SUMMARY OF RECOMMENDATIONS
CU Engineering Advisory Council Meeting on 4/29/2011

The CU-Boulder Engineering Advisory Council (EAC) met on 4/29/2011, and its Resource Development Committee (RDC) met the prior evening. Many of the members also attended the Creating Futures fundraising campaign kickoff on the Boulder campus that prior afternoon. In what follows, the primary recommendations from the EAC meeting and associated subcommittee meetings are provided. This summary report and the slides from the Dean’s update are posted at http://engineering.colorado.edu/overview/advisory_boards.htm. The next meetings of the EAC are scheduled for 9/30/2011 and 4/27/2012.

Making the College Better: “Speed dating” sessions were held in small groups of EAC members and CU faculty/staff, to provide recommendations on how to make the College better in three areas. The key recommendations are given below in italics.

1. Provide at least one good recommendation for developing future leaders.
   - Succession planning, with measurements & rewards
   - Reactivate Rob’s leadership development team
   - Assign mentors to prospective leaders
   - Create an environment where people see they can make a difference
   - Monetary/research incentives for chairs/associate chairs
   - Role-playing scenario training sessions, leadership training
   - Provide recognition and resources for leaders
   - Recruit new talent with desired attributes
   - Identify leadership opportunities
   - Make a list of leadership attributes/competencies

2. Suggest at least two attractive ways to engage faculty and volunteers in fundraising.
   - Provide department-based development officers & fundraising committees
   - Include students at events & visits, and offer free food
   - Provide incentives/rewards, expectations in performance evaluations
   - Identify former students as prospective donors, including former graduate students
   - Expect faculty participation in events
   - Focus on Pac-12 cities
   - Provide training (Fundraising 101) with role playing practice sessions, stories
   - Break goals down to department/program level, meet department/faculty needs
   - Development team ask alumni to contact successful classmates
   - Identify passions of volunteers and connect them up
   - Create expectations with graduating students
   - Use Facebook to connect with alumni
3. Identify at least one way that CU can be a world leader in Energy and Environmental Sustainability.

- Engage senior leadership of campus
- Develop partnerships (industry, government, academia)
- Focus and differentiate from others; water would be a good emphasis
- Use interdisciplinary strengths (technology/economics/environment/policy)
- Create video that goes viral
- Incorporate this theme into the Conference on World Affairs
- Establish a forum or event that attracts world focus
- Build on C2B2
- Form an institute
- Use green buildings at CU as a demonstration of technology
- Create a big vision and goals
- Hire a top name

**Education Committee:** The Education Committee discussed the first-year experience, Engineering Honors Program, and the Engineering Entrepreneurship (E-ship) Program. Recommendations reported by Steve Dunn include

- The Education committee wants to continue meeting
- Resource allocations should follow enrollments
- An advisory committee should be formed for the Honors Program
- Enhance the fundraising efforts for E-ship, and engage the Deming Center in this program

**Inclusive Excellence Committee:** The Inclusive Excellence Committee discussed improvements in recruiting women and minorities but also noted the recent loss of women after they enroll and the relative small number of underrepresented minorities who are prepared each year in Colorado for engineering study. Recommendations presented by Frank Figueroa and others include

- The Inclusive Excellence Committee should be subsumed by the BOLD Advisory Council and meet twice per year on the day before each EAC meeting
- Discuss retention of women and other students at the next EAC meeting
- Consider a professional-development program for faculty, to effect a cultural shift and better understanding of how students learn and feel valued

**Operations Committee:** The Operations Committee discussed the campus and college budget updates, the current academic review of the College, the Creating Futures fundraising campaign, and student retention. Key recommendations presented by Kristy Schloss include

- The Operations Committee should continue to meet, though it could be folded into the Executive Committee
- Lab reallocation and cleanup are needed, taking advantage of the move of Chemical and Biological Engineering to the new Biotechnology Building
• Retention review should be data and performance driven and consider an objective based on the students graduating (and not just matriculating)
• Consider what other engineering schools are doing well to improve retention and to create an environment where people want to belong

**Partnership Committee:** The Partnerships Committee endorsed the Engineering Leadership Program and is estimating at least 100 students per cohort. It also discussed the Colorado Impact Fund. Recommendations presented by JoAnn Zelasko include:

- The Partnership Committee would like to meet for at least one more year, to help launch the Engineering Leadership Program, and it prefers a time slot during the EAC meeting after the college update is presented
- Mentors and seminar speakers/topics are needed for the Engineering Leadership Program
- The Colorado Impact Fund should be discussed at the next EAC meeting

**Research Committee:** The Research Committee noted that heightened efforts are paying off, with high-quality faculty hires, a nurturing environment for faculty research, several large, interdisciplinary grants, four new NSF CAREER Awards, and an Office of the Associate Dean for Research (ADR) that now employs four people. Recommendations presented by Paul Hamilton include:

- The Research Committee wishes to continue meeting, preferably on Friday mornings before the start of the EAC meeting
- More help is needed in writing and packaging proposals
- Quick response is needed to establish new contracts, which are slowed by indemnification agreements
- The ADR Office should be continued

**Resource Development Committee:** The Resource Development Committee received updates from the CU Foundation staff concerning year-to-date progress towards CEAS fundraising goals and the Biotech Building campaign, and they reviewed and discussed the Creating Futures campaign video. Recommendations and action items presented by Doug Smith include:

- Nan Joesten proposed a project in which all EAC members could participate and which would carry an EAC naming opportunity. RDC members agreed to recommend that the entire board help fund a lab in the new Biotech Building. The suggested amount of contribution is $3,000 per member, which can be spread over multiple years. In addition, the group will seek “matches” from members and their employers to reach a total goal of $200,000.
- RDC members were asked to fill out and submit a Volunteer Involvement Form. Among the ways members said they would like to be involved are: hosting a very small dinner at their home, signing letters to classmates, hosting others at home or away football games, and bringing guests to DEAA and other events.
• The RDC is enthusiastic about progress on fundraising for the Biotechnology Building and about growth of the Dean’s Club, with all EAC members encouraged to participate in both efforts

Other Recommendations: Additional recommendations and items of note made during the course of the EAC meeting include

• The revision to the by-laws was passed unanimously, and all members were asked to sign the Expectations for Members form
• Kristy Schloss was elected EAC Chair and Pam Drew was elected EAC Vice Chair, for the next two years
• Members whose terms are ending were recognized for their service: Bruce Buckland, Ray Kolibaba, Joanne Maguire, Peter Mannetti, Geoff Slaff, Jim Voss, Roger Zimmerman
• New members were introduced: Dana Andersen, Frank Doerner, Patty Quiñones, Kathy Tobey
• Items for the next meeting include women in engineering, the Colorado Venture Fund, the Office of Contracts and Grants, the state support process, and a possible tour of Andrews Hall or the Center for Community