

External Relations in The Department of Electrical & Computer Engineering

AMANDA STEIN, DIRECTOR

WINTER 2015



A. JAMES CLARK
SCHOOL OF ENGINEERING

External Relations Team

- **Dr. Rama Chellappa, Chair of ECE Department**
- **Amanda Stein, Director**
 - Relationship Building & Community Outreach
 - Corporate Relations/Corporate Affiliates Program
 - Individual Giving
 - Advisory Board
 - External Relations Management
- **Carrie Hilmer, Coordinator**
 - Creation of Marketing Pieces
 - Student Coordination
 - Public and Media Relations
- **Jasmine Cooper, Program Management Specialist**
 - Event Coordination/Logistics
 - Administrative Tasks
 - Research
- **Jennifer Schwartz, Kristen Palumbo, Leslie Borak & Sammy Popat- Clark**
School External Relations



Main Areas of Focus within External Relations

- **Fundraising**

Individual: alumni, parents, faculty, friends/other

Corporate: Corporate Affiliates, other companies, career services (in conjunction with Engineering Career Services)

Prospecting/Discovery

Stewardship

- **Events**

- **Student Engagement (Grad and Undergrad)**

- **Marketing**

Print Materials (mailings, event pieces, department collateral)

Digital (social media, e-newsletter, email invitations)

- **Public Relations**

Website

Articles (department news, faculty articles)

Press



We had a busy Fall 2015...

- September 11th- ENEE101 Lab Dedication with Texas Instruments
- September 18th- 2015 Distinguished Alumni Awards Luncheon
- September 25th- Leidos Team Internship Program Showcase
- October 2nd- “Back to School Night”
 - Over 50 families attended
 - Mailing sent out to all parents
- November 13th- Career Fair
 - 42 companies attended



In addition to...

- October- Presentation Skills Seminar
- All Girls Hackathon- “Technica”
- 8 Booz Allen Hamilton Colloquium Speakers
- Company visits, “tech talks”, “lobby days”





Spring 2016 Planned Events

- March 22nd - Spring Career Fair (evening)
- End of March- Satellite/Communications Panel Event and Discussion
- April- Bitcamp
- April- GSA Industry Panel
- May- 2016 Distinguished Alumni Event
- May 2016- URF presentation
- May 19th - Graduation Reception & Parents Event
 - Mailing to Parents of Graduating Seniors
 - Approx. 100 parents/students/faculty



In addition to...

- 8 Booz Allen Hamilton Colloquium Speakers
- Presentation Skills Seminar
- Entrepreneurship Seminar
- Company visits, “tech talks” and “lobby days”



Corporate Relations

- **21 Corporate Affiliates (3 new in Fall 2015)**
 - MS/PhD fellowships
 - Student and Faculty research
 - Undergraduate scholarships
 - Recruitment efforts
 - Gift in Kind
 - Etc...
- **9 Undergraduate research projects, sponsored by 4 companies**
- **Proposals Pending**
 - Cisco (joint with MC2)
 - Communications Electronics
 - NSA
 - Facebook (joint with CS)



Individual Giving

- Gift to renovate Lab 307 from Jimmy Lin Trust/Friends
- 3 new scholarships in ECE
- Endowment in honor of retirement of Prof. Granatstein
- Gift toward faculty research funds
- Sponsorships of UTFs/URFs/Masters Fellowships from Individuals



Priorities of ECE

- **Undergraduate Teaching Fellowships (UTF)-**

Students awarded a UTF are selected to work with a professor teaching a lower level course. UTFs will spend approximately 12 hours per week helping grade assignments/tests, working with students in the lab, and helping present content.

- **Undergraduate Research Fellowships (URF)-**

Students awarded a URF are chosen to work with a faculty member on a specific, cutting edge research project throughout the semester. This allows students to become experts in a specific subject matter. URFs will spend approximately 12 hours per week working on their research experience.

- **Graduate Fellowships-**

Students in ECE's Masters of Engineering and PhD programs are eligible for fellowships. Fellowships allow students to take a hand-on approach to their studies, and work on applied research. Students awarded with Fellowships work with faculty members throughout their program in a particular subject area. Students often help with complex research problems, and teaching classes and labs



Priorities of ECE

- **Lab Improvements-**

To keep up with technological trends, advancement in industry, and to remain competitive with other top institutions, the leadership of the ECE Department has committed to making necessary lab improvements on an on-going basis.

- **Scholarships-**

The ECE Department is fortunate to be able to offer some our talented undergraduate students scholarships to help offset the cost of their education. Providing scholarships allows the Department to be competitive in recruiting the best and the brightest students. Scholarships also provide the opportunity to low-income students to have an affordable college education. Most scholarships are created from generous gifts donated by alumni, friends and companies.

- **Faculty Research –**

With over 60 tenured track faculty within ECE, faculty research is an important part of growing the Department.



!NEW! Priorities in ECE

- **Electric Vehicle Formula Competition**
- **Lab renovations- 12 undergraduate labs**
 - 2 gifts



Labs

- ENEE101- Discovery Lab
- ENEE205- Electronics Circuits
- ENEE245- Digital Circuits and Systems
- ENEE307- Electronic Circuits and Design Lab
- ENEE407- Microwaves Lab
- ENEE417- Microelectronics Design Lab
- ENEE428- Communications Design Lab
- ENEE445- Computer Lab/Capstone Design Project
- ENEE461- Controls Lab
- ENEE473- Electronics Machine Lab
- ENEE486- Opto- Electronics Lab



Connections



CONNECTIONS

DEPARTMENT of ELECTRICAL & COMPUTER ENGINEERING
A. JAMES CLARK SCHOOL of ENGINEERING



Discovering electrical &
computer engineering:
ONE MODULE AT A TIME

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Thank You!

Questions??

**TOUR OF ENEE101
LAB**



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