Graduate School Opportunities in Health Care at The Dartmouth Institute

2011
Graduate Degree Programs

Goal of the TDI Graduate Programs at Dartmouth

Measure
Health and Health Care

Organize
Health and Health Care

Improve
Health and Health Care

To Develop Leaders in the Measurement, Organization, and Improvement of Health and Health Care
Multi-disciplinary faculty including:

- Physicians
- Epidemiologists
- Psychologists
- Medical Geographers
- Sociologists
- Statisticians
- Economists

Did you know…

- TDI contributed 3 of the major ideas to the recent health care reform bill
- Over 500 journalists have attended Medicine in the Media boot camps conducted by TDI faculty
- Students may undertake various research opportunities at the research centers at TDI
One-Year

Master of Public Health

Generalist Curriculum

Internship & Capstone

One-Year

Master of Science

Clinical/Health Services Research | Health Care Leadership

Research Proposal
About the Students

MPH and MS Enrollment

- MS
- MPH

Full-time and Part-time Enrollment

- FT
- PT

Types of Students

- Recent Undergraduates
- Mid-Career
- Physicians
<table>
<thead>
<tr>
<th>The Research Questions</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Why are women suffering with breast cancer more likely to receive a mastectomy in one hospital, while patients in another hospital are more likely to have a lumpectomy?</td>
<td>How can we help accountable care organizations improve the health of the populations they serve?</td>
</tr>
<tr>
<td>How can we change the doctor-patient relationship so that patients can be better informed about their choices of treatment?</td>
<td>How do we continuously improve the quality of care for patients with more than one illness?</td>
</tr>
</tbody>
</table>
About the Classes & Opportunities

- Critical Issues in Health and Health Care
- Strategic & Financial Management of Health Care
- Epidemiology/Biostatistics
- Inferential Methods and Systematic Review
- Social and Behavioral Determinants of Health
- Continual Improvement of Health Care
- Design and Improvement of Clinical Microsystems
- Decision and Cost-Effectiveness Analysis
- Independent Research

Lecture at Conferences
Present Poster Projects at Conferences
Publish Journal Articles
Learning Experience

- Learning Labs at DHMC
- Case-Based Discussions
- Field Work
- Cooperative Learning Teams
- Core-Skills Seminars
- Lectures by Faculty & Guest Speakers

TDI students are able to explore elective opportunities at the Tuck School of Business, Dartmouth Medical School, and the Thayer School of Engineering.
Outside of Northern New England:

• Center for Disease Control and Prevention, Atlanta
• Center for Women’s Health, Washington, DC
• Unite for Sight, Ghana
• The Family Planning Association of Trinidad and Tobago, Trinidad
Past MPH Capstone Projects:

• Factors Underlying Disparities of Breast, Cervical, and Colorectal Cancer Screening Among Low-Income and Minority Women
• Is the Good Neighbor Clinic Cost-effective for Dartmouth Hitchcock Medical Center?
• Barriers to HIV Testing and Programs among Pregnant Women
• Implementation of a Successful Community Eye Health Program in Africa
• Improving Physician-Patient Communication about Preferences for Care at the End of Life
• Evaluation of Integrated Disease Surveillance and Response in Nine Countries
Past Research Projects:

- Effects of Insulin Sensitizing Drug Therapy on Metabolic Abnormalities in HIV Patients
- Comparing Models of Eldercare in the US and Europe
- Policy and Decision Making Effecting International Development
- Quality Improvement in Public Health Microsystems
- Applied Epidemiology: Infectious Disease Investigation and Research
Post-TDI Opportunities

Institute for Healthcare Improvement
National Institutes of Health
Center for Disease Control and Prevention
The Global Health Council
Veterans Affairs Medical Center
Department of Defense
Himalayan Cataract Project
Vertex Pharmaceuticals
Kaiser Permanente

Further Education:
Medical School
Physicians Assistant Programs
Fellowships
Nursing Programs
PhD Programs
On the first day of classes, the faculty presented startling findings about U.S. healthcare quality shortcomings from a study by Beth McGlynn. On the first day of work at RAND, I met her in person and joined one of her projects. As TDI grads we have a unique blend of idealism and practical skills - we're going to do big things.”

-Sam Wertheimer, MPH
“My study at TDI prepared me for my current role in evaluating the clinical effectiveness and cost-effectiveness of our medicines with the goal of maximizing patients' access to life-saving or life-improving health interventions.

-Brad Schenkel, MS
Who We Are Looking For...

Students who are passionate about changing health care and improving the health care system

2010-2011 Class Profile
Average Undergraduate GPA: 3.5
Average GRE Score: 1300
Average MCAT Score: 30
### Application Deadlines

<table>
<thead>
<tr>
<th></th>
<th>Deadline Date</th>
<th>Decision Date</th>
<th>Commitment Deposit Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Action</td>
<td>November 15</td>
<td>December 15</td>
<td>January 15</td>
</tr>
<tr>
<td>February Round</td>
<td>February 1</td>
<td>March 1</td>
<td>April 1</td>
</tr>
<tr>
<td>April Round</td>
<td>April 1</td>
<td>May 1</td>
<td>June 1</td>
</tr>
</tbody>
</table>
Application Checklist:

- Apply ONLINE through our website
- Complete the GRE or MCAT examinations
- Obtain three letters of recommendation
- Obtain official transcripts
- Submit Résumé
- Compose a Personal Statement

http://TDIeducation.dartmouth.edu
Dartmouth College

Founded in 1769 - member of the Ivy League

Dartmouth undergraduate population: 4,300

Dartmouth graduate student population: 1,500

Dartmouth-Hitchcock Medical Center

Largest medical center north of Boston, MA

U.S. News & World Report named DHMC one of America’s best hospitals

TDI Students use this facility as a learning lab

The Region

Nestled between the Green Mountains of VT and the White Mountains of NH

The Appalachian Trail runs through Hanover

2 hours from Boston—3 hours from Montreal

Numerous arts opportunities on campus and in the surrounding communities
Class of 2010

“...TDI students expect more from their graduate program. We can’t imagine giving them anything less.”