College Stats
Number of Undergraduates

Department

Undergraduates

CEE  ChE  ME  MSE  ECE

Undergraduates FY03
Undergraduates FY04
Undergraduates FY05
Number of Undergraduates per Faculty

<table>
<thead>
<tr>
<th>Department</th>
<th>Undergraduates/Faculty FY03</th>
<th>Undergraduates/Faculty FY04</th>
<th>Undergraduates/Faculty FY05</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEE</td>
<td></td>
<td></td>
<td>17</td>
</tr>
<tr>
<td>ChE</td>
<td>12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ME</td>
<td>14</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSE</td>
<td></td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>ECE</td>
<td></td>
<td></td>
<td>13</td>
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</tbody>
</table>
Number of Graduate Students per Faculty

<table>
<thead>
<tr>
<th>Department</th>
<th>Graduate Students/Faculty FY03</th>
<th>Graduate Students/Faculty FY04</th>
<th>Graduate Students/Faculty FY05</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEE</td>
<td>4</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>ChE</td>
<td>4</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>ME</td>
<td>2</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>MSE</td>
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<td>9</td>
<td>11</td>
</tr>
<tr>
<td>ECE</td>
<td>6</td>
<td>7</td>
<td>8</td>
</tr>
</tbody>
</table>
Number of Ph.D. Students

Department

CEE
ChE
ME
MSE
ECE

Ph.D. Students FY03
Ph.D. Students FY04
Ph.D. Students FY05
Number of Ph.D. Students per Faculty

Ph.D. Students/Faculty FY03
Ph.D. Students/Faculty FY04
Ph.D. Students/Faculty FY05

Ph.D. Students

CEE | ChE | ME | MSE | ECE

Department
Research Expenditures per Department

- CEE
- ChE
- ME
- MSE
- ECE

Research $ FY03
Research $ FY04
Research $ FY05
Department Stats
Undergraduate Students
Undergraduate Applicants

Year

Applicants

2001/02 2002/03 2003/04 2004/05 2005/06 Average

CE Applicants

Env Applicants
SAT Scores of Incoming Students

<table>
<thead>
<tr>
<th>Year</th>
<th>SAT CE</th>
<th>SAT Env</th>
</tr>
</thead>
<tbody>
<tr>
<td>2001/02</td>
<td>1,200</td>
<td>1,200</td>
</tr>
<tr>
<td>2002/03</td>
<td>1,200</td>
<td>1,200</td>
</tr>
<tr>
<td>2003/04</td>
<td>1,200</td>
<td>1,200</td>
</tr>
<tr>
<td>2004/05</td>
<td>1,200</td>
<td>1,200</td>
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<tr>
<td>2005/06</td>
<td>1,200</td>
<td>1,200</td>
</tr>
<tr>
<td>Average</td>
<td>1,200</td>
<td>1,200</td>
</tr>
</tbody>
</table>
Number of Undergraduates

Undergraduates FY03
Undergraduates FY04
Undergraduates FY05

Unit
CE
Env
Env Junior
Env Senior

Undergraduates
0
50
100
150
200
250
300
350
Number of Undergraduates per Faculty

- Undergraduates/Faculty FY03
- Undergraduates/Faculty FY04
- Undergraduates/Faculty FY05

- CE
- Env
- Env Junior
- Env Senior

Undergraduates

Unit

YS
Graduate Students
Graduate Students per Faculty

- M.S./faculty
- Ph.D./faculty
- Graduate students/faculty

Year: 2001/02, 2002/03, 2003/04, 2004/05, 2005/06
Average

Graduate Students per Faculty

- Year: 2001/02, 2002/03, 2003/04, 2004/05, 2005/06
- Average
CEE Graduate Students per Faculty

Mean = 4.6
Median = 4

Graduate Students

Faculty Member

2001
2003
2004
Number of Graduate Students per Faculty

Graduate Students/Faculty FY03
Graduate Students/Faculty FY04
Graduate Students/Faculty FY05

Graduate Students

Unit

CE  Env  Env Junior  Env Senior
Number of Ph.D. Students

- Ph.D. Students FY03
- Ph.D. Students FY04
- Ph.D. Students FY05

<table>
<thead>
<tr>
<th>Unit</th>
<th>Ph.D. Students FY03</th>
<th>Ph.D. Students FY04</th>
<th>Ph.D. Students FY05</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE</td>
<td>20</td>
<td>15</td>
<td>10</td>
</tr>
<tr>
<td>Env</td>
<td>25</td>
<td>25</td>
<td>20</td>
</tr>
<tr>
<td>Env Junior</td>
<td>15</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>Env Senior</td>
<td>10</td>
<td>10</td>
<td>10</td>
</tr>
</tbody>
</table>
Number of Ph.D. Students per Faculty

Ph.D. Students/Faculty FY03
Ph.D. Students/Faculty FY04
Ph.D. Students/Faculty FY05

Unit

CE
Env
Env Junior
Env Senior

Ph.D. Students

0 1 2 3 4 5
Graduate Degrees

| Year    | M.S. degrees | Ph.D. degrees | Total degrees
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2001/02</td>
<td>20</td>
<td>5</td>
<td>25</td>
</tr>
<tr>
<td>2002/03</td>
<td>15</td>
<td>2</td>
<td>17</td>
</tr>
<tr>
<td>2003/04</td>
<td>8</td>
<td>8</td>
<td>16</td>
</tr>
<tr>
<td>2004/05</td>
<td>12</td>
<td>10</td>
<td>22</td>
</tr>
<tr>
<td>2005/06</td>
<td>15</td>
<td>5</td>
<td>20</td>
</tr>
</tbody>
</table>

Average: 20.4
Research
Proposals per Faculty

- Proposals submitted/faculty
- Proposals awarded/faculty

Year:
- 2001/02
- 2002/03
- 2003/04
- 2004/05
- 2005/06
- Average

Number per Faculty:
- 0.0
- 0.5
- 1.0
- 1.5
- 2.0
- 2.5
- 3.0
- 3.5
Research Expenditures (CEE)

Research Expenditure

Year

2001/02 2002/03 2003/04 2004/05 2005/06 Average

$0 $1,000,000 $2,000,000 $3,000,000 $4,000,000 $5,000,000 $6,000,000 $7,000,000 $8,000,000

Research expenditures
CEE Expenditures per Unit

Research $ FY03
Research $ FY04
Research $ FY05

Units

Research Expenditures

$0
$500,000
$1,000,000
$1,500,000
$2,000,000
$2,500,000

CIEG  BRDG  CACR  CCM  CSME  DCT
CEE FY01 Research Expenditures per Faculty

Ave. wo/CCM = $146k
Ave. w/CCM = $238k
Median = $76k
CEE FY01 Research Expenditures per Faculty

Ave. wo/CCM = $146k
Ave. w/CCM = $238k
Median = $76k

Research Expenditures

Faculty Member
CEE FY02 Research Expenditures per Faculty

Research Expenditures

Faculty Member

Ave. wo/CCM = $158k
Ave. w/CCM = $241k
Median = $125k
CEE FY02 Research Expenditures 
per Faculty

Research Expenditures

$0
$100,000
$200,000
$300,000
$400,000
$500,000

Faculty Member

Ave. wo/CCM = $158k
Ave. w/CCM = $241k
Median = $125k
CEE FY03 Research Expenditures per Faculty

Ave. wo/CCM = $175k
Ave. w/CCM = $266k
Median = $107k
CEE FY03 Research Expenditures per Faculty

Ave. wo/CCM = $175k
Ave. w/CCM = $266k
Median = $107k
CEE FY04 Research Expenditures per Faculty

Ave. wo/CCM = $206k
Ave. w/CCM = $290k
Median = $134k
CEE FY04 Research Expenditures per Faculty

Ave. wo/CCM = $206k
Ave. w/CCM = $290k
Median = $134k
CEE FY05 Research Expenditures per Faculty

Research Expenditures

Faculty Member

Ave. wo/CCM = $182k
Ave. w/CCM = $281k
Median = $92k
CEE FY05 Research Expenditures per Faculty

Ave. wo/CCM = $182k
Ave. w/CCM = $281k
Median = $92k
CEE FY01 to FY05 Research Expenditures per Faculty (Statistics)

- FY01 Research $ (cyan bars)
- FY02 Research $ (blue bars)
- FY03 Research $ (purple bars)
- FY04 Research $ (light gray bars)
- FY05 Research $ (dark gray bars)
- Average (black bars)

Research Expenditures

- Ave. wo/CCM
- Ave. w/CCM
- Median

|$0 | $50,000 | $100,000 | $150,000 | $200,000 | $250,000 | $300,000 |
Summary - College

- A lot of statistics
- Undergraduate
  - Steep increase in UG in CEE and ME
  - Steep increase in CE students/faculty
- Graduate
  - Only ECE has significantly more
  - ChE all Ph.D.
  - What is the quality of CEE graduate students???
- Research
  - Total expenditures less than ChE and ECE
  - Per faculty somewhat less than ChE and ECE, MSE further ahead
Summary - Department

- Undergraduate
  - Applications not growing
  - Quality constant
  - CE student per faculty up significantly

- Graduate
  - Incoming up, domestic numbers growing
  - Total number pretty constant
  - 1:1 ratio Ph.D. to M.S.
  - Environmental Ph.D. ratio higher
  - Average of 4 to 4.5 graduate students per faculty
  - 0.3 Ph.D. degrees/faculty, 0.8 M.S. degrees/faculty
Summary - Department

- Research
  - Average of 3 papers per faculty per year
  - Proposal submissions low
  - CCM expenditures a significant portion of department total
  - Median about $100k per year per faculty
  - Average without CCM about $175k per year per faculty
  - Average with CCM about $275k per year per faculty