



Engineering College Council Proposed Task Force Structure

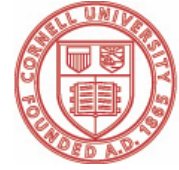
Function:

A task force structure provides an opportunity for ECC members to engage deeply on strategic areas of focus for the College of Engineering. Task forces are topic and deadline driven allowing for high level specificity in developing a strategy and action plan which will provide counsel and guidance to the Dean.

Proposed Topic Areas:

- New Educational Paradigm (Proposed Chair: Dan Simpkins)
Charge: Provide strategic counsel to enhance, transform, and disrupt traditional approaches to educating undergraduate and graduate students.
Recent examples of programs and areas of focus include: Engineering Leadership Program, Commercialization Fellows, Kessler Fellows Program, Engineering Minor in Entrepreneurship, International Internship Program, Student Project Teams; McCormick Teaching Excellence Institute
- Energy, Environment and Sustainability (Proposed Chair: John Swanson)
Charge: Provide strategic counsel on the important research themes, and educational opportunities in energy, environment, and sustainable development. Inform on ways to build strategic partnerships with industry and energy-related foundations.
Recent examples of programs and areas of focus could include: Energy Institute, Earth Source Heat, Transportation, Sustainability, Living Laboratory
- Bioengineering (Proposed Chair: Craig Wheeler)
Charge: Provide strategic counsel about enhancement of bioengineering research, teaching and interdisciplinary engagement across the College, and the University.
Recent examples of programs and areas of focus could include curriculum development, industry partner outreach. Evaluation of ways to evolve partnerships with WCM, College of Veterinary Medicine, and Cornell Tech
- Capital Infrastructure (Proposed Chair: Ken Goldman)
Charge: Provide counsel on strategic planning for major capital infrastructure renovation for the College of Engineering. Ultimate goal is to completely transform the College's research and teaching through reinventing its physical spaces.
Recent examples of programs and areas of focus could include: Impact of evolution of infrastructure on faculty recruitment, improved undergraduate and graduate educational

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experience, co-location of interdisciplinary research and impact on graduate student experience

Proposed Timeline for Implementation:

Topic breakout sessions followed by group discussion on the implementation of a task force structure during the Fall 2017 ECC meeting.

Expected Outcomes:

Each task force will have a chair and can meet through teleconference (or other means) as needed to brainstorm, develop interim reports to Dean Collins, and a formal report at the Spring 2018 meeting. Subsequent ECC meetings will include progress reports on the implementation of recommendations contained in the reports.

Benchmarking:

CALS Alumni Advisory Board- Task forces 2015-2016: Topic areas included Experiential Learning and Research Innovation Fund

Arts and Sciences considered a task force structure in 2005: Topic areas included International Studies and Physical Sciences