University of Colorado at Boulder

presented to the

Engineering Advisory Council

by

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Chancellor

on

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Education is key to the state’s economic future
Colorado’s *Flagship University*

- Educating future leaders/citizens
- Advancing knowledge and developing new technologies
- Enriching our economy as both an economic engine and a vital intellectual resource
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CU-Boulder Student Profile

CU- Boulder Fall ’06 Enrollment

- 24,484 Undergraduates
  4,458 graduate students
- 53.1% Male (15,377)
  46.9% Female (13,565)
- 68.6% In-state (19,856)
  31.4% Out of State (9,086)
- 14.4% Students of color (4,177)
- In fall 2006, CU-Boulder enrolled the largest, most diverse and most academically qualified class in its history
  - Average GPA 3.64
  - Average SAT of 1194
CU-Boulder: an AAU institution

Association of American Universities

Note: for clarity, some liberties were taken with placement of institutions.
A National Comprehensive Research University

- 3,400 courses in over 150 fields of study
- Over $258 million in externally sponsored research in FY ‘05
- Over 90 research centers, institutes and laboratories
- Four Nobel laureates
- 7 MacArthur Fellows
- 33 National Academy members
Economic Impact

- Generates 7200 jobs and more than $450M of payroll
- For every $1 in taxpayer support, CU-Boulder generates $17 in the state’s economy
- Technology Transfer figures from 2005-06:
  - Six start-up companies formed
  - $17,733,937 dollars earned
  - 29 licenses executed
  - 185 total active licenses
  - 85 new patent applications
  - 9 patents issued
State investment in higher education has declined over the past 30 years

Despite this trend, CU-Boulder’s resident tuition is the second lowest among its AAU public peer universities

Source: Postsecondary Education Opportunity Jan 2005
FY 2007 Budget

- Restricted funds are gifts, grants & contracts, and non-institutional financial aid
- Auxiliaries include Housing, Bookstore, Continuing Education, UCSU cost centers and other self-funded departments
- The campus operating budget, the General Fund, is primarily State funding, ICR, and 88% of total tuition and fees
- Tuition and fees is largest revenue category

FY2007 Current Fund Revenues

- Tuition & Fees 40%
- Gifts, Grants & Contracts 29%
- Auxiliary, Sales & Services 16%
- State Funding (COF, FFS) 8%
- ICR 6%
- Other 1%

$880.6M
CU-Boulder: Critical Investments

Areas under-funded when compared to competitors

- Need and merit-based financial aid
- Physical infrastructure
- Tenured faculty lines
- Ph.D. Education
- Research support
Current Focus

- Improved student quality
- Provide necessary infrastructure
- Maintain outstanding faculty
- Support statewide economic development through research in:
  - Biotechnology
  - Sustainability/renewable energy
  - Geosciences
  - Large-scale computation
The Future - Flagship 2030

- Steering committee formed in November 2006 – strategic planning initiative
- What will it take for CU-Boulder to continue to excel as the Flagship University for the state of Colorado in 2030?
- First draft of final Report to Chancellor May 2007
- Submit to Board of Regents November 2007

http://www.colorado.edu/chancellor/flagship2030/
Approach

- Why Plan?
- Characteristics?
- An Action Plan
- Questions for Flagship 2030?
Questions

- What will our graduating students need to know and be able to do in the year 2030?
- To what needs of the year 2030 will our research, scholarship, and creative work efforts respond?
- What will the State of Colorado need from us in the year 2030?
- What should our relationship with the Boulder community be in the year 2030?
- What kind of University community will we aspire to be in the year 2030?
- What kind of financial and operational models will CU-Boulder need in order to succeed in 2030?
Process

- Steering Committee
- Overall Co-Chairs
- Planning Coordinator
- Subcommittees
- Content Coaches
- Core Contributors
- Website
Schedule

- Preliminary Planning Initiated - August 1, 2006
- Kickoff Meeting - December 9, 2006
- Subcommittee Drafts - February 28, 2007
- Open Forums - March 1, 2007
- Steering Committee Drafts - March/April, 2007
  - Campus dissemination and discussion/open forums
- Steering Committee Final Report - May 4, 2007
- Presentation of first draft to BoR – August, 2007
  - Campus dissemination and discussion/open forum
- Presentation of Final Action Plans to BoR – November 29, 2007
Final Thoughts

- Why 2030?
- Emerging Trends and Ideas