

Outline
 General updates New Leadership Faculty Awards Faculty Hiring Research Expenditures Student Statistics Student Teams Rankings Towards New Destinations Update Budget Update Facilities Update Cornell Tech Campus Update
CORNELL ENGINEERING

Associate Dean for Academic Affairs Cornell NYC Tech Campus



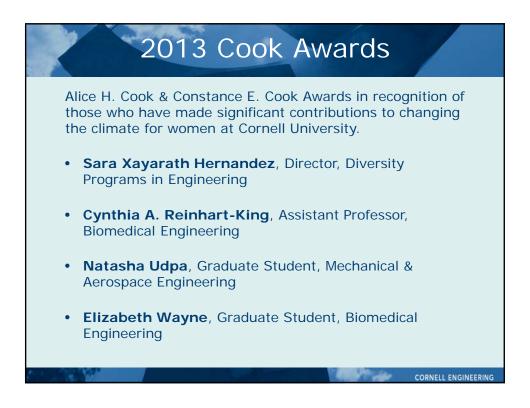
Rajit Manohar Professor Electrical and Computer Engineering

- Joined Cornell in 1998.
 - Degrees received
 B.S. (1994), M.S. (1995), Ph.D. (1998) in Computer Science, California Institute of Technology
- Research Focus – Asynchronous design
- Manohar will serve as a half-time faculty member at Cornell Tech and half time at Cornell in Ithaca.

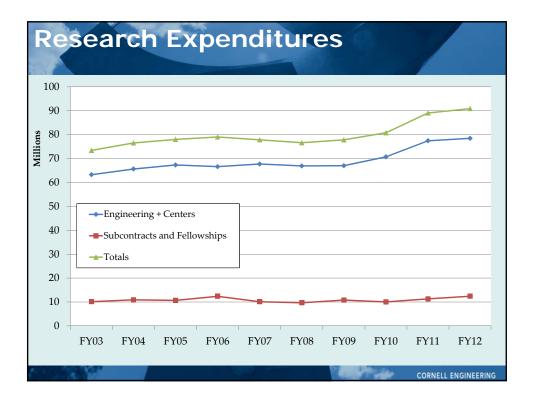
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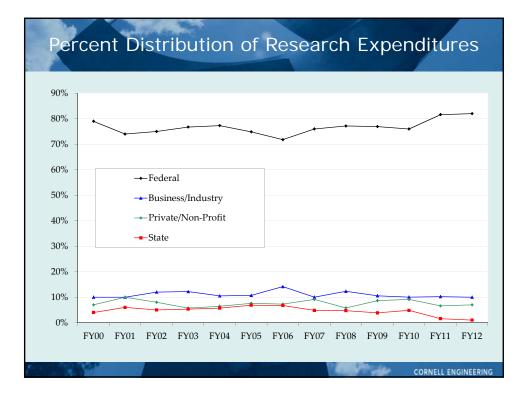


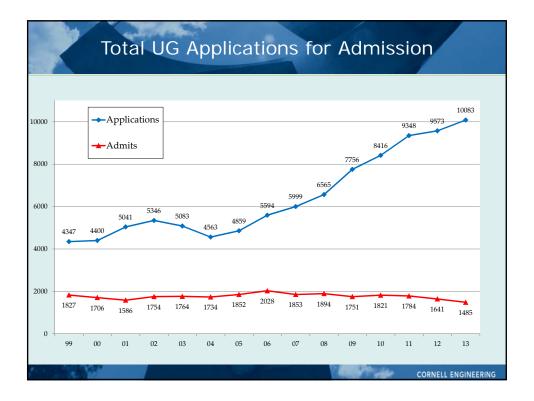


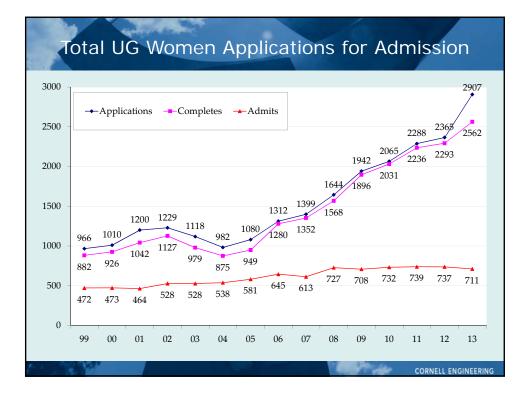


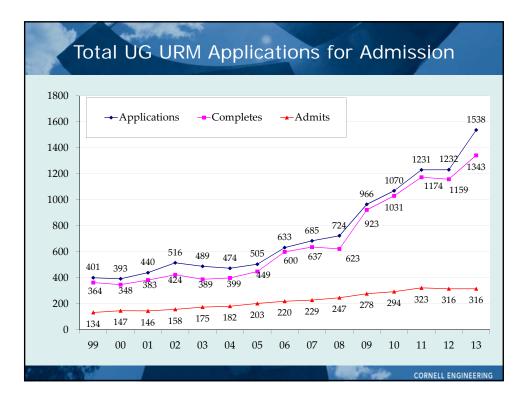
College of Engineering Faculty Hires									
Dep	partment	AY 20 <u>Men</u>	09-10 <u>Women</u>	AY 20 <u>Men</u>	010-11 <u>Women</u>	AY 20 <u>Men</u>	011-12 <u>Women</u>		
	AEP	0	0	1	1	0	0		
	BME	0.25	0	1	0	0	0		
	CEE	1	0	0	0	2	0		
N	CBE	1	0	0	1	0	0		
	CS	0	0	1	0	1	1		
	EAS	0	0	0	0	1	0		
	ECE	0	0	2	0	0	1		
	MSE	0	0	0	1	1	0		
	MAE	0.75	0	1	2	2	0		
	ORIE	0	0	0	1	3	0		
	Total	3	0	6	6	10	2		
					17	Photos .	CORNELL EN		

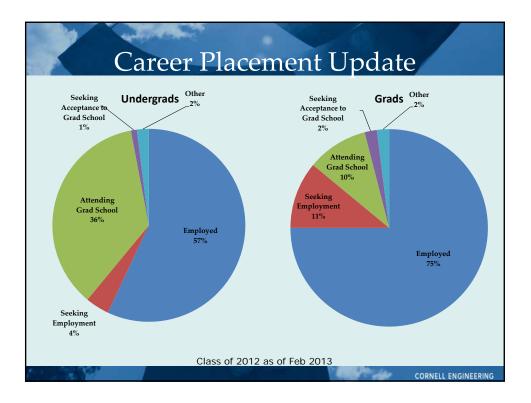




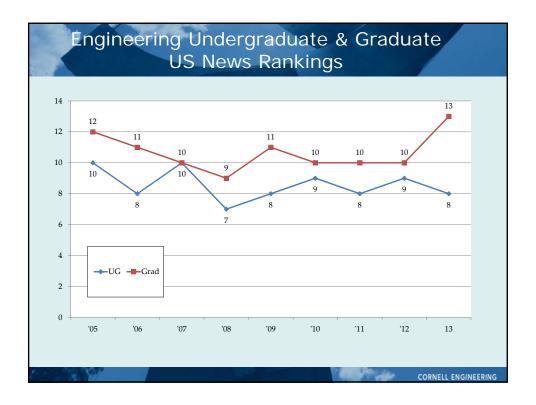






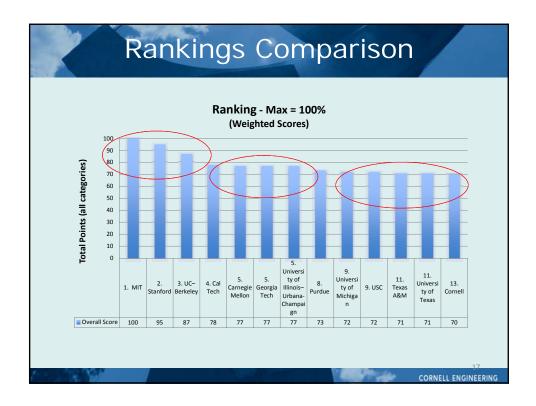






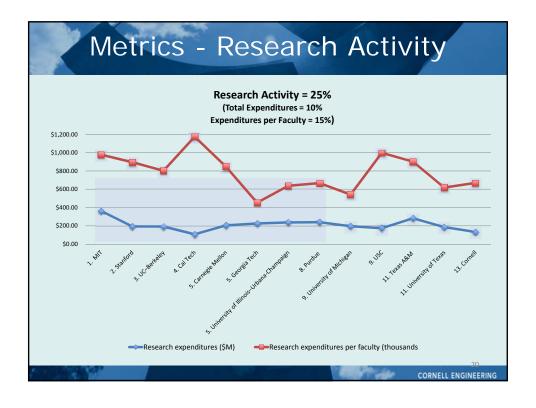
Cornell Engineering Graduate Program Specialty Ranking 2010 - 2013

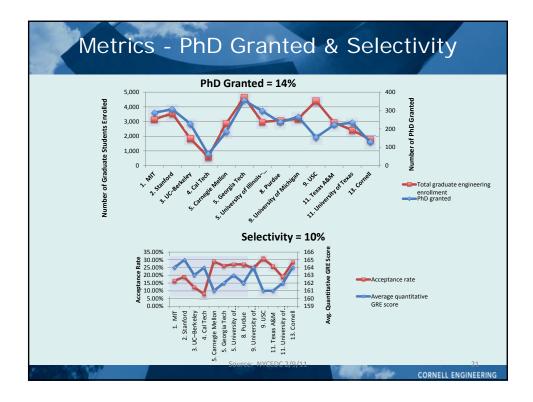
Year Rankings Released	2010	2011	2012	2013
College of Engineering	10	10	10	13
Aerospace	12	11	11	11
Bio/Agriculture	4	4	3	3
Biomedical	20	20	15	20
Chemical	13	13	17	16
Civil	10	10	8	10
Computer Engineering	NR	8	9	5
Electrical	9	9	9	7
Environmental	14	14	12	11
Industrial	8	8	10	7
Materials	8	8	10	7
Mechanical	8	8	9	9

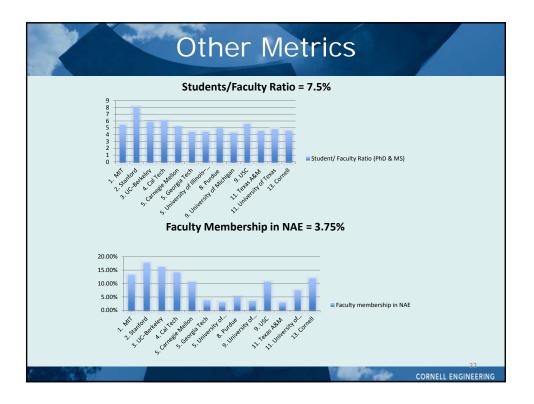


	College Ranking US News	7						
subtle fluc	complex formulas that meas	ure very						
• Metrics:	Metrics: Metric							
	Quality Assessment							
	-Peer Assessment (engineering deans)	25%						
	-Recruiter Assessment (corporate and company contacts) 15%						
	Student Selectivity	10%						
	-Mean GRE Quantitative Score	6.75%						
	-Acceptance Rate	3.25%						
	Faculty Resources	25%						
	-Student to Faculty Ratio	11.25%						
	-Percent Faculty in NAE	7.50%						
	-Doctoral Degrees Awarded	6.25%						
	Research Activity	25%						
	-External Research Expenditures	15%						
	-Research Dollars per Full-Time Tenured & Tenure Track	10%						
	Source: NWCEDC 2/9/11	18 CORNELL ENGINEERING						

			I	•	ecruit	ruiter er Ass Assess	essm	ent = 1	15%	%				
State Series 1										1				
Assessm	1.	міт	2. Stanfor d	3. UC– Berkele Y	4. Cal Tech	5. Carnegi e Mellon	5. Georgia Tech	5. Universi ty of Illinois– Urbana- Champa ign	8. Purdue	9. Universi ty of Michiga n	9. USC	11. Texas A&M	11. Universi ty of Texas	13. Cornel
Peer Assessment 5=highest		4.9	4.8	4.8	4.7	4.3	4.5	4.5	4.2	4.4	3.7	3.8	4.2	4.3
Recruiter Assessment 5= highest		4.8	4.6	4.6	4.5	4.2	4.3	4.3	4.1	4.1	3.8	3.8	4	4.1





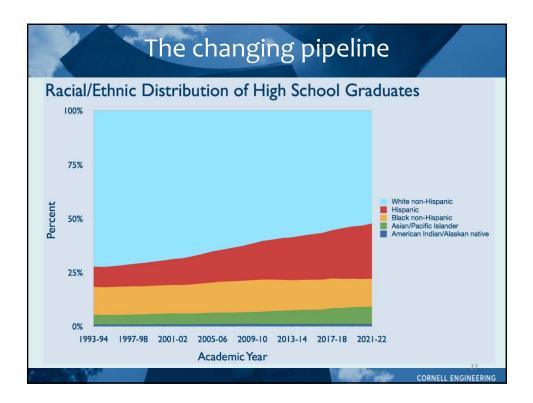


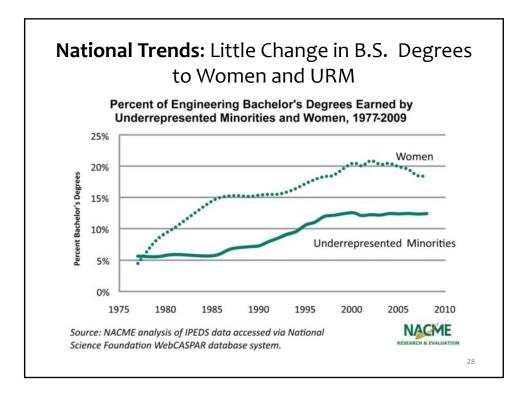


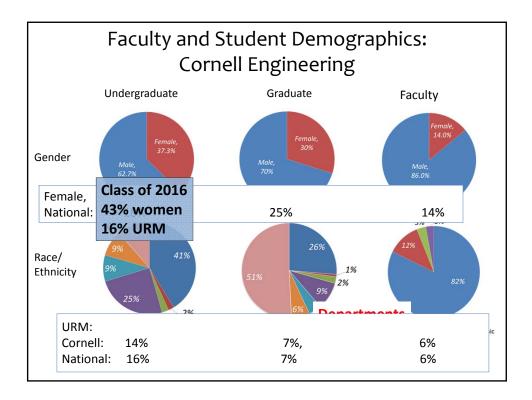




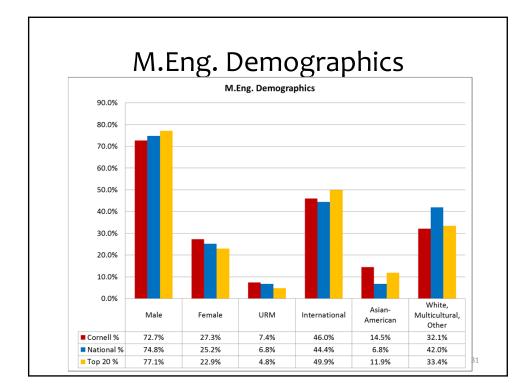


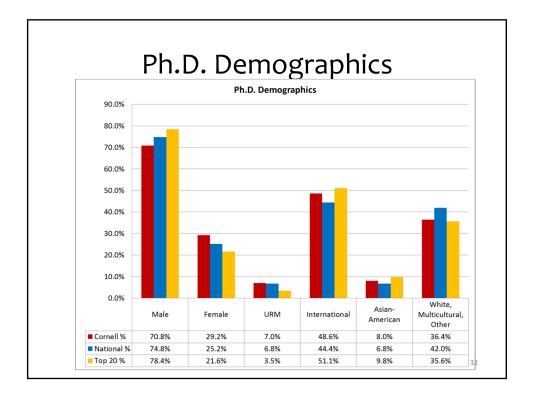


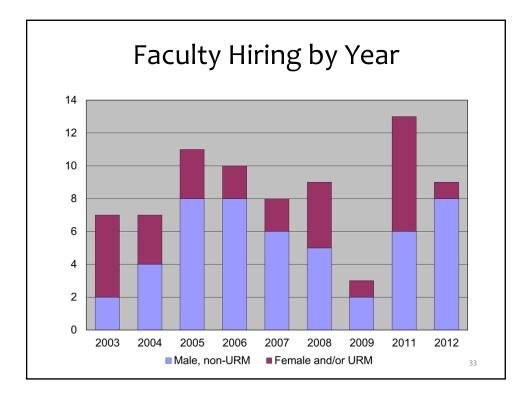


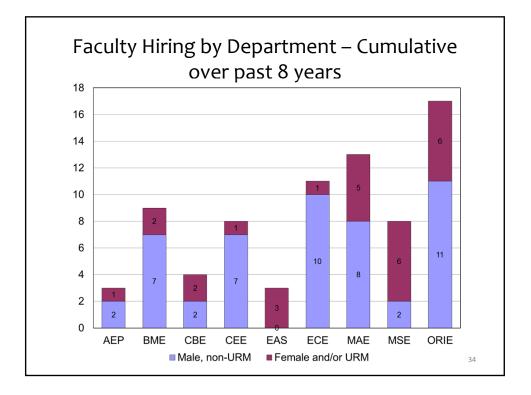


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Completion: clas	ss entered in	2006
	Bachelors: Engr	Bachelors: any Cornell major
Male	83%	90%
Female	80%	93%
URM	76%	85%
Intl.	82%	87%
Asian-American	88%	93%
White, Multicul	85%	93%
Overall	82%	91%



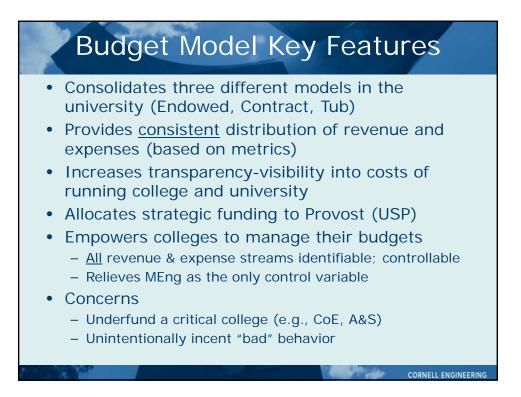


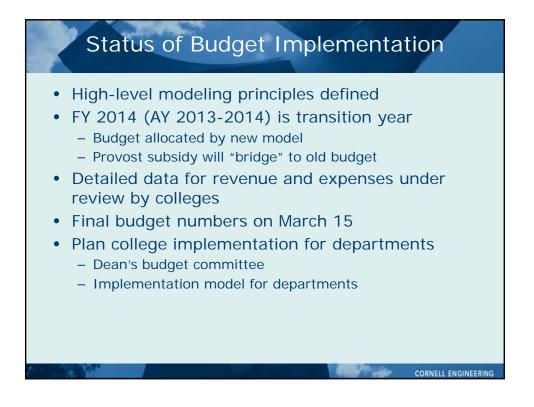


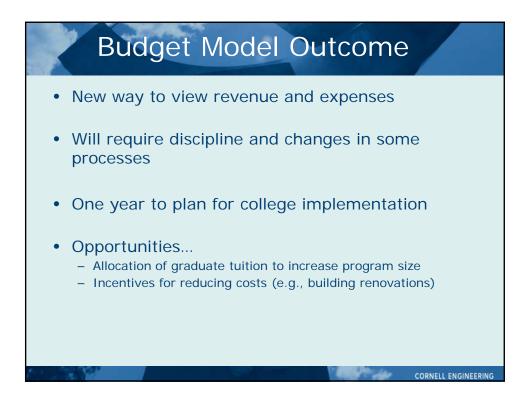




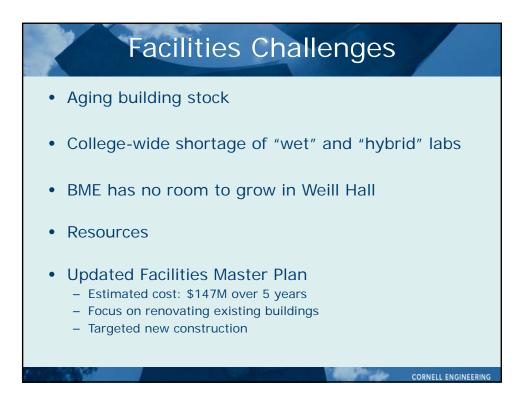








Prelimin	ary Budget
Resources:	
Tuition	\$ 133,221,922
Investment Returns	\$ 21,571,772
Gifts (restricted & unrestricted)	\$ 5,801,227
Sponsored Programs (incl. F&A)	\$ 57,360,463
Other	\$ 755,666
TOTAL:	\$218,711,050
Expenses:	
Salaries, Wages, Benefits	\$ 86,075,223
Financial Aid (grad & ugrad)	\$ 29,389,147
General Expenses	\$ 22,604,813
Other	\$ 7,455,738
SUBTOTAL:	\$ 145,524,921
Cost Redistribution& Debt Service:	\$ 92,256,104
TOTAL:	\$ 237,781,025
Internal Fund Transfers:	\$ 8,714,373
Net Before Subsidy	\$ (10,355,602)
Provost Subsidy Year 1	\$ 10,357,000
NET	\$ 1,398



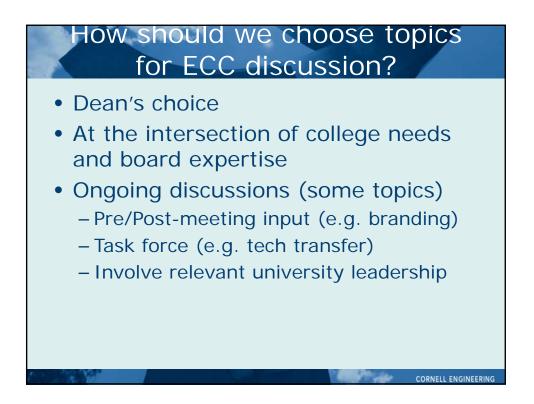










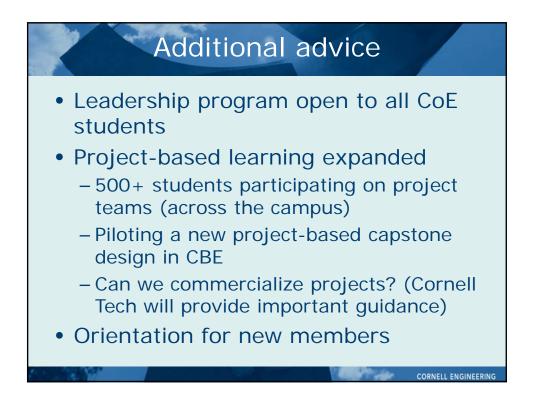


What is the ideal format for the ECC meeting?

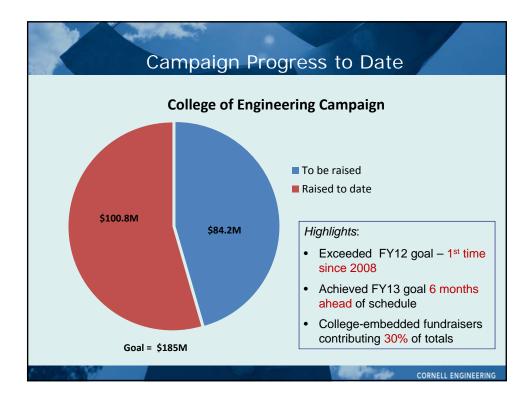
- Allow plenty of time for interaction and discussion
- Well defined questions
- Posted slide decks not effective; "Flip the classroom" online presentations
- Incorporate presentations from student groups, teams, etc.
- Better use of confluence site for ongoing discussions

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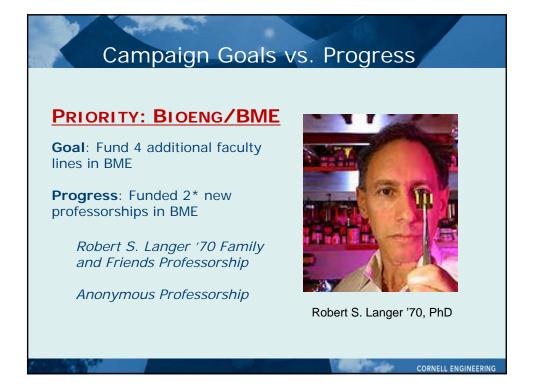












Campaign Goals vs. Progress

PRIORITY: FACULTY

Goal: Raise \$7.5M in current use Faculty Renewal funds

Progress: Secured \$5.4M in Faculty Renewal funds

Funds have helped to hire 11 new Engineering faculty across the College



Meredith Silberstein, PhD Assistant Professor, MAE Mills Family Faculty Fellow

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Campaign Goals vs. Progress

PRIORITY: ENERGY/FACULTY

Goal: Provide increased capacity in Energy research

Progress: Funded 2 professorships

Wold Family Professor in Environmental Balance for Human Sustainability

Ronald C. and Antonia Vajk Nielsen Professorship



John F. H. Thompson, PhD Wold Family Professor

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Campaign Goals vs. Progress



PRIORITY: PROGRAMS

Goal: Underwrite Student Teams program and other Experiential Learning Initiatives

Progress: Key initiatives funded John A. Swanson '61 Director of Engineering Project Teams &

Swanson endowments for Student Project Teams Academic Excellence Workshops and Engineering Learning Initiatives

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Campaign Goals vs. Progress

PRIORITY: UG SCHOLARSHIPS

Goal: Improve access for undergraduates through enhanced scholarship opportunities

Progress: Surpassed \$11.75M goal Raised \$15M for scholarships

PRIORITY: GRAD FELLOWSHIPS Goal: Provide fellowships for all 1st year students

Progress: Raised \$11.3M towards \$30M goal *Kionix Graduate Fellowship in MSE/ECE Prakash and Rukmini Sahai Graduate Fellowship in BME Sporck Excellence in Analog Design Fellowships in ECE*







