## CU-Boulder Engineering Overview

<table>
<thead>
<tr>
<th>Category</th>
<th>Quantity</th>
<th>Change in 5 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-time faculty</td>
<td>231</td>
<td>182 tenure-line</td>
</tr>
<tr>
<td></td>
<td></td>
<td>+3% in 5 years</td>
</tr>
<tr>
<td>Support staff</td>
<td>93</td>
<td>+11% in 5 years</td>
</tr>
<tr>
<td>Undergraduates</td>
<td>3199</td>
<td>+13% in 5 years</td>
</tr>
<tr>
<td></td>
<td></td>
<td>711 women (+43%)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>320 URMs (+56%)</td>
</tr>
<tr>
<td>Graduate students</td>
<td>1550</td>
<td>+32% in 5 years</td>
</tr>
<tr>
<td>Research grant awards</td>
<td>$68M</td>
<td>+95% in 5 years</td>
</tr>
</tbody>
</table>

Presentation by Dean Robert H. Davis to the Engineering Advisory Council on 9/30/2011
Size, Quality & Diversity of Entering Class

# applicants: 4,150 (highest ever)
# admitted: 2,285 (55%, most competitive)
# enrolled: 722 (32%, 3rd largest)
# women: 189 (26.2%, highest ever)
# UR minorities: 109* (15.1%, highest ever)
Avg. combined SAT: 1291 (highest ever)
Avg. composite ACT: 29.1 (highest ever)

*includes 7 international students
Impact of Scholarships

Prior analysis:
- 32% admitted students enrolled
- 32% offered scholarships enrolled
- 17% of top quintile enrolled w/o scholarship offer
- 29% of top quintile enrolled w/ scholarship offer

Changes for Fall 2011 Admits:
- Doubled number of scholarship offers
- Offers made one week after admissions decisions
- Dean’s Scholarship created for Boettcher semi-finalists

Results for Fall 2011 Enrollees:
- $2.2M total awarded vs. $1.6M last year
- $543K freshmen merit awards vs. $236K last year
- $213K BOLD freshmen awards vs. $68K last year
- 22 Boettcher semi-finalists enrolled vs. 8 last year
Research Grants Continue to Grow

FY11: AES: 11.1M  ChBE: 16.0M  CEAE: 8.9M  CS: 5.8M
   ECE: 11.4M  ME: 11.6M  Other: 3.2M  Total: 68M

FY11: 22.6% NSF, 17.6% Ind, 12.4% DOE, 10.9% DoD, 9.6% NASA, 5.8% HHS, 9.4% Other Fed, 11.8% other
Remarks from Marty Dunn & students
CU Engineering was the top campus unit in every category!
College Budget Sources

FY11 Expenditures: $101M

- Grant Funds: 56.7%
- Tuition & Fees: 25.5%
- Other/Indirect Costs From Grants: 3.1%
- State Funds: 4.6%
- Gift Funds: 6.6%
- Auxiliary Funds: 3.4%

Res Ugrad Tuition: $10,666 (+42% in 4 yrs)
Nonres Ugrad Tuition: $31,300 (+24% in 4 yrs)

State cut to campus: $86M → $56M in 3 years
1. Entrepreneurship & Engineering Management
   - Partnership with Deming Entrepreneurship Center

2. Engineering Leadership Program
   - Partnership with Presidents Leadership Institute

3. Engineering Honors Program
   - 89% graduated or still enrolled

4. Engineering GoldShirt Program
   - 83% still enrolled
   - 34% women, 74% URM

5. Colorado Impact Fund
   - Not initiated due to other needs

6. Colorado Mesa University
   - 9 seniors, 15 juniors

New programs have improved our college
# Graduation Data and Retention

Retention data analysis by Jackie Sullivan

<table>
<thead>
<tr>
<th>Academic Year</th>
<th>07-08</th>
<th>08-09</th>
<th>09-10</th>
<th>10-11</th>
<th>4-yr Avg.</th>
</tr>
</thead>
<tbody>
<tr>
<td># BS degrees</td>
<td>549</td>
<td>542</td>
<td>615</td>
<td>581</td>
<td>572</td>
</tr>
<tr>
<td>#women</td>
<td>96</td>
<td>85</td>
<td>131</td>
<td>115</td>
<td>107</td>
</tr>
<tr>
<td>% women (CU)</td>
<td>17.5%</td>
<td>15.7%</td>
<td>21.3%</td>
<td>19.8%</td>
<td>18.7%</td>
</tr>
<tr>
<td>% women (US)</td>
<td>18.0%</td>
<td>17.8%</td>
<td>18.1%</td>
<td>n/a</td>
<td>18.0%</td>
</tr>
<tr>
<td># UR minorities</td>
<td>31</td>
<td>38</td>
<td>47</td>
<td>40</td>
<td>39</td>
</tr>
<tr>
<td>% UR minorities (CU)</td>
<td>5.6%</td>
<td>7.0%</td>
<td>7.6%</td>
<td>6.9%</td>
<td>6.8%</td>
</tr>
<tr>
<td>% UR minorities (US)</td>
<td>11.7%</td>
<td>11.7%</td>
<td>12.0%</td>
<td>n/a</td>
<td>11.8%</td>
</tr>
<tr>
<td>6-yr grad rate (CU)</td>
<td>55%</td>
<td>57%</td>
<td>58%</td>
<td>n/a</td>
<td>57%</td>
</tr>
<tr>
<td>6-yr grad rate (US)</td>
<td>58%</td>
<td>59%</td>
<td>n/a</td>
<td>n/a</td>
<td>59%</td>
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<tr>
<td>female grad rate (CU)</td>
<td>49%</td>
<td>54%</td>
<td>59%</td>
<td>n/a</td>
<td>54%</td>
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<tr>
<td>female grad rate (US)</td>
<td>62%</td>
<td>63%</td>
<td>n/a</td>
<td>n/a</td>
<td>62%</td>
</tr>
<tr>
<td>URM grad rate (CU)</td>
<td>47%</td>
<td>34%</td>
<td>40%</td>
<td>n/a</td>
<td>40%</td>
</tr>
<tr>
<td>URM grad rate (US)</td>
<td>42%</td>
<td>42%</td>
<td>n/a</td>
<td>n/a</td>
<td>42%</td>
</tr>
</tbody>
</table>