# Overview of Engineering Faculty Resources 

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Engineering College Council
October 29, 2002

## Notes on Recent Developments

> Graduate Student Unionization
> Search for Cornell President
> Status of Computer Science and CIS
> Workforce Planning
> Biomedical Engineering Program - leadership, hiring, and facilities
> Duffield Hall
$>$ Engineering Fundraising Priorities
> Job Market for Students
> Strategic Planning

## CORNELL <br> Strategic Planning

> College Objectives
> Focus on people, programs, infrastructure
> Develop College plan by Summer 2003
> Influence fundraising priorities and next capital campaign
> Departments and Schools
> Draft of plans by Spring 2003
> Influence

- Curriculum, accreditation
- Faculty hiring and diversity
- Investments in facilities
- Allocation of faculty positions
> Engineering College Council
> Morning: overview of College resources and status
> Afternoon: overview of department and school strengths, weaknesses, opportunities, and resources.
> Your input in all phases is important.


## Undergraduate Enrollment



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## Undergraduate Women, Minorities and International



## CORNELI <br> First Year Undergraduate Women and Minorities



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Undergraduate URM Ethnicity


Faculty and Staff Headcount


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## CORNELL <br> Credit Hours Taught



## Breakdown of Credit Hours Taught in Engineering



## CORNELL <br> Credit Hours by Course Department




## CORNELL <br> Course Enrollments by Department Code




## Student to Faculty Ratio

|  | Undergrad <br> Enrollment | Graduate <br> Enrollment | Faculty <br> Headcount | Undergrad <br> to Faculty <br> Ratio | Total <br> Student <br> to Faculty <br> Ratio |
| ---: | ---: | ---: | ---: | ---: | ---: |
| Engineering | 2809 | 1084 | 213 | 13.2 | 18.3 |
|  <br> Sciences | 4417 | 1159 | 516 | 8.6 | 10.8 |
| CALS | 3061 | 973 | 385 | 8.0 | 10.5 |

Impact of Student to Faculty Ratio and Class Size on Cornell's Overall Ranking - US News Sept 2002

|  | Cornell <br> Rank | Rank w/o <br> Engineering | Percent of <br> Rating <br> Score |
| ---: | ---: | ---: | ---: |
| Overall | 14 |  |  |
| Classes Under 20 | 38 | 20 | $6 \%$ |
| Classes Over 50 | 46 | 15 | $2 \%$ |
| Student/Faculty | 36 | 30 | $1 \%$ |

## CORNELL <br> Engineering Budget - University Allocation



## CORNELL <br> Total Expenditures

94-95
Total Expenditures: \$90.0M
Sponsored Research: \$51.1M


01-02
Total Expenditures: $\$ 130.5 \mathrm{M}$
Sponsored Research: \$57.1M



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# Cornell Engineering Graduate Rank in U.S. News 



US News Graduate Engineering School Rankings Spring 2002


## CORNEI <br> Women and Minority Undergraduates




# Engineering Faculty Distribution 



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Undergrad Student to Faculty Ratio


Graduate Student to Faculty Ratio



Faculty Ethnicity


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Associate Professor Salaries


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