

DARTMOUTH MEDICINE seeks to convey the breadth and depth of the education, research, and clinical activities of DMS and DHMC; to serve as a publication of historical record; to stimulate thought and discussion on issues in medicine and medical education; and to reflect the range of opinions and activities among Dartmouth medical students, faculty, and alumni. Abbreviations used in these pages include DMS (Dartmouth Medical School), DHMC (Dartmouth-Hitchcock Medical Center), MHMH (Mary Hitchcock Memorial Hospital), and DC (Dartmouth College). The opinions of contributors do not necessarily reflect those of DMS or DHMC.

DARTMOUTH MEDICINE is published four times a year—the Fall issue in mid-September, Winter in mid-December, Spring in mid-March, and Summer in mid-June.

We are happy to send DARTMOUTH MEDICINE—on a complimentary basis—to anyone who is interested in the subjects we cover. Call or write (see below) if you'd like to be added to our rolls. Please note, however, that the complimentary subscription offer can be extended only to U.S. addresses.

Our mailing list comes from seven separate databases, so some readers may receive more than one copy. Please share extras with someone else, or let us know (see our contact information below) the name and address and the codes above your name on all the copies you receive, and we'll be glad to eliminate the duplication.

The contents of this magazine may not be reproduced without permission, but we are often able—and glad—to extend such permission.

To reach DARTMOUTH MEDICINE:
 U.S. Mail: 1 Medical Center Drive
 (HB 7070), Lebanon, NH 03756
 FedEx/UPS: 21 Lafayette Street,
 #303, Lebanon, NH 03766
 Phone: 603-653-0772
 Fax: 603-653-0775
 E-mail: DartMed@Dartmouth.edu
 Web: dartmed.dartmouth.edu

© 2010 Dartmouth College
 DMS28M0310LP



Medicine

SPRING 2010
 VOL. 34, No. 3

A Magazine for Alumni and Friends of Dartmouth Medical School and Dartmouth-Hitchcock Medical Center

FEATURES

Moore and more
 By Amos Esty **26**

Computational geneticist Jason Moore believes that more is needed to parse the human genome than simply more data. He has devised new ways to visualize genetic patterns. He built a supercomputer to crunch statistics faster. And he tweets and blogs regularly about his work.

Working Wonders
 By Jennifer Durgin **32**

Finding a steady job used to be a pipe dream for those with severe mental illness. But now, thanks to a model pioneered at Dartmouth, such individuals are not only finding employment, but also finding that the satisfaction of working lessens their psychiatric symptoms.

Direct Impact **40**

In ways large and small, philanthropy has a direct impact on academic medicine. A recently completed fundraising campaign is having many salutary effects.

Through the Clouds **44**

The emotions involved in medicine are as gripping and poignant as those of any profession. Four individuals with ties to Dartmouth share poems they've written about especially moving events.

ONLINE

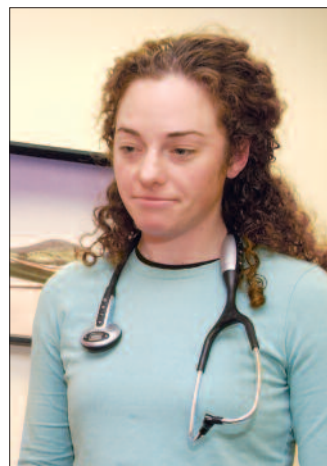
Check out our online edition at dartmed.dartmouth.edu and all of the multi-media **WEB EXTRAS** for this issue at dartmed.dartmouth.edu/sp10/we.



13



32



40

DEPARTMENTS

Discoveries **3**

Drugs are proving versatile 3
 TB vaccine shows benefit 5
 Last is far from least 6
 . . . and more

Vital Signs **9**

Helping out in Haiti 9
 Clinic president is named 12
 A transplant from Tufts 13
 . . . and more

Letters **22**

Point of View **23**

By Tawnya Bowles, M.D.

Grand Rounds **24**

By Samuel Finlayson, M.D.

Student Notebook **25**

By Samuel F. Bakhom, Ph.D.

Transforming Medicine Campaign **48**

Faculty Focus **50**

Kathryn Kirkland, M.D.

Alumni Album **52**

Peter Fitzgerald, M.D.,
 Ph.D., '87

Art of Medicine **64**

Daniel Kaser, M.D.

COVER

No, Dartmouth geneticist Jason Moore isn't playing hooky at the nearest IMAX theater. He has donned these 3D glasses to examine a visual representation of genetic data—fish of various colors and sizes. The associated feature starts on page 26. The photo is by Jon Gilbert Fox.