

School of EECS

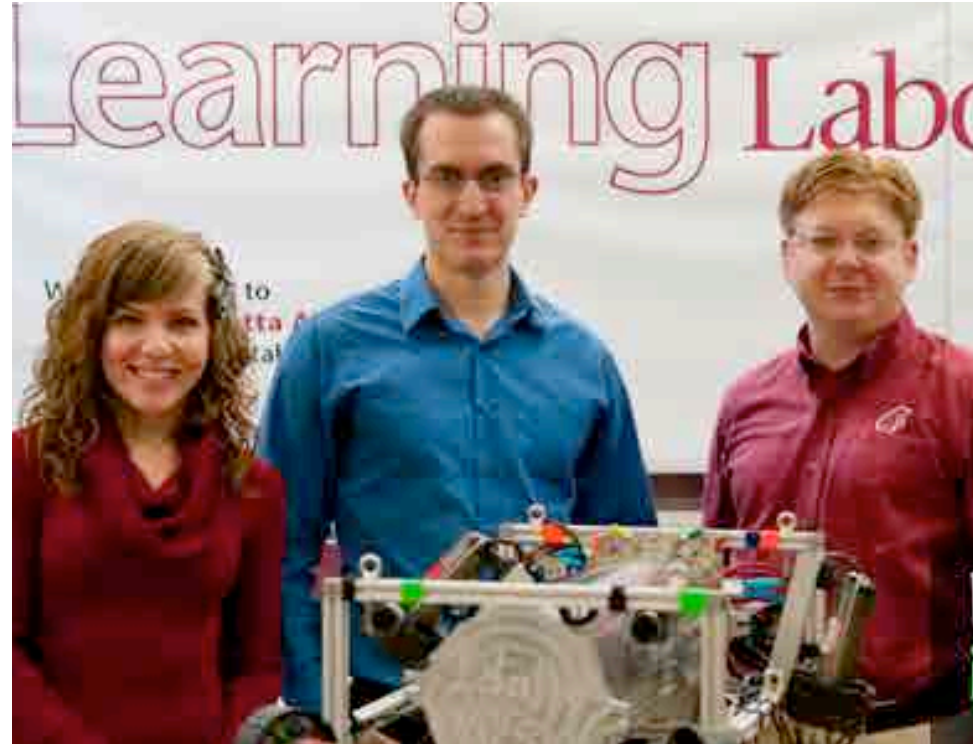
ANNUAL RETREAT – AUGUST 2015

AGENDA

08:00 – 08:30	Continental Breakfast	
08:30 – 10:00	State of EECS	Shirazi
10:00 – 10:15	Break	
10:15 – 11:30	School-wide issues	Shirazi
11:30 – 12:00	ABET – School-wide issues	Hundhausen
12:00 – 12:30	Group Photo	Sandmeyer
12:00 – 12:30	Lunch	
12:30 – 14:30	Breakout sessions	
	CptS Curriclum issues.....	Hundhausen and Kalyanaraman
	EE-CptE Curriculum issues.....	Sivakumar and Delgado- Frias
14:30 – 14:45	CptS Breakout Outcomes	Kalyanaraman
14:45 – 15:00	EE-CptE Breakout Outcomes	Sivakumar

ANNOUNCEMENTS

- ❑ Staff changes:
 - Gwen Kyлло – Administrative Manager
 - Barbara Lyon – Fiscal Specialist II (Office front desk)
 - Preston Comstock – Fiscal Specialist for ESIC/Power area
- ❑ Jabulani Nyathi resigns – new search underway (EE-Everett)
- ❑ President Floyd Celebration of Life Event
 - August 26th, 3-5 PM, Beasley Coliseum
- ❑ Ice Cream Social: 3-5 PM, August 27th, ETRL Courtyard
- ❑ WSU EECS Student Club Night, Sept 1st, Sloan 175



SCHOOL-WIDE TOPICS

EECS STRATEGIC PLAN

- ① Focus on and establish top-tier national rankings in the high priority research areas of Power Engineering and Microelectronics in EE and Data Science and Machine Learning in CS
- ② Establish strategic partnerships with industry and national labs to promote internships, job opportunities, and collaborative research
- ③ Promote experience-enhanced undergraduate education
- ④ Focus on expanding our graduate programs by recruiting high-quality PhD students

UNIVERSITY STRATEGIC RESEARCH AREAS

- ❑ Sustaining Health: The Uncompromising Pursuit of Healthier People and Communities
- ❑ Sustainable Resources for Society: Food, Energy, and Water
- ❑ Advancing Opportunity and Equity
- ❑ Improving Quality of Life through Smart Systems
- ❑ Fundamental Research in Support of National Security

2015-16 FACULTY HIRING PLAN

- ❑ Machine Learning
 - Assistant Prof
- ❑ Data Science
 - Full or Associate Prof.
 - 2 Assistant/Associate Prof.
 - 2 positions occupied by temporary appointments (Tosic, Lockwood)
- ❑ Software Engineering
 - Full or Associate Prof.
 - Clinical at Everett
- ❑ Electrical Engineering
 - 2 Assistant Prof. – Microelectronics/Comp Eng
 - 2 Clinical at OC
 - Clinical at Everett (replace Nyathi)

TOPICS – SCHOOL-WIDE

- ❑ EECS Course Policies and Common Practices
- ❑ EE-OC (Bremerton)
- ❑ Java option (Pre-req's and language requirements in courses + 8-semester hour credit (Java-C))
- ❑ Data Science
 - University-wide Data Analytics degree
 - Focus on specialized areas (Global Health, Ag, etc)?
 - Predrag: How to design interdisciplinary data science courses, Role and input from industry, Developing interdisciplinary data science research
- ❑ VCEA Co-op/Internship Program – faculty mentors

TOPICS – SCHOOL-WIDE

- ❑ EE Enrollment
- ❑ Hiring adjuncts at Everett and Bremerton
- ❑ Diversity and Educational Initiatives, including Recruitment and Retention
 - Summer girls camp
 - Aspirations - State-wide program to engage female high school students in computer science
 - Making CptS 111 a UCORE
 - Making labs more friendly for women and minorities
 - Hire more role-model women faculty
 - Send more students to the Grace Hopper Celebration Conference
 - Better keeping track of attrition and why students leave our programs

TOPICS – SCHOOL-WIDE

- ❑ IT Support/Management
- ❑ Space
- ❑ NIAC/PNNL/HPC in Pacific Northwest
- ❑ Covering incremental salary increases for existing students from F&A funds
- ❑ Petition to provide tuition reduction for spouses of faculty
- ❑ Faculty need to cover the needs of the visiting scholars, postdocs, research fellows, etc, including space and equipment needs such as laptops/desktops
- ❑ Faculty groups need to balance 400- and 500-level course offerings between Fall and Spring

PHD QUALIFYING EXAM REVISITED

□ UCLA model

- Have the student write a paper
 - Intro to research area
 - Motivation for their research
 - Research goals
 - Research plan for achieving goals
- The paper will be judged by a panel of 3 faculty who will review it based on specific criteria
- To pass, the paper must be accepted by the panel

□ GSC Subcommittee to study and report to Director by Oct. 15th:

- Holder (Chair), Doppa, Ghasemzadeh, Pande, Venkatasubramanian