

FACTS & FIGURES

Sliding scale

Forces that foster, and counteract, the obesity epidemic.



34%

Percentage of U.S. adults who were obese in 2007
(with obesity defined as having a body mass index of 30 or more)

24%

Percentage of New Hampshire adults who were obese in 2007

30

Number of states with an obesity rate of 25% or more in 2007

0

Number of states with an obesity rate of 15% or more in 1987

2008

Year that Dartmouth economist David Blanchflower released a study demonstrating the phenomenon of "imitative obesity," whereby people are subconsciously influenced by the weight of those around them

453

Number of bariatric surgeries performed at DHMC from 2003 to 2006

87% / 68%

Percentage of those cases—laparoscopic and open, respectively—in which patients lost at least half their excess body weight within a year

59%

Percentage of U.S. adults who do no vigorous leisure physical activity

3.3

Miles of walking trails maintained on the DHMC campus for the use of patients, their families, visitors, and employees

SOURCES: MEDICAL NEWS TODAY, NATIONAL INSTITUTES OF HEALTH, CENTERS FOR DISEASE CONTROL AND PREVENTION, DARTMOUTH-HITCHCOCK MEDICAL CENTER

Graduates don't escape without being asked a few more questions

To earn their caps and gowns, the 2008 DMS graduates had already taken their fair share of exams (and then some, a few might have asserted). Even so, the speakers at Class Day, on June 7, wouldn't let the graduates go without posing a few final questions.

The quizzing began with Dr. Stephen Atwood, who gave the keynote address. "Why are you so important?" he asked the men and women at the front of Leede Arena. Because, he continued, doctors, scientists, and public-health officials are involved in some of the most significant events in people's lives.

True: That has certainly been true of Atwood himself, a regional advisor for UNICEF in East Asia. Atwood's career, said Dr. William Green, DMS's dean, "epitomizes what we value" in physicians.

A 1970 graduate of DMS, Atwood discussed his experiences in Vietnam, where he worked with government officials to address that nation's health-care problems. "Why am I telling you this?" he asked. Because, he said, again answering his own question, "the elements of the situation in Vietnam—half a world away—are common to almost all countries in the world today, including our own."

Atwood explained some of the consequences of globalization for those in science and medicine. The world is linked

more closely than ever before, he said, so the question now "is no longer whether we should transform social agendas to create social equity, but rather 'What is the best way to do it?'"

Peers: Next came two student speakers, chosen by their peers. M.D. graduate Andrew Saunders recounted his experiences at a hospital in Tanzania, where he'd encountered a young boy with kidney problems. The condition was treatable, but the hospital and the family lacked the necessary resources. As a result, the boy was expected to die within the week. The story prompted Saunders to ask his classmates: "Why did we want to go to medical school in the first place?" Not, he suggested, to find "the eventual comfortable job."

Micah Benson, about to earn a Ph.D. in microbiology and immunology, was the graduate student speaker. He pondered a question he said he's often asked: "What do you do as a scientist?" It's important, he continued, to be able to provide a good response: "We, as scientists, need to explain our discoveries and contributions to the world."

Answers: Class Day brought a few answers as well as all those questions, including the names of the recipients of the Medical School's top awards. João Pedro Teixeira received the Dean's Medal, which goes to the top M.D. graduate; Eric Arehart received the Strohbehn Medal, for the top Ph.D. graduate, for his work in pharmacology and toxicology; and Courtney McIluff earned the Good Physician Award. See the box on page 10

REEL-TIME: A webcam atop DMS's Dana Library offers a bird's-eye view of the soon-to-be Life Sciences Center. To see the construction site, plus a time-lapse video of the demolition of Strassenburgh Hall, go to www.dartmouth.edu/~biomed/webcam.html.



for all the prizes awarded to '08s.

Awards were also given out to three of the class's teachers. Dr. Joshua Mancini, a surgery resident, received the Thomas P. Almy Housestaff Teaching Award; Dr. Mara Rendi the Basic Science Teaching Award; and Dr. David Nierenberg the Clinical Science Teaching Award.

Diplomas: In all, 168 DMS students were handed diplomas this year: 62 M.D.'s; 25 Ph.D.'s (10 in microbiology and immunology, six in biochemistry, five in genetics, two in pharmacology and toxicology, one in physiology, and one in health policy and clinical practice); 55 M.P.H.'s; and 26 M.S.'s (one in biochemistry, one in microbiology, two in pharmacology and toxicology, and 22 in health policy and clinical practice).

At the College's graduation ceremony the next day, the honorary-degree recipients included two eminent scholars in science and medicine: Thomas Cech, a Nobel Laureate in chemistry, and Evelyn Fox Keller, a historian of science.

Oath: Class Day closed with a recitation of the Hippocratic Oath, in Greek by noted Dartmouth College language professor John Rassias and in English by the graduates and faculty.

The 2008 graduates then recessed, perhaps pondering one last question posed by Saunders: "How will you repay your obligation to a world that has granted you so much? You may enlist the help of anyone you wish; you are allotted exactly one lifetime to compose your answer."

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Class of 2008 Prizes and Awards



Dean's Medal João Teixeira

Good Physician Award Courtney McIllduff

John W. Strohbehn Medal for Excellence in Biomedical Research
Eric Arehart

Frederic P. Lord Award in Anatomy Jessica Hayward

Department of Anesthesiology Award Natacha Zamor

Department of Medicine Paul Gerber Award Christina Devine

American Academy of Neurology Prize Courtney McIllduff

Barry D. Smith, M.D., Award for Excellence in Obstetrics and Gynecology
Ellen Garvey, Heidi Keup

Saul Blatman Award for Excellence in Maternal and Child Health
Kandice Nielson

Dr. Freddie Fu Orthopaedic Surgery Award Garrett Davis

E. Elizabeth French Award in Pathology
Elizabeth Fingar, Elliott Seeley

New England Pediatric Society Award Colby Wyatt

Department of Psychiatry Award Natalie Riblet

Harte C. Crow Award in Radiology Nicholas Telischak

Arthur Naitove Surgical Scholar Award Douglas Jones

**American Medical Women's Association
Glasgow-Rubin Achievement Citation**

Joan Hier, Jennifer Lacy, Sharon Silveira, Ashlee Walls

Julian and Melba Jarrett Memorial Prize Caitlin Stashwick

Merck Manual Awards

Jennifer Frese, Heather Sateia, Ashlee Walls

Payson-Hampers M.D.-M.B.A. Scholars Award Garrett Davis

John F. Radebaugh Community Service Award
Kathryn Bonafede, Kathleen Richard

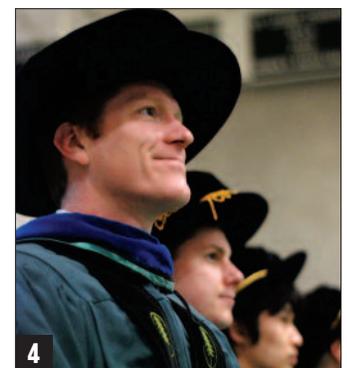
John and Sophia Zaslow Prize Kathleen Richard

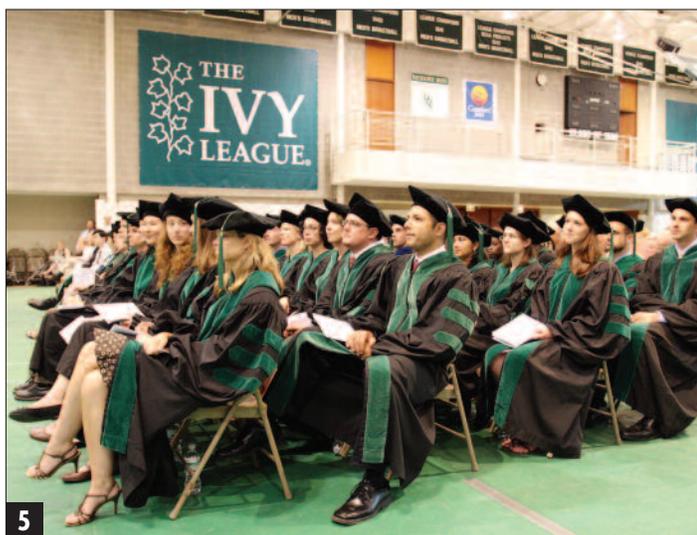
Douglas P. Zipes, M.D., Research Prize Preethi Ramaswamy

C. Everett Koop, M.D., Courage Award Robert Lampman

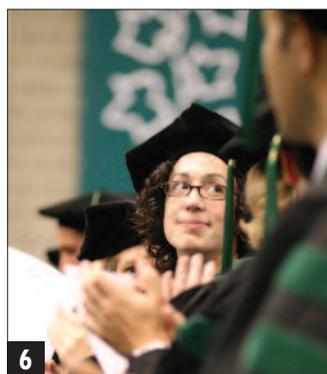
Rolf C. Syvertsen Fellow and Scholars

Elizabeth Fingar, Brian Jones, Heidi Keup, Ashlee Walls





5



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ALL: RYAN SQUIRREL GRAPHICS

THEN & NOW

A reminder of the pace of change, and of timeless truths, from remarks by the late Dartmouth President James O. Freedman at DMS's 1997 bicentennial symposium:

"For its first 10 years, Nathan Smith was Dartmouth Medical School's only faculty member. . . . Yet even under such austere conditions, Smith impressed the proper authorities. After attending one of Smith's lectures, Dartmouth's second president, John Wheelock, is said to have offered this prayer in the College chapel: 'O Lord, we thank Thee for the Oxygen Gas; we thank Thee for the Hydrogen Gas; and for all the gases. We thank Thee for the Cerebrum; we thank Thee for the Cerebellum; and for the Medulla Oblongata. Amen.'"



2,188

Number of DMS faculty members in 2008



7



8



9



10



11

As the crowds gathered for DMS's 2008 Class Day festivities, **1** bagpipers James Feeney '00, left, and Katherine MacInnes '11 warmed up their chanters (they were joined in the procession by Travis Matheny '00, not pictured), while **2** internist Mark Splaine, left, straightened Nathaniel Jones's regalia (they were two of the faculty hooders). Then it was into Leede Arena to hear a keynote address by **3** Stephen Atwood '70. The ceremony also included the presentation of awards, including to **4** pharmacology-toxicology grad Eric Arehart. **5** The 62 M.D. grads included **6** Rachel Kornik. Also reveling in the festivities were **7** M.D. grads, from the left, Laura Shively, Rebecca Rotello, and Ashlee Walls; **8** Dean Bill Green, center, and a couple of crimson-hooded colleagues; **9** microbiology-immunology grads Shelly Krebs, left, and Francisca Maira; **10** M.D. grads Vadim Ioselevich, left, and Christopher Jordan; and **11** health policy and clinical practice grads Dai Nguyen, left, and Olubadewa Fatunde.