Ethics Education at Dartmouth College

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Dartmouth College

“…a superb undergraduate residential college with the intellectual character of a university, featuring thriving research and first-rate graduate and professional programs”

- **Founded**: 1769
- **Affiliation**: Ivy League
- **Students**: Approximately 4,100 undergraduate, 1,700 graduate
- **Divisions**: Undergraduate college with more than 40 departments and programs; graduate schools of arts and sciences, medicine, engineering, and business
- **Faculty**: 607 Tenured/tenure track, 995 total
Research at Dartmouth

$\textbf{Classified by the Carnegie Foundation as a "research university with very high research activity.} “$

$\textbf{Sponsored research} \text{ attracted, FY 2009: $168.6 million}$

$\textbf{By the numbers:}$$

$477 \text{ Arts and Sciences}$

$111 \text{ Engineering}$

$68 \text{ MALS}$

$50 \text{ MPh}$

$1000+ \text{ undergrads}$

$\textbf{Coming: Masters of Healthcare Delivery Sciences}$
Ethics program sponsors at Dartmouth

浬 Ethics Institute (since 1982)
 浬 Aine Donovan, Executive Director, Ethics Institute
 浬 Provides support for ethics programs
浬 Masters of Engineering Management
 浬 Thayer School of Engineering/Tuck School of Business
 浬 New course: Professional Ethics
浬 Graduate Studies Office
 浬 Brian Pogue, Dean, Graduate Studies
 浬 Ethics training for 1st year graduate students
浬 Office of Sponsored Research
 浬 Jill Mortali, Director
 浬 Responsible Conduct of Research (RCR) training
Dartmouth Ethics Institute

“Morality must be a persistent concern of all professions and all professional schools. Indeed by definition one of the essential ingredients of a profession is the creation and use of an explicit set of ethics governing individual and collective behavior of the professionals in that field.”

- **Founded:** 1982
- **Executive Director:** Aine Donovan
- **Mission:** to foster the study and teaching of ethics throughout the Dartmouth community, at the undergraduate, graduate and professional schools.
- **Members:** ~200
- **Programs:** interdisciplinary college courses that are team-taught by faculty who are committed to ethics education; innovative federal grants; films; panel discussions; essay competitions, graduate ethics training
Professional Ethics for MEMs (Thayer)

- Student population from diverse cultures coming for short time to Dartmouth on their way to engineering/business career paths
- Piloted Spring 2010 as part of Professional Skills curriculum
- Combination of Business and Engineering ethics
  - Honor code – “What should I do if I see…?”
  - How do companies manage ethics
  - Case studies that they can relate to: job search, early career ethical dilemmas
  - Review some company values/ethical codes
- Pilot participants actually asked for MORE than the three hours allocated in the pilot
1st Year Grad Students Ethics Program

- Ethics session in graduate student orientation
  - the FIRST event they attend
  - Faculty panel participation signals importance

- Ethics Survey – online review and acknowledgement of Honor Principle, Code of Conduct, and “Sources and Citation at Dartmouth College”

- Four “Train the trainer” ethics sessions
  - Professionalism in the workplace
  - Mentoring
  - Authorship and Peer Review
  - Conducting Research and Data Handling

- Education of first year students
  - Performed by last year’s trainers – Grad students/post-docs/faculty
  - Tailored to each department’s needs

- Science Ethics Colloquium (not every year)
Responsible Conduct of Research (RCR)

§ Provides compliance with NSF requirements
§ PI is responsible to ensure and mentor
§ Graduate Students
  § Take (mandatory) the 1st year Grad Students Ethics Program
§ Post Docs (“Research Assistants”). Choice of:
  1. 1st year Grad Students Ethics Program Educator class
  2. Collaborative Institutional Training Initiative (CITI)
  3. 90-minute presentation provided by Office of Sponsored Projects
§ Undergraduates
  § Choice of 2 or 3 above as decided with PI
Success Factors/Challenges

§ Success factors
  § Show institutional support
    § Faculty visibility
    § A culture of mentorship
    § Visibility of policies and governance bodies
    § Senior level sponsorship
  § Attract grad students to a new teaching experience (ethics!)
  § Offer a combination of online and face-to-face interaction

§ Challenges
  § Pace of scholarly life
  § Pressure to Publish
  § Increasing administrative demands
  § Consistent faculty engagement
Additional Resources

- RCR for Engineering
  - Jason Borenstein borenstein@gatech.edu
- CITI – minimal cost and great way to get started
- ORI website http://ori.dhhs.gov/
  - Research on research integrity
  - Sample policies: http://ori.dhhs.gov/policies/ori_policies.shtml
- Post-doc Association – RCR Toolkit
  http://www.nationalpostdoc.org/publications/rcr/rcr-toolkit
THANK YOU!