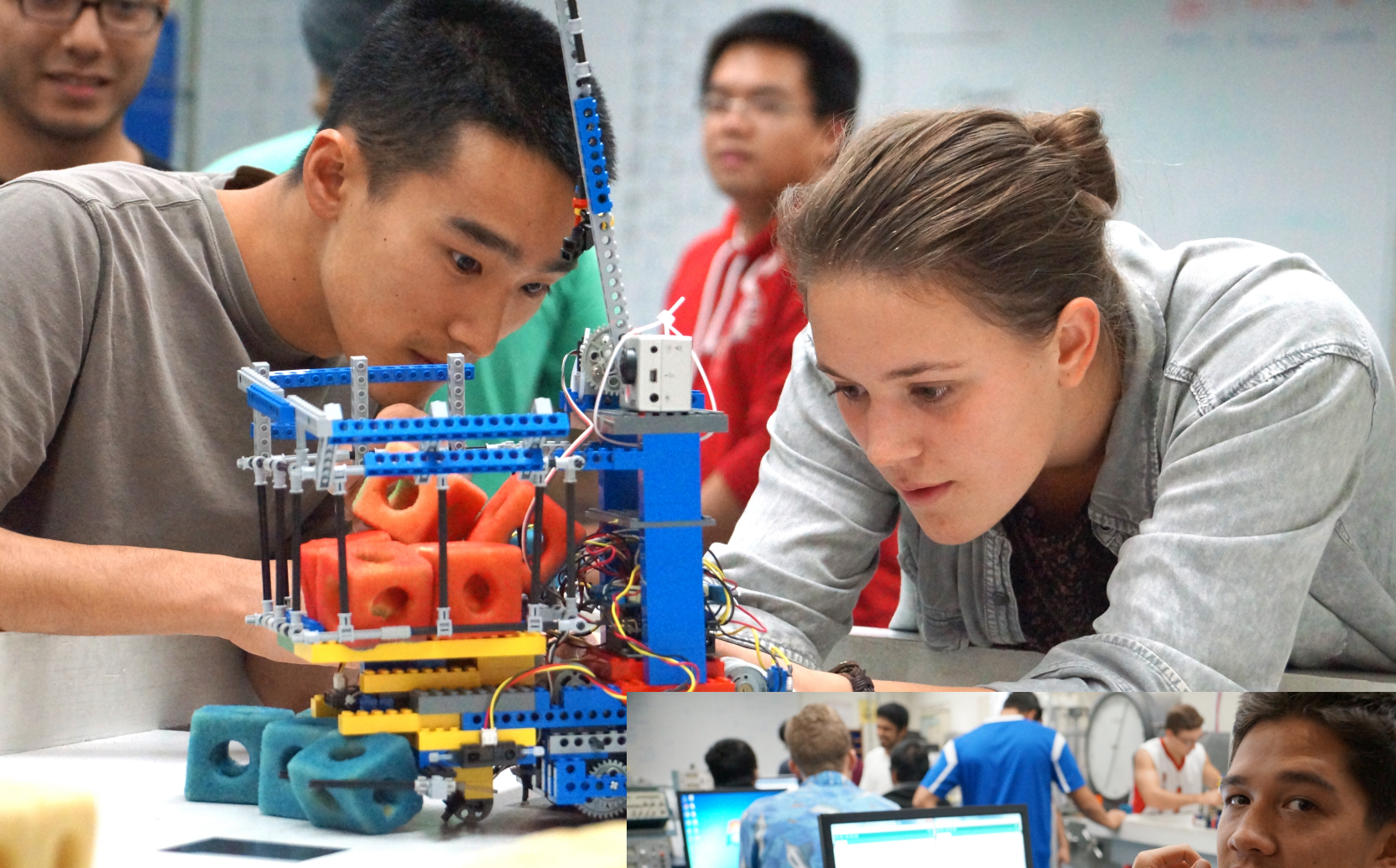




## Denbaars Lab

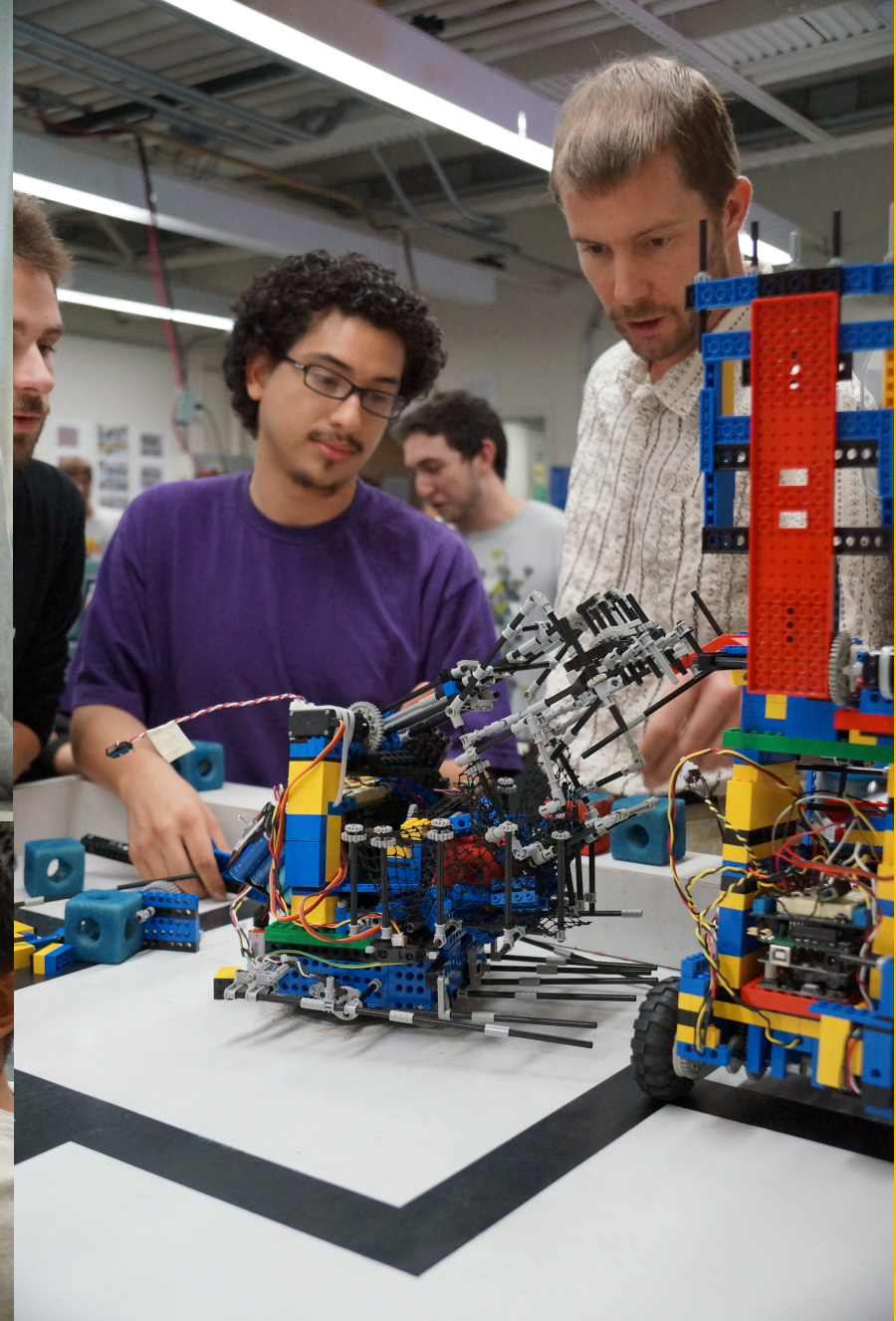
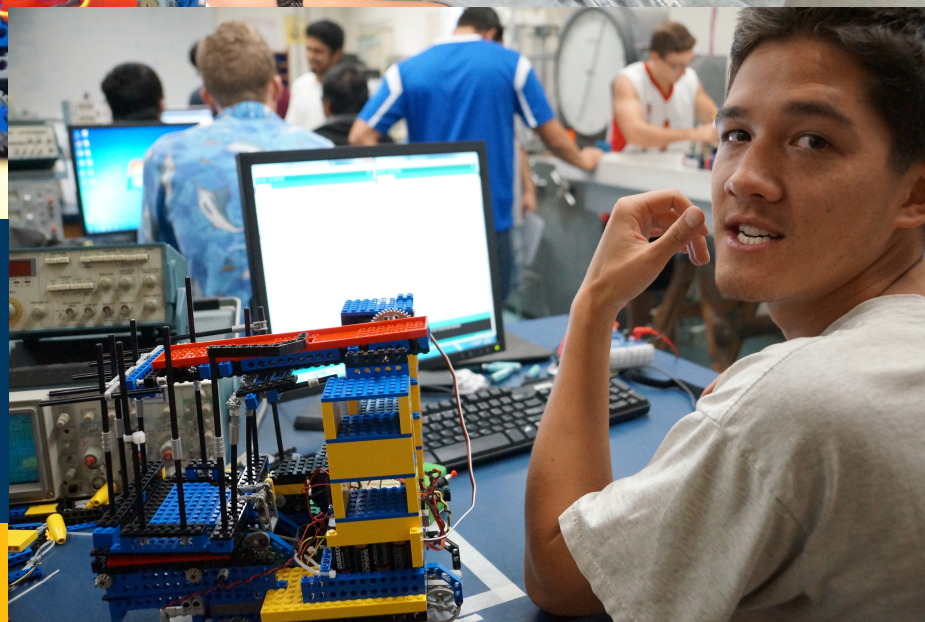
Picture features research project being conducted by postdoctoral researcher Michel Khoury.





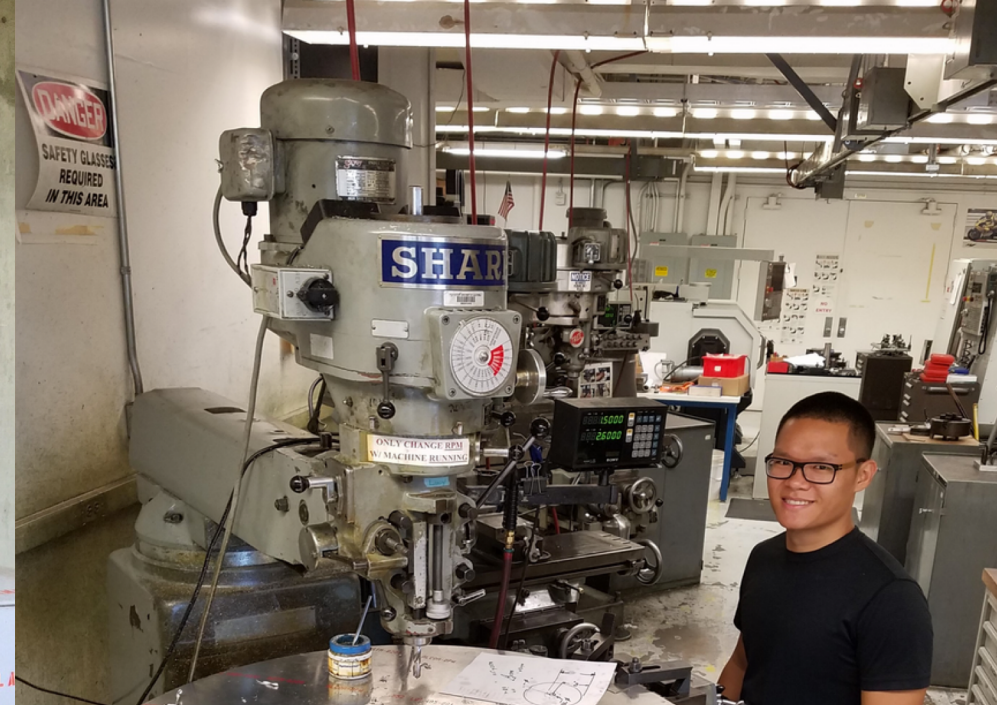
Lego Robo Rats—design project in Mechanical Engineering 179L Intro to Robotics: Design Lab

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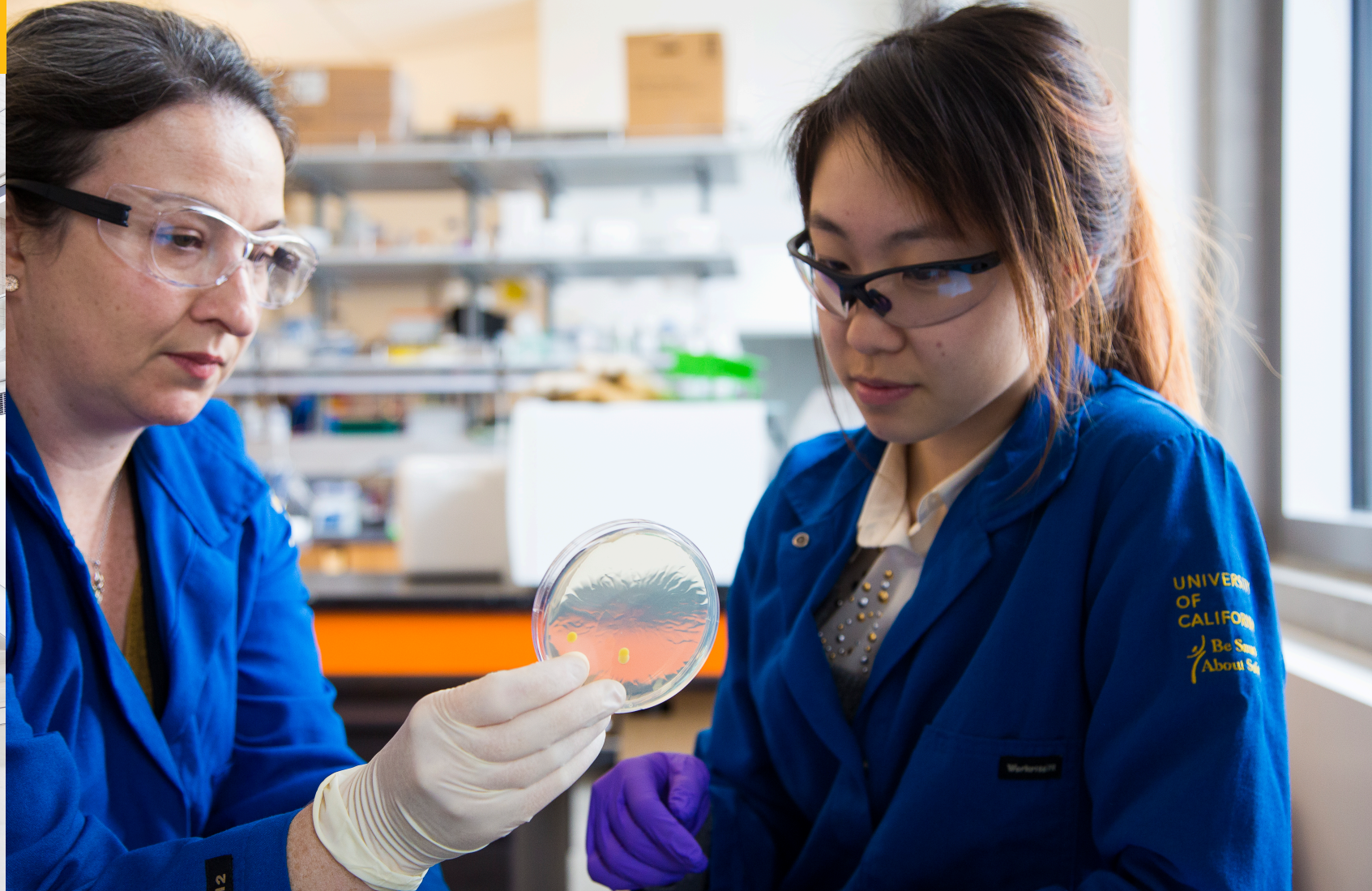


The COE Machine Shop  
All Mechanical Engineering  
students are required to take a  
course introducing them to the  
tools & skills needed in the shop.





# Bioengineering Building



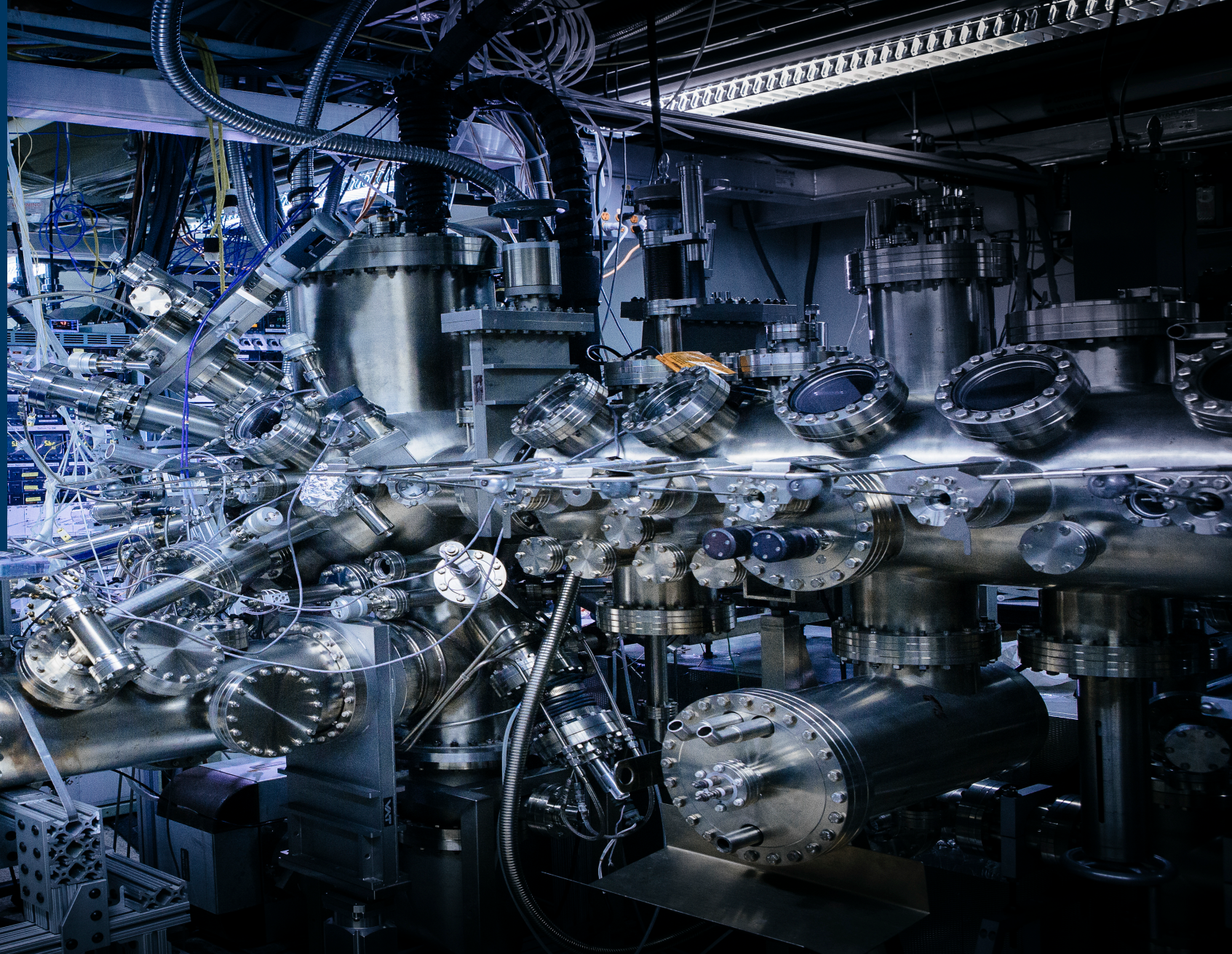
Postdoctoral fellow in the Chen Laboratory Group (research applications in Bioengineering) works with a Biopsychology undergraduate student on lab research.



# Molecular Beam Epitaxy Lab

Department of Materials

Quantum dot lasers for UC  
Santa Barbara's Institute for  
Energy Efficiency programs are  
being grown.





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