



Professional Development at BCOE

Jun Wang

Professional Development Officer

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Professional Development Officer

- Supervise and facilitate all professional engineering student organizations at BCOE
- Organize and host all special events, e.g. outreach events, research conferences, etc.
- Assist students on career development, e.g. resume writing, interview skills, work-study, internship, and full time work opportunities.
- Oversees all undergraduate research programs in engineering fields.

Professional Student Organizations

- BCoELC (Leadership Council)
- ACM (Association of Computing Machinery)
- AIChE (American Institute of Chemical Engineers)
- AWMA (Air and Waste Management Association)
- ASME (American Society of Mechanical Engineers)
- BMES (Biomedical Engineering Society)
- EWB (Engineers Without Border)
- IEEE (Institute of Electrical and Electronics Engineers)
- MRS (Materials Research Society)
- NSBE (National Society of Black Engineers)
- SHPE (Society of Hispanic Professional Engineers)
- SAE (Society of Automotive Engineers)
- SWE (Society of Women Engineers)
- TBP (Tau Beta Pi) – Honors Society
- SACNAS (Society for Advancement of Chicanos and Native Americans in Science) – **NEW**
- ION (Institute of Navigation) – **NEW**
- OSA (Optical Society of America) – **NEW**

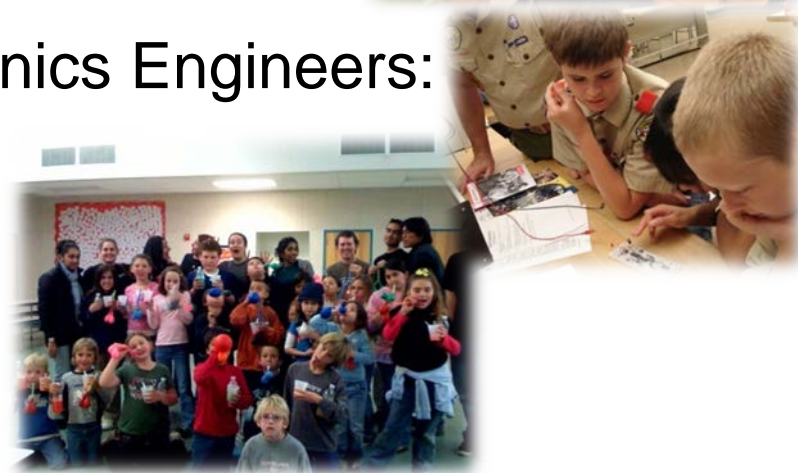
Professional Activities

- › Leadership Training (late September)
- › Fall Welcome (early October)
- › Engineering Week (late February)
- › Regional and National Conferences
- › Alumni and Career Connection Events
- › Engineering Design Competition
- › International Projects Competition
- › and many more...



Major Outreach Activities

- Bourns College of Engineering & Girl Scouts Summer Camps:
 - “Minds for Design”
 - “Engineer IT Girl – Robotics!”
- Society of Women Engineers (SWE):
 - Bourns Space Science and Engineering Day
 - “WOW! That’s Engineering” Day
 - Read Across America Day
- Institute of Electrical and Electronics Engineers:
 - Merit Badge Fairs
- Biomedical Engineering Society:
 - Kids Klub for elementary students



ACM & IEEE Outreach Activities



ACM Professional Activities



acm International Collegiate
Programming Contest

IBM event
sponsor

➤ ACM Southern California Regional Programming Contest at RCC



ASME HPV Competition



SAE Formula Car Competitions



SWE Space Sci and Eng Day



Diversity Professional Conferences



Engineers Without Borders



A group of students in a computer lab. A man in a blue shirt is presenting to a group of students. A poster titled "SUPER-RESOLVED FACIAL TEXTURE UNDER CHANGING POSE AND ILLUMINATION" is visible on the wall.



Undergraduate Research Programs

- UCLEADS – UC Leadership through Advanced Degree (<http://www.graddiv.ucr.edu/UCLEADS.html>)
- MSRIP – Mentor Summer Research Internship Program (<http://www.graddiv.ucr.edu/MSRIP.html>)
- CAMP (<http://www.camp.ucr.edu/opps.html>)
- MY-BEST Program (<http://www.engr.ucr.edu/mybest/>)
- CE-CERT Research Center (<http://www.cert.ucr.edu/>)
- Summer REU Programs (<http://www.engr.ucr.edu/urop>)
- CCRAA/HSI Undergraduate Research Program



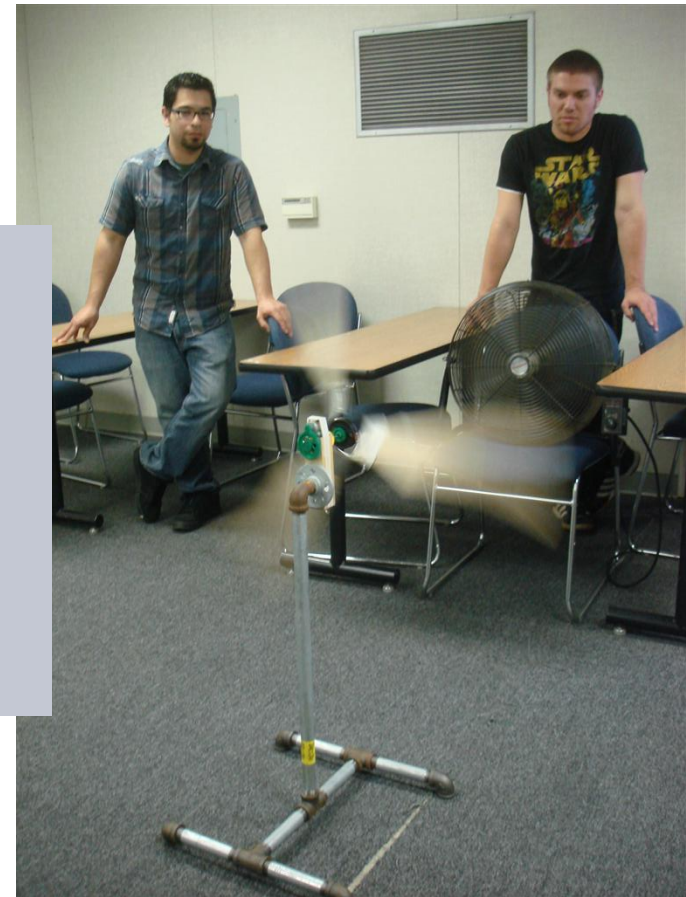
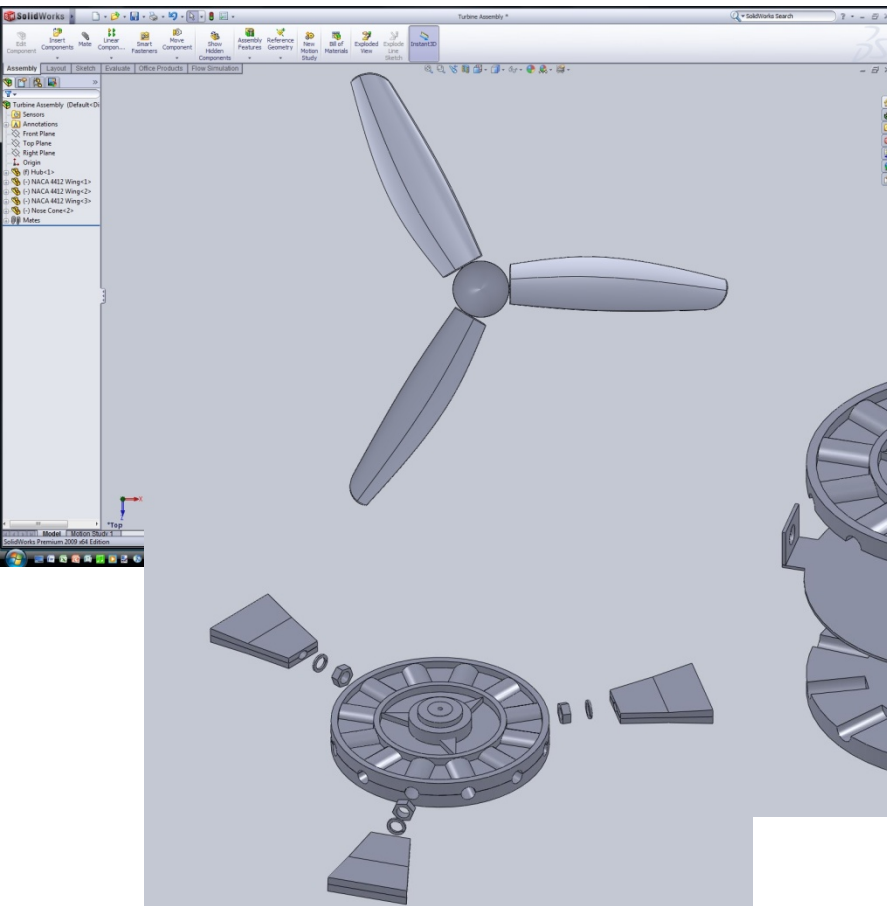
IMPACT Mentoring Program

- IMPACT - Industrial Mentorship for Professional Advancement and Career Training
- 35 professional engineer mentors from top engineering companies / organizations

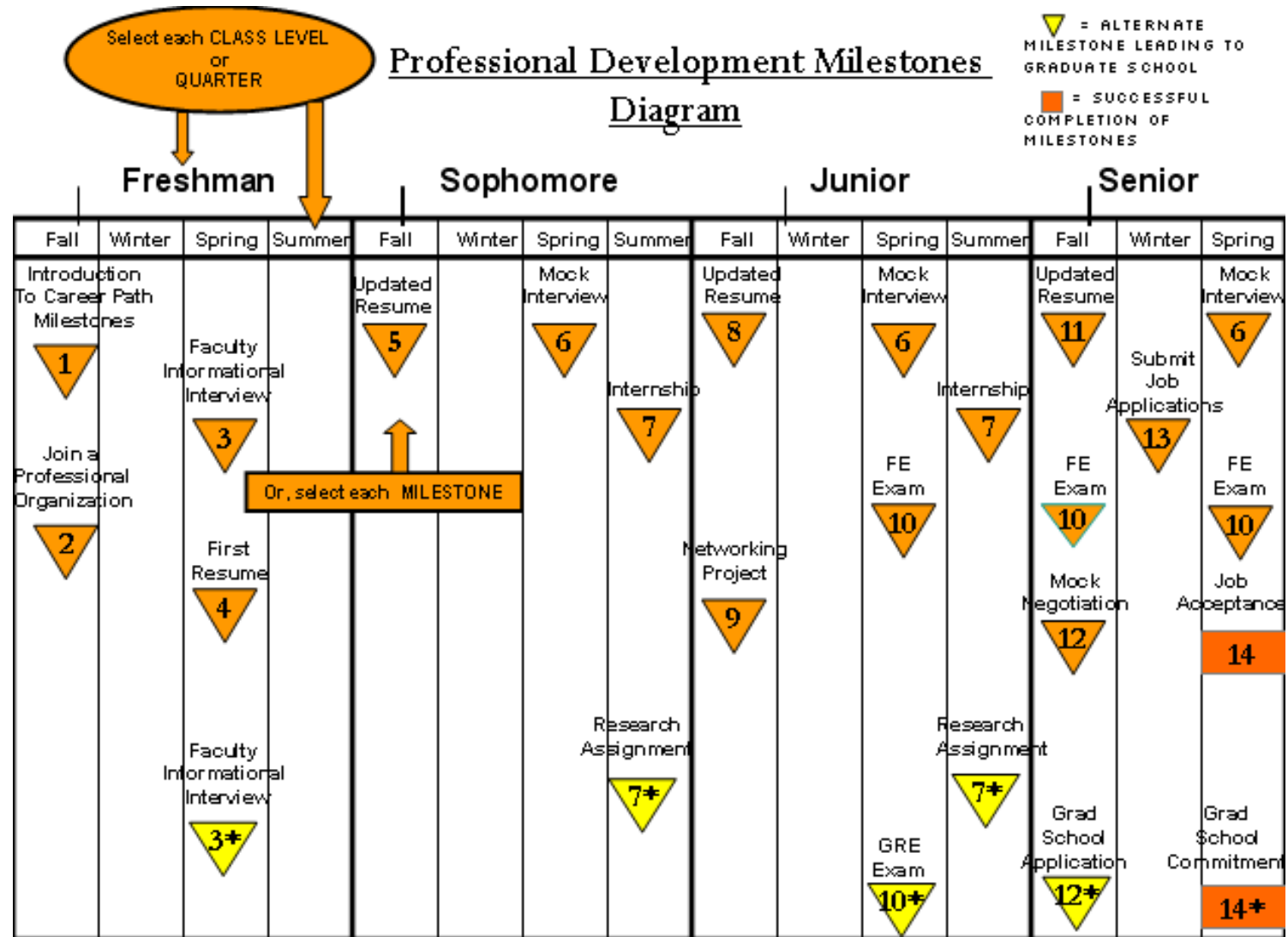


Engineering Design Project

► Wind Turbine Design & Modeling



Engineering Career Development



Employment Status

AVERAGE SALARIES BY COLLEGE



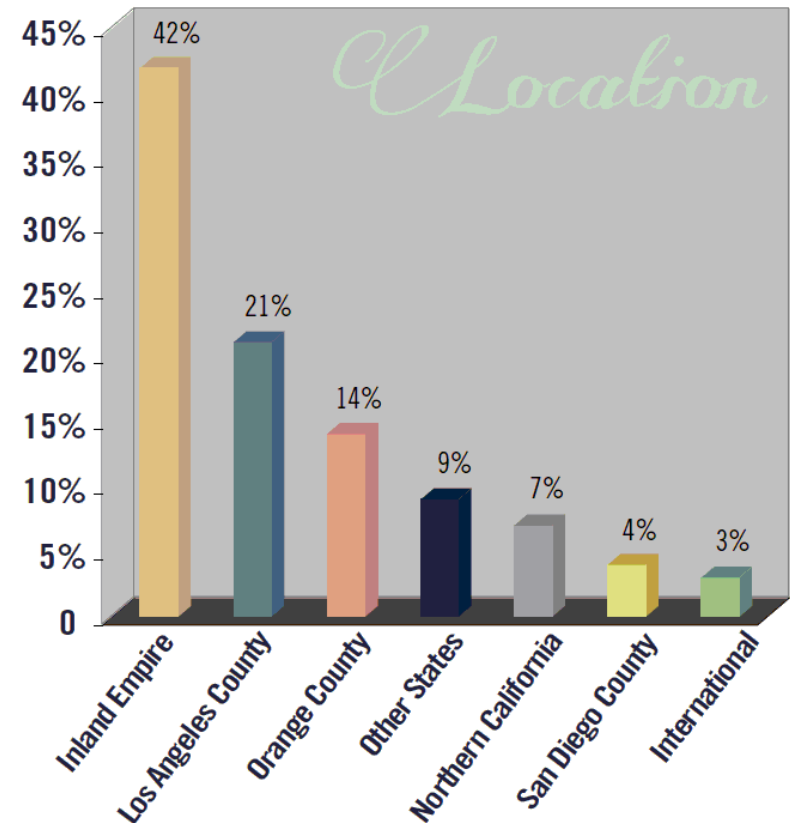
BCOE: Bourns College of Engineering
CHASS: College of Humanities, Arts & Social Sciences
CNAS: College of Natural & Agricultural Sciences
SOBA: School of Business Administration
GSOE*: Graduate School of Education

**Masters and Doctorate Graduates Only*

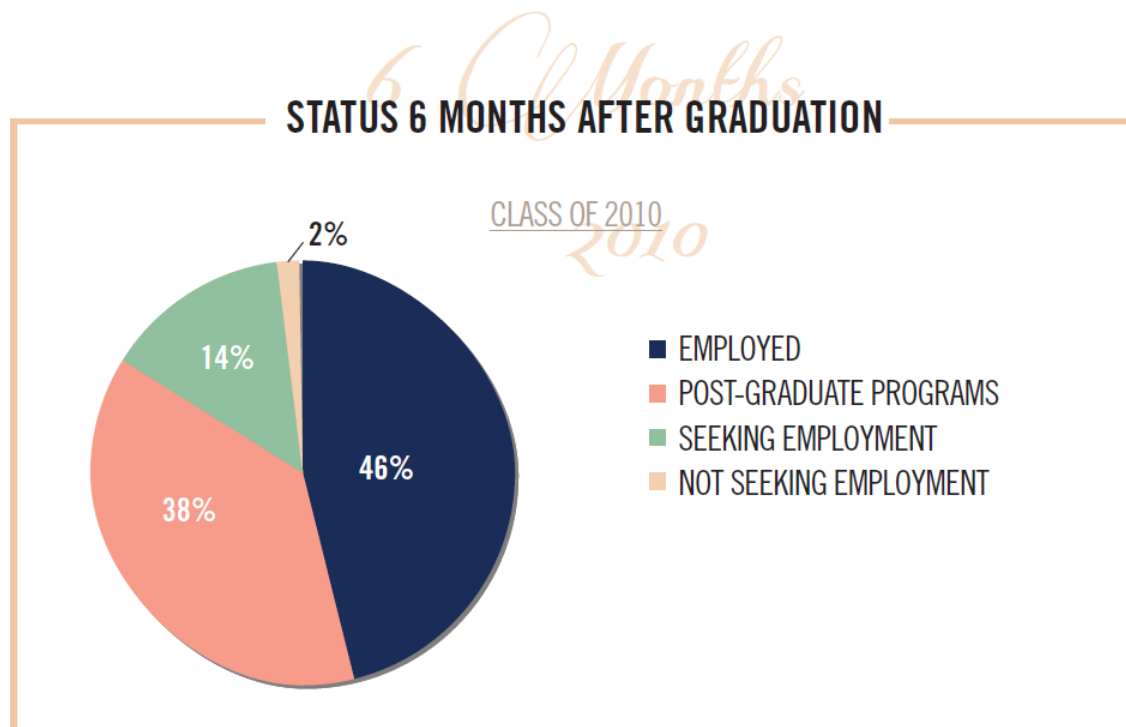
Average Undergraduate Salary: \$41,082

Average Graduate Salary: \$70,701

LOCATION OF EMPLOYMENT



Status 6 Months After Graduation



Employment After College :

70.6% of students seeking employment had secured a position within six months after graduation.

Career Opportunities



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