1. Bernard Amadei
National Academy of Engineering

2. Larry Carlson & Jackie Sullivan
NAE Gordon Prize

Presentation to CU Engineering Advisory Council on 4/25/08 by Robert H. Davis, Dean, College of Engineering & Applied Science
3. Kristi Anseth
Distinguished Prof.

4. John Falconer
Hazel Barnes Prize
5. Four DARPA Young Faculty Awards

Scott Bunch
Harold Park
Wei Tan
Ronggui Yang
6. Energy Centers Launched

C2B2 – Colorado Center for Biorefining & Biofuels

CREW – Center for Research & Education in Wind
7. Educational Programs
Formed

Engineering Entrepreneurship

Engineering Redshirt Program
8. Biotechnology Building Moves Ahead

Size: 260,000 sq ft
Location: East Campus
Cost: $120M

Occupants:
- Biotechnology Initiative
- Biochemistry
- Chem & Bio Engineering
- 60 faculty, 600 researchers

Timing Update:
- State approval: May 2008, expected
- Architectural design start: Summer 2008
- Construction start: Summer 2009
- Occupancy: Winter 2010/11
9. Good Progress on Fundraising

- Engineering development has raised $5.2 million in first 9 mos of FY08
  - Goal for entire fiscal year was $5.0 million
  - Two largest gifts are each $1M+ for scholarships

- I-CUE is approaching its $1.5 million goal
  - $1.4 million raised since 7/1/06
  - Closing date for pledges is 6/30/08
10. Outreach Efforts Advance

DSST: Perfect Score!

Perfect score
All 79 in charter’s first class bound for four-year colleges.

CU-Mesa State Program Approved

Degree of measurement

CU engineering program launched at Mesa State

Sharing the wealth
Pahsade philanthropist wants to help others gain education
Campus strategic plan:
www.colorado.edu/chancellor/flagship2030

Core Initiatives:
• Growth in students & faculty
• Graduate education & research
• Support staff & facilities
• Diversity & community

Flagship Initiatives:
• Interdisciplinarity & globalization
• Experiential & customized learning
• CO research diamond
• Residential colleges & villages
• Year-round learning
College strategic plan:
engineering.colorado.edu/facultystaff/Strategic_Plan.htm

People
• Growth in students, faculty & staff
• Support for students, faculty & staff

Places
• Need for offices, classrooms & labs
• Stay or go? (main campus or east campus)

Programs
• Paradigms in education & research
• Technical areas of emphasis
Paradigms in Education & Research

- Fundamentals
- Practical experiences
- International experiences
- Interdisciplinary research & education
- Engineering for society
- Teamwork & leadership
- Communications
- K-12 engineering education
Technical Areas of Emphasis

- Bioengineering & biotechnology
- Computational & communications technologies
- Energy & environmental sustainability
- Materials science & engineering
- Space systems science & engineering