Dean’s Update – 10 Highlights

http://engineering.colorado.edu

1. Budget
2. Fundraising
3. Enrollments
4. Diversity
5. Grad Recruiting
6. Students
7. Faculty
8. Alumni
9. Strategic Plan
10. Buildings

Presentation to CU Engineering Advisory Council on 4/24/09 by Robert H. Davis, Dean, College of Engineering & Applied Science
1. Budget

FY08 Expenditures: $80M

- **Auxiliary Funds**: 3.8%
- **Gift Funds**: 6.4%
- **Tuition**: 30.5%
- **State Funds**: 49.7%
- **Indirect Cost From Grants**: 4.3%
- **Grant Funds**: 6.2%

Res Ugrad Tuition: $8212 (+79% in 4 yrs)
Nonres Ugrad Tuition: $27,240 (+25% in 4 yrs)
2. External Funding

A. Research Contracts and Grants
   7/01/08 – 2/28/09: $40.2 million new awards
   7/01/07 – 6/30/08: $42.9 million new awards

   ➢ Research Staff Support

B. Private Fundraising
   7/1/08 – 3/31/09: $4.9 million new gifts & pledges
   7/1/08 – 6/30/09: $5.9 million new gifts & pledges

   ➢ Venture Fund
A. New Undergraduate Students

<table>
<thead>
<tr>
<th>Date</th>
<th># confirmed</th>
<th>% female</th>
<th>% URM</th>
<th>% CO res</th>
</tr>
</thead>
<tbody>
<tr>
<td>4/20/09</td>
<td>594</td>
<td>23.4%</td>
<td>6.2%</td>
<td>72.1%</td>
</tr>
<tr>
<td>4/21/08</td>
<td>617</td>
<td>21.8%</td>
<td>5.3%</td>
<td>66.6%</td>
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B. New Graduate Students

Anecdotal evidence of increased confirmations:
ChBE: 37 for Fall 2009 vs. 19 for Fall 2008

C. GoldShirt Program

#interviewed: 26    #admitted: 22    #confirmed: 15
41% female, 77% underrepresented minority (URM)
Big Picture – BS Degrees Awarded

BOLD – Broadening Opportunities through Leadership & Diversity

- MEP, WIEP & more
- Assoc. Dean for Inclusive Excellence
- K-12 Engineering Education
- Recruiting & Access
- First-year Experience
- GoldShirt Program
- Engagement & Community Building
- Retention & Performance
A. Survey of Students Declining CU Offers
   • 69% response rate (153 of 222)
   • 95% going to grad school, avg 5 offers
   • Stanford, UCSB, UCLA, Berkeley, Cal Tech, MIT, GaTech
   • Factors: reputation, projects, facilities, professors, funding
   • CU financial package lower for 64% of students
   • Suggestions: increase support and communications

B. Graduate Fellowships and Assistantships

C. Application Fee Waivers

C. International Partnerships
6. Student Accomplishments

DANDE Team – First Place, AFOSR Nanosatellite Competition

Evan Thomas (AES) & Max Gold (ME) – First Place “Idea to Product Competition for Social Entrepreneurship”

Eric Eason (Ephys, AppMath) – Hertz Graduate Fellowship
7. Faculty Accomplishments

Kristi Anseth (ChBE) – Elected to Nat. Acad. Eng.

Bernard Amadei (CEAE) – ENR Award of Excellence Mortenson Chair in Global Engineering

Rich Noble (ChBE) – CU-Boulder Inventor of the Year
7. Faculty Accomplishments – cont’d.

Jeremy Siek (ECE) – NSF CAREER Award

Stephanie Bryant (ChBE) – NSF CAREER Award

Ronggui Yang (ME) – NSF CAREER Award
8. Alumni Events

A. Regional Events
   Houston (2/09)
   Seattle (3/09)
   Los Angeles (5/09)
   San Francisco (6/09)

B. Local Events
   Basketball (1/09)
   Lunch Series (2/09, 3/09)
   Awards Banquet (4/09)
   Golden Reunion (5/09)

C. Corporate Events
   Carrizo (2/09)
   Boeing (3/09)

D. Communications
   E-news
   Homepage
   Volunteerism

At “The Sink” before CU-KU b-ball game

Houston area alumni event
9. Strategic Planning

A. Campus Plan: Flagship 2030 (www.colorado.edu/flagship2030)
   • Proceeding but investment slowed

B. College Plan: Engineering 2020 (engineering.colorado.edu/engineering2020)
   • Implementation plans in progress:
     ➢ Local & global partnerships
     ➢ Graduate student recruiting
     ➢ Engineering GoldShirt Program
     ➢ Engineering Leadership Program
     ➢ Faculty & Staff Excellence Programs
     ➢ Aerospace systems
     ➢ Energy systems
     ➢ Global engineering

Wind Energy Research

EWB in Nepal
10. New Building Progress

Biotechnology Building

Aerospace & Energy Systems Building