

Dartmouth Medicine

THE MAGAZINE OF THE GEISEL SCHOOL OF MEDICINE AT DARTMOUTH

SPECIAL FEATURE

32 BACK TO BASICS

The biomedical sciences at Geisel

- Medicine's basic foundation, by William Wickner, M.D.
- Patricia Ernst: From calico cats to cord blood
- Allan Gullidge: Philosophy on the brain
- Henry Higgs: A curious finding
- Yolanda Sanchez: Keeping the faith
- Ruth and Lilian Kabeche: Thinking independently together
- Salvador Almagro-Moreno: Adapting to new habitats
- The scientists of tomorrow (and today): Undergraduate research at Geisel

DAVID M. PHILLIPS/PHOTO RESEARCHERS, INC.

FEATURES

LOOKING BACK AND MOVING FORWARD

Alumna Bonnie Henderson, M.D. (D'89, Med'93), asks Dean Souba about his first two years at the Medical School.

CELEBRATING GENEROSITY AND POSSIBILITY

A day of ceremony; A storybook visit; and "The meaning of a name," by Donald Pease, Ph.D.

PARTNERS IN HOPE

By Amos Esty
In the 1980s, an unusual agreement between the State of New Hampshire and the Medical School's Department of Psychiatry helped revolutionize the treatment of mental illness.

DEPARTMENTS

| | | |
|----|--|---|
| 20 | DISCOVERIES | 5 |
| | A smoking gun in adolescent health | 5 |
| | Improving the odds for children with HIV | 6 |
| | Effective, but not for every patient | 7 |
| 24 | A team effort | 7 |
| | Rooting out a prion's sidekick | 8 |
| | ... and more | |
| 42 | | |

Check out our online edition at dartmed.dartmouth.edu and all of the multimedia **WEB EXTRAS** for this issue at dartmed.dartmouth.edu/f12/we

THE GEISEL SCHOOL OF MEDICINE
Mark Notestine, Ph.D.
Associate Dean for Advancement

Gary Snyder, M.S.
*Associate Vice President of Health
Affairs Communications and Marketing*

Derik Hertel
*Director of Communications
and Marketing*

DARTMOUTH MEDICINE
Amos Esty
Editor

Matthew C. Wiencke
Associate Editor

CONTRIBUTORS
Scott Achs
Rob Bossi
Eli Burak (D'00)
Sandi Caalim (D'13)
Jennifer Durgin
Flying Squirrel Graphics
Jon Gilbert Fox
Alexander Gelfand
Derik Hertel
Tom McNeill
Donald Pease, Ph.D.
Nicola Quatrano (D'13)
Richard Simons, M.D.
Gary Snyder, M.S.
Kate Villars
Lauren Ware
Susan Warner
Mark Washburn
William Wickner, M.D.

DESIGN
Flannel

EDITORIAL BOARD
Mary-Margaret Andrews, M.D.
Dianna G. Baker, M.D. ('10)
James L. Bernat, M.D. (HS'73-77)
Theresa Bryant
Robert S. Foote, M.D.
Sarah G. Johansen, M.D. ('89,
HS'90-93)
Julia Nordgren, M.D. ('99, HS'02-03)
Stephen K. Plume, M.D.
Yolanda Sanchez, Ph.D.
Jessica G. Linden Swienkowski ('14)
Derrick Woodbury, M.D. ('77)

To reach Dartmouth Medicine:
U.S. Mail: 1 Rope Ferry Road
Hanover, NH 03755
(HB 7060)
Phone: 603-650-1224
E-mail: DartMed@Dartmouth.edu
Web: dartmed.dartmouth.edu

© 2012 Dartmouth College



| | | | | | |
|-----------------------------|----------|-------------------------|-----------|-----------------------------|-----------|
| VITAL SIGNS | 9 | GRAND ROUNDS | 19 | ALUMNI ALBUM | 52 |
| Service and ceremony | 9 | By Richard Simons, M.D. | | Jean and Joseph Sanger, '68 | |
| Partnering to improve lives | 10 | | | | |
| Small steps, big strides | 12 | GIVING | 48 | ART OF MEDICINE | 56 |
| . . . and more | | | | Nicola Quatrano ('13) | |

COVER

Clinical advances begin with basic research. See page 32 for more on a few of the contributions made by Geisel scientists.

