

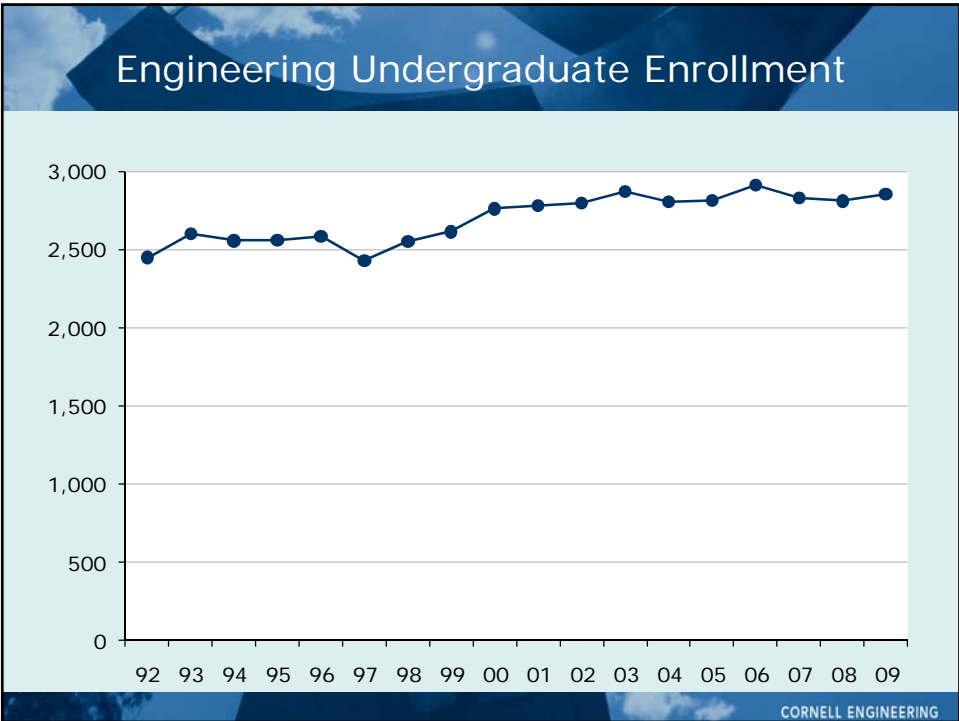
Developments since last ECC Meeting

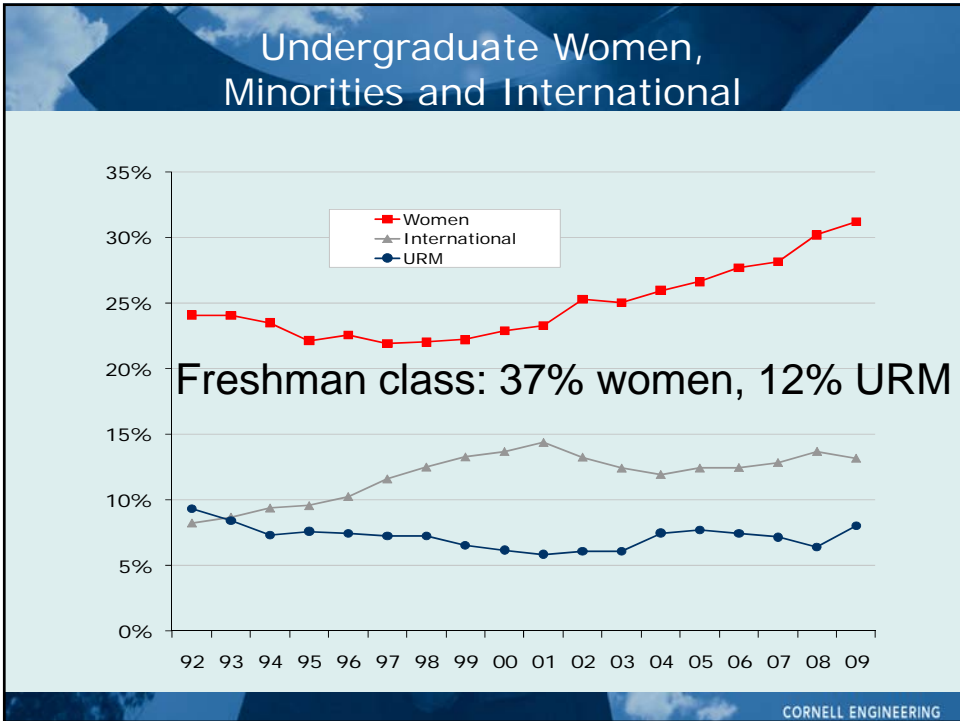
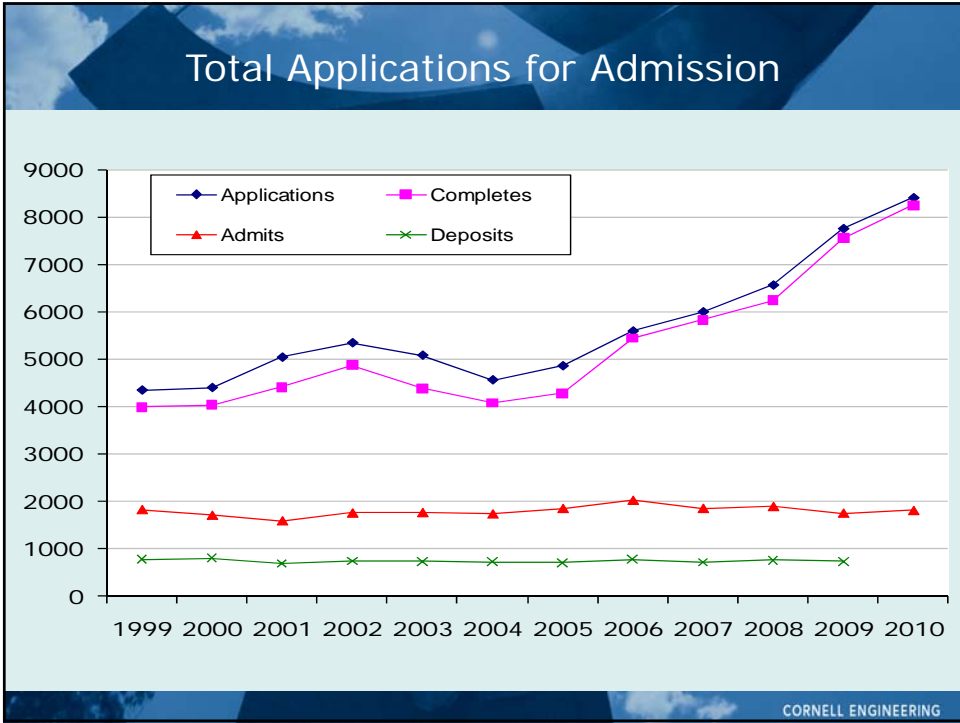
- New meeting structure
- Current trends
- Budget situation
- University planning
- College planning
- Other events

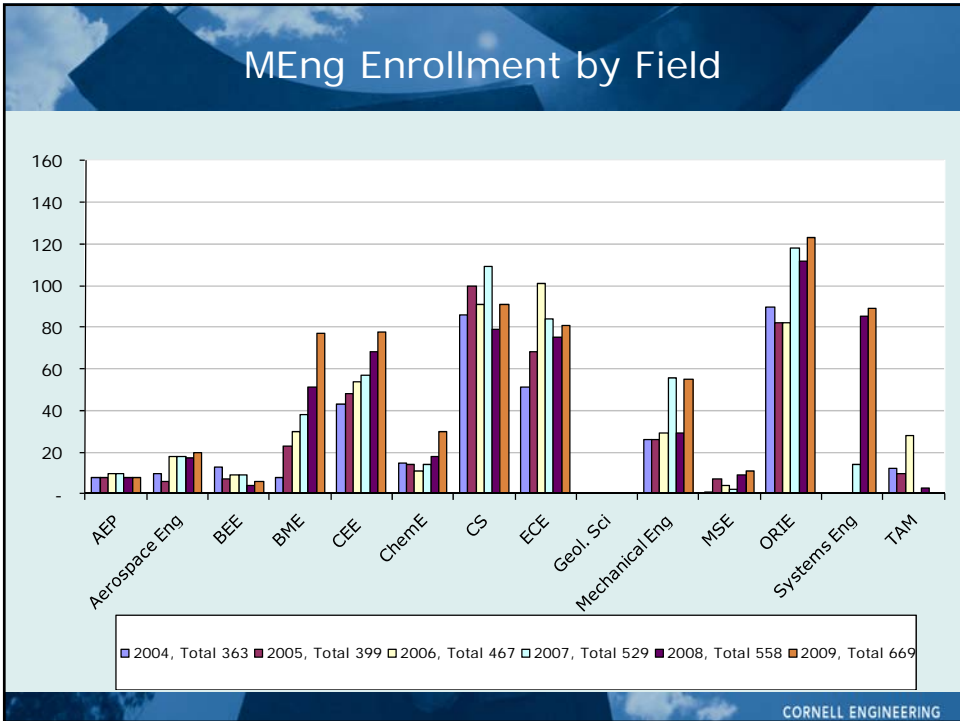
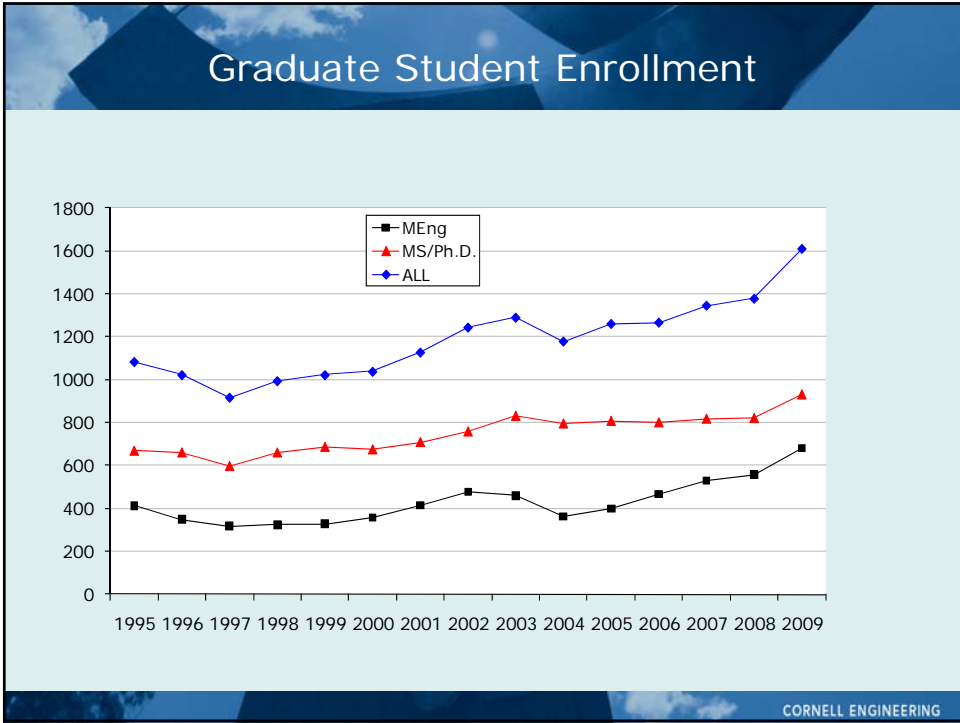
ECC Meetings

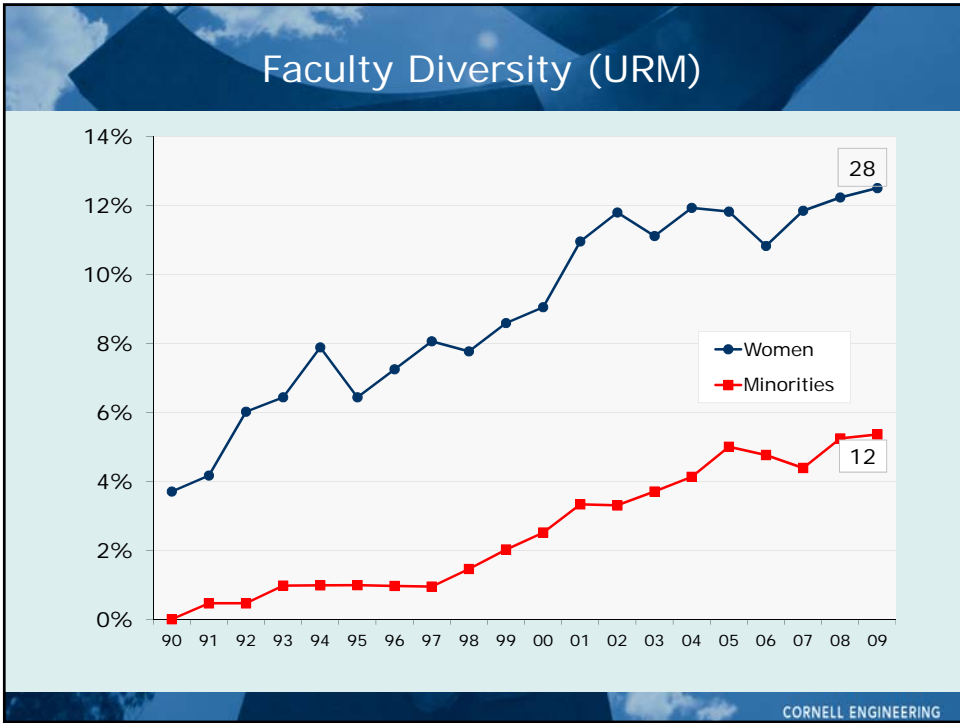
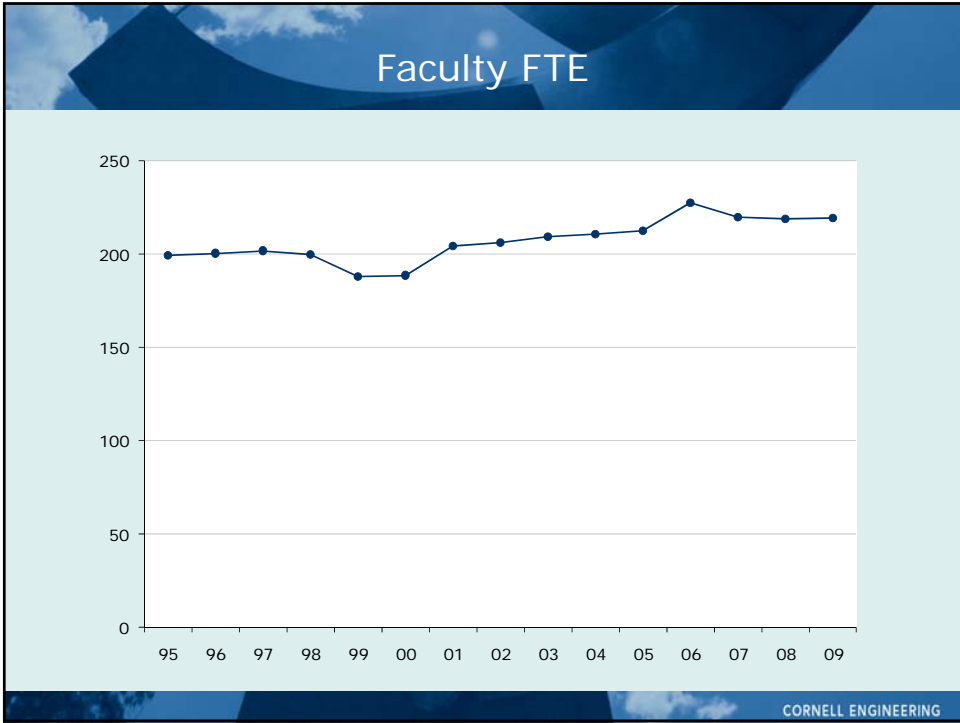
- Following suggestions of ECC, we have modified schedule
- Plan is to use first evening of ECC to deliver update on College and Cornell
- This will permit more focus on meeting topic next day
- Also adding a specific session on College response to prior meeting – will do that tomorrow

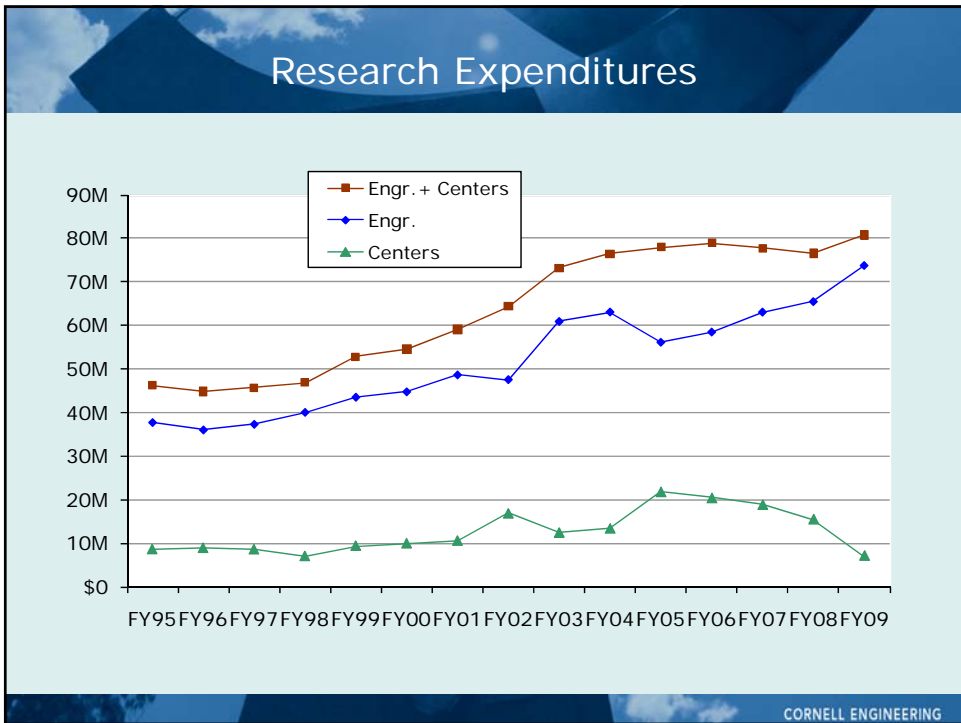
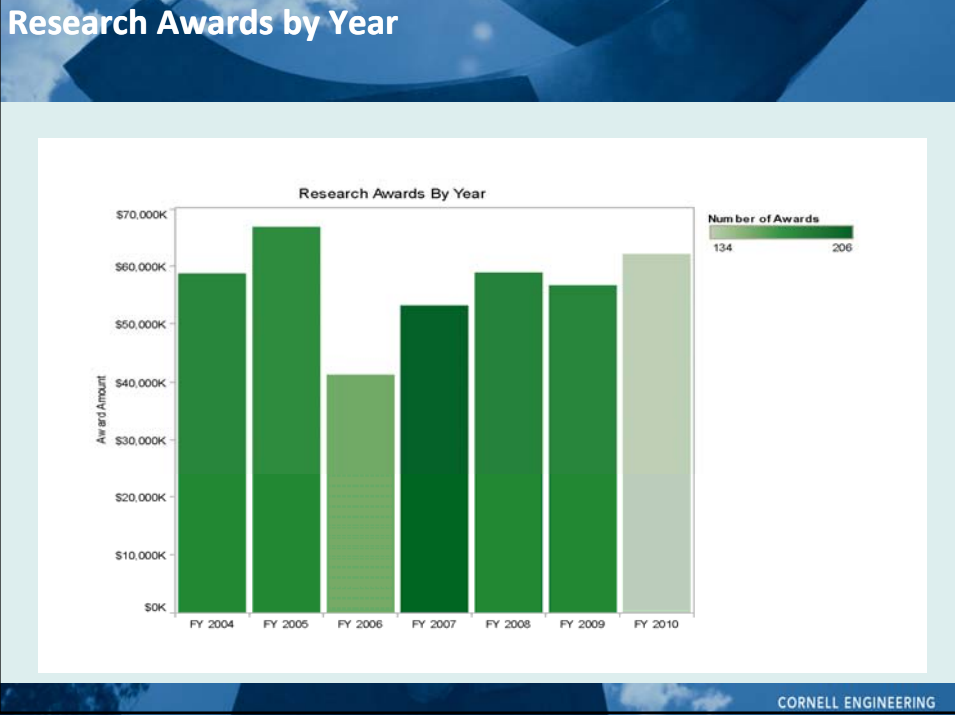
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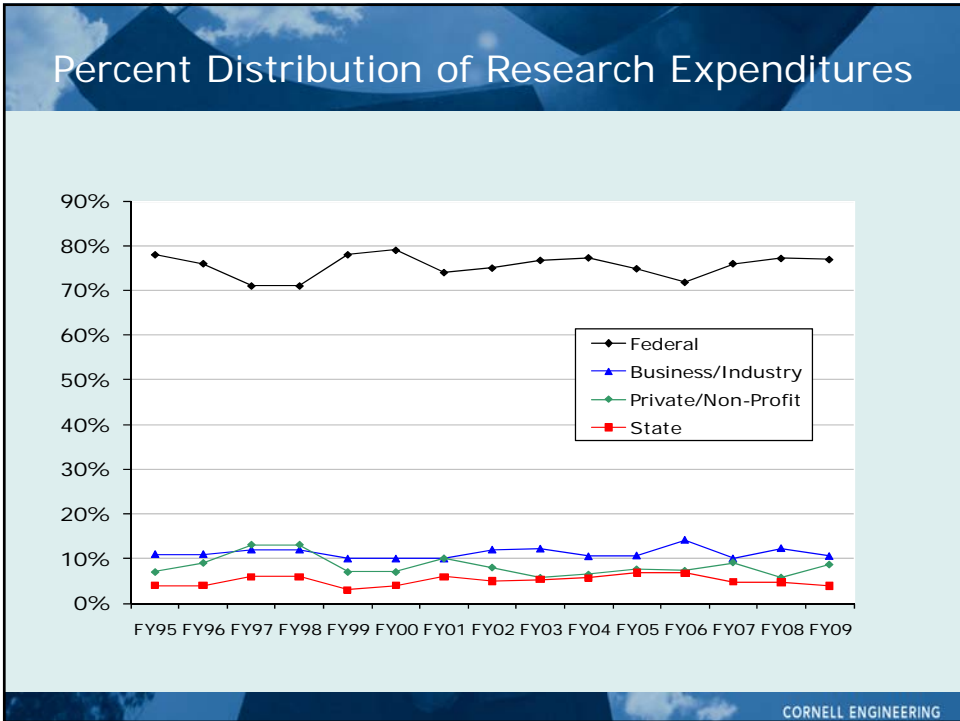
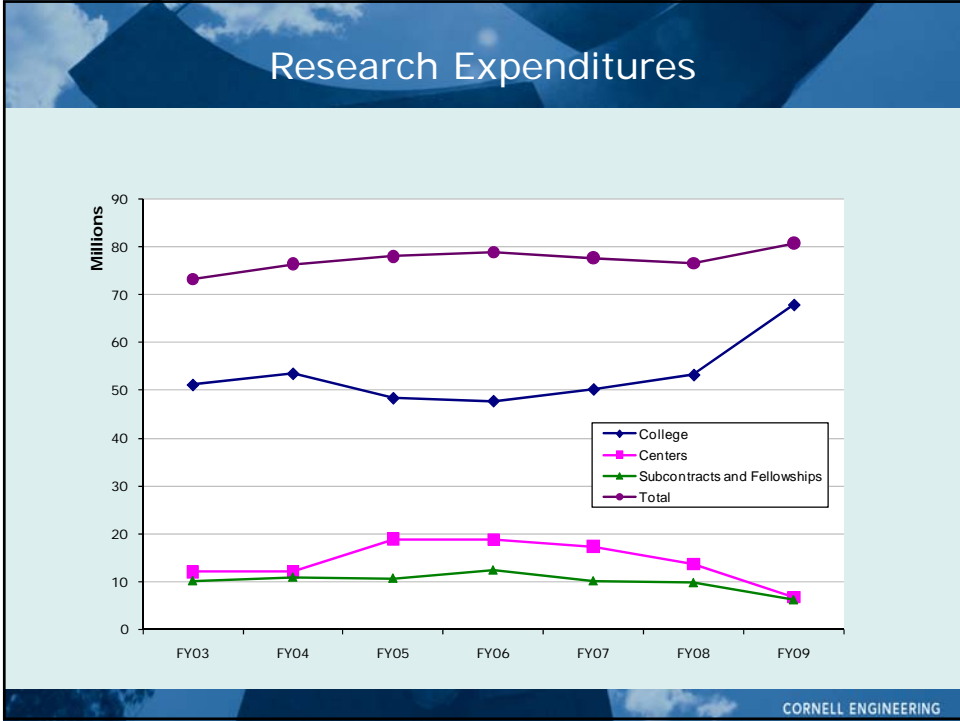


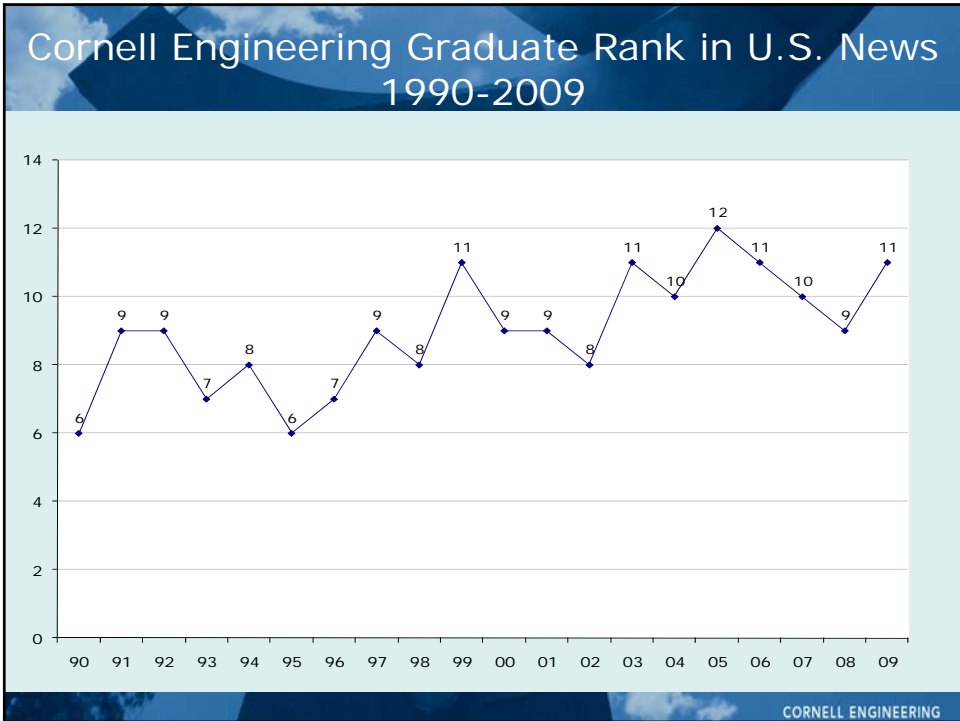
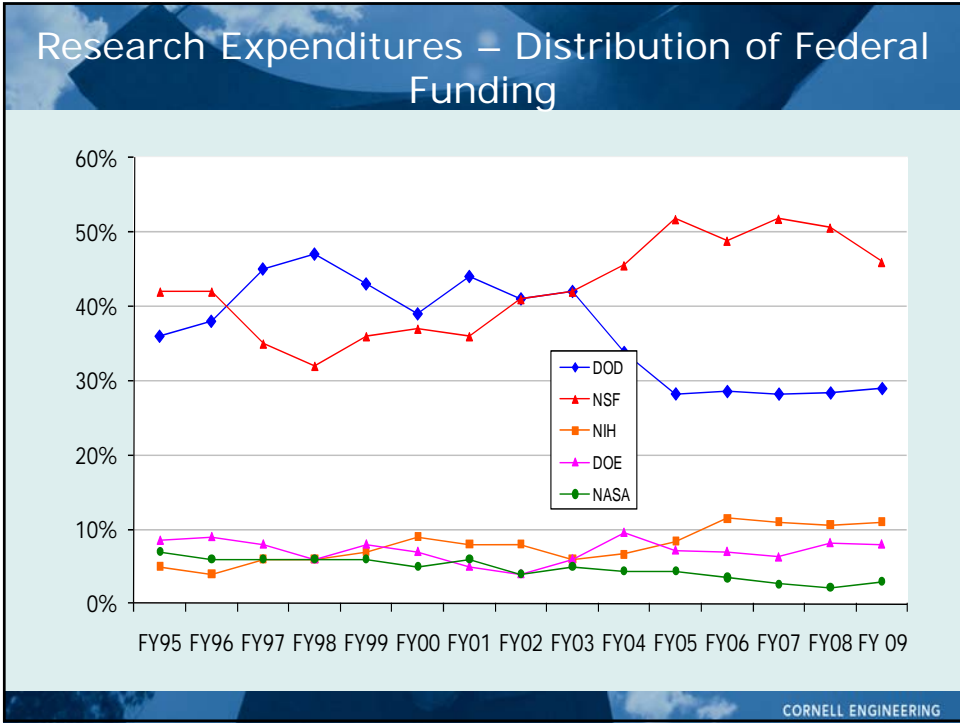












Interim Associate Dean for Research and Graduate Studies



Rajit Manohar
Associate Professor,
ECE

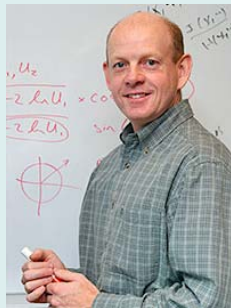
Degrees received in Computer Science:
BS Caltech 1994
MS Caltech 1995
PhD Caltech 1998

- Joined Cornell faculty in 1988
- Co-Founded Computer Systems Laboratory
- Awarded Ruth and Joel Spira Outstanding Teaching Award in ECE 2009

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New Directors and Terms Finishing

Transitions:



Shane Henderson
Interim Director,
ORIE
Until 6/30/10

New Directors:



Adrian Lewis
Director, ORIE
As of 7/1/10



Lynden Archer
Director, CBE

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Faculty prizes and honors

- Two faculty members elected to the National Academy of Engineering this year: Stephen Pope (MAE), and Thomas Parks (ECE–Emeritus)
- Daniel Huttenlocher (CS) named to the John D. and Catherine T. Mac Arthur Foundation Board of Directors
- Two faculty members named 2010 Alfred P. Sloan Research Fellows this year: Jiwoong Park (CCB), and David Bindel (CS)
- Ehsan Afshari, ECE awarded The National Science Foundation Faculty Early Career Development Award

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Faculty prizes and honors

- Jonathan Butcher (BME) awarded the Rita Schaffer Memorial Young Investigator Award
- Harold Craighead (AEP) presented Award for Research Excellence in Nanotechnology by University of Pennsylvania's Nano/BioInterface Center
- Matthew DeLisa (CBE) selected as 2010 Young Investigator of the American Chemical Society's Division of Biochemical Technology
- Watt Webb (AEP) awarded by the National Academy of Sciences The Alexander Hollaender Award in Biophysics
- Fred Schneider (CS) appointed to Defense Science Board by The Department of Defense

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Kenneth Torrance, Joseph C. Ford Professor of Mechanical & Aerospace Engineering



Distinguished
Member of Cornell
Faculty
1968 - 2010

- Received his BS '61; MS '64; and PhD '66 from the University of Minnesota
- Held a fellowship in Advanced Study Program at the National Center for Atmospheric Research in Boulder, Colorado
- Fellow of the American Society of Mechanical Engineering
- Fellow of the American Association for the Advancement of Science
- Member of American Physical Society and Association for Computing Machinery
- Received the ACM SIGGRAPH Computer Graphics Achievement Award
- Winner Dennis G. Shepherd Teaching Award

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Reimagining Cornell

- Three activities
 - Strategic plan: Will discuss tomorrow
 - College and cross-cutting task forces – several involve Engineering
 - CALS: School of the Environment
 - Library
 - Student services (e.g. career services)
 - Administrative reviews
 - IT
 - HR/Finance/Communications
 - Facilities
 - Procurement
 - Administrative Structures/Org. Design

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Status of Budget

- University has multi-year plan to balance operating budget
 - Goal is to finalize approach this year; implementation may take several years
 - Budget reductions informed by Reimagining Cornell
- Engineering's approach
 - Restructure administrative functions where possible
 - Consolidate transactions
 - Enhance research support to faculty
 - Continue to hire faculty (albeit more slowly than before)
 - Leverage market
 - Six active searches – energy focus in many
 - Reward excellent performers; address productivity issues

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Engineering Library

- Engineering working with University Librarian to determine needs of future Engineering Library
- Committee with faculty, students and staff are considering changes
- Expect report later this month
- Likely will be more online resources with fewer books
- Space may get returned to College

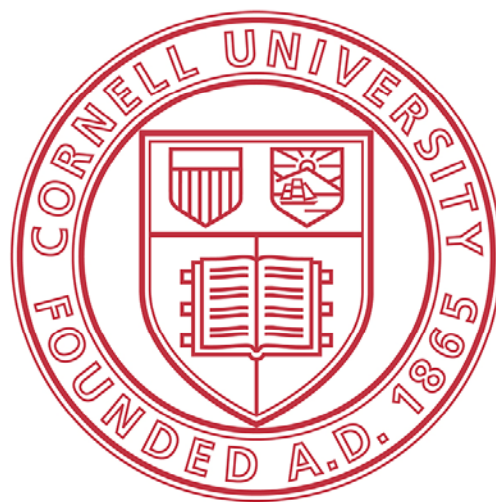
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Student Deaths

- College (and University) have been dealing with very tragic suicides
- Cornell rate consistent with statistics
- Even still; need to do what we can, including:
 - Significant student support and resources
 - Faculty outreach and rearranging exams
 - “Notice and Respond” and caringcommunity.cornell.edu
 - Check-in of students in residences
 - Physical barriers

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Discussion



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