



# medicine

at M I C H I G A N

Fall 2007

A PUBLICATION OF THE UNIVERSITY OF MICHIGAN MEDICAL SCHOOL

Body  
and Soul

# IN THE LIMELIGHT

Faculty and student honors and accolades



**Darrell A. Campbell Jr., M.D.** (Residency 1978), is one of only two recipients of the 2007 Eisenberg Patient Safety and Quality Award for Individual Achievement, given by the National Quality Forum, a public-private organization which includes members from all

health care sectors and The Joint Commission, the nation's leading health care accreditation and quality organization. Campbell, who holds the Henry King Ransom Professorship in Surgery and serves as chief of staff and senior associate director of the Hospitals and Health Centers, has worked nationally to make surgery safer for patients, and leads a broad patient-safety and quality-improvement campaign at the U-M to make the Health System the safest medical center in America.



**Susan Dorr Goold** (M.D. 1987, Residency 1992), associate professor of internal medicine and one of the founders of the U-M Bioethics Program, has been named to the American Medical Association's Council on Ethical and Judicial Affairs. Goold is the only trained

bioethicist on the panel, which includes six leading physicians from various specialties and two physicians-in-training. Practicing doctors, clinical affairs leaders, accrediting bodies, state boards, the courts, media and the public all turn to the *AMA Code of Medical Ethics* for guidance. The council maintains and updates the code, which dates back 160 years.



**Daniel F. Hayes, M.D.**, professor of internal medicine and clinical director of the Breast Oncology Program, was recently named the first recipient of the annual Gianni Bonadonna Breast Cancer Award by the American Society of Clinical Oncology and the ASCO Founda-

tion. The award recognizes Hayes' clinical and laboratory work which has advanced the management of breast cancer worldwide.

**Timothy R.B. Johnson, M.D.** (Residency 1979), Bates Professor of the Diseases of Women and Children and professor and chair of obstetrics and gynecology, has been admitted as a fellow

## TWO SELECTED AS HOWARD HUGHES MEDICAL INSTITUTE INVESTIGATORS

Two U-M researchers are among the 15 top physician-scientists nationally who were appointed Howard Hughes Medical Institute investigators in October, one of the highest honors a medical scientist can receive.

**Arul Chinnaiyan** (M.D. and Ph.D. 1999), the S.P. Hicks Collegiate Professor of Pathology, professor of urology and director of the Michigan Center for Translational Pathology, researches the genes, proteins and other markers on cells to develop new diagnostic tests, screening tools and targeted treatments for cancer and other diseases. Chinnaiyan's team has shown that fusion of genes actually causes prostate cancer to develop. The center brings together experts in genomics, proteomics and bioinformatics to examine common patterns and potential targets in cancer and other diseases.



**Friedhelm Hildebrandt, M.D.**, the Frederick G.L. Huetwell Professor for the Cure and Prevention of Birth Defects and professor of pediatrics and of human genetics, is an internationally known expert in the genetic basis of several severe kidney diseases that cause early renal failure in infants and children. His discoveries have led to new insights into the common roots of congenital kidney, eye and other diseases. In 2003, his lab discovered that common to these diseases is a defect in the function of cilia, structures cells use for communication with the outside (see "Secrets of the Cilia," page 20). His goal is to discover all the principal genes involved in the diseases he studies to develop effective screening tests and treatments.



Through its flagship investigator program, the prestigious Howard Hughes Medical Institute has joined with more than 60 distinguished U.S. universities, hospitals, institutes and medical schools to provide long-term support for Hughes investigators and their research teams.

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## INSTITUTE OF MEDICINE INDUCTS DEPARTMENT CHAIR

**Theodore Lawrence**, M.D., Ph.D., the Isadore Lampe Collegiate Professor and chair of the Department of Radiation Oncology, is among 65 new members nation-wide elected to the prestigious Institute of Medicine.



Lawrence joined the Medical School faculty in 1987. He and his research team have developed combined treatments of intensified chemotherapy and radiation that have extended survival for pancreatic cancer patients. Lawrence and others also have developed a treatment that delivers chemotherapy drugs directly to the liver and pinpoints radiation on tumors while sparing vital liver tissue. With colleagues at the Comprehensive Cancer Center, Lawrence pioneered a type of MRI called a functional diffusion map that helps physicians determine early on if treatment is working for patients with brain tumors.

Established in 1970 by the National Academy of Sciences, the institute is a national resource for independent, scientifically informed analysis and recommendation on human health issues. Total membership now stands at 1,692.



*ad eundem* of the Royal College of Obstetricians and Gynaecologists in London. Johnson was also made an Honorary Fellow of the Ghana College of Physicians and Surgeons and presented a lecture entitled "The Road to Achieving Excellence in Maternal Fetal Medicine" at the college's Annual Scientific Meeting in Accra, Ghana. Johnson also assumed the editorship of the *International Journal of Gynecology and Obstetrics* in February. The September issue, his first as editor, was a special edition titled "Women's Health and Safe Motherhood: Celebrating the Twentieth Anniversary of the Safe Motherhood Initiative."



**Anna Lok**, M.D., professor of internal medicine, has been selected to receive the Hepatitis B Foundation's 2008 Distinguished Scientist Award. The award is the highest scientific honor conferred by the foundation, and recognizes Lok's outstanding contributions to the science and medicine of hepatitis B, as well as her advocacy for hepatitis B research and care.



**Howard Markel** (M.D. 1986), Ph.D., was elected to the American Clinical and Climatological Association, one of the oldest and most prestigious medical societies in the nation. Founded in 1884 by a group of physicians and scientists to improve medical education, research and practice, its initial focus was tuberculosis and its treatment by residence in a suitable climate; over time, the association expanded its field of interest to all aspects of medicine. Members are selected on the basis of leadership and excellence in their chosen field. Markel is the George E. Wantz Professor of the History of Medicine, director of the Center for the History of Medicine, and a professor of pediatrics and communicable diseases and of psychiatry.

The American Academy of Physical Medicine and Rehabilitation has awarded the **Michigan Spinal Stenosis Study Team** the Education Research Fund Best Paper Award, the highest research

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## MARILYNN ROSENTHAL SERVED MEDICAL SCHOOL, DEARBORN CAMPUS

**Marilynn M. Rosenthal** (Ph.D. 1976), adjunct professor of internal medicine and associate director of the Medical School's Society and Medicine Program for more than a decade, died August 9, 2007, of cancer at the age of 77. She also served as director of the Health Policy Studies program at the U-M-Dearborn.

Rosenthal's primary research interests focused on comparative health care systems, physician self-regulation, and medical malpractice. She coordinated the Forum on Health Policy since 1994 and was part of the Medical School liberal arts program for premedical students. She had been a visiting scholar, fellow or professor at universities such as Columbia, Dartmouth, Oxford and Harvard.

Rosenthal created the Josh Rosenthal Lecture Series in memory of her son who died in the September 11, 2001, attack on the World Trade Center. After her son's death, Rosenthal turned her research toward terrorism and, at the time of her own death, was nearly finished with a book about the terror attack.

# IN THE LIMELIGHT

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award in the field, for the best research in physical medicine and rehabilitation this year. The team also received the best paper award from the Association of Academic Physiatrists this year, and has compiled more than a dozen other research awards. Members of the team include **Anthony Chiodo**, M.D. (Residency 1987), **Michael Geisser**, Ph.D., **Andrew Haig**, M.D., **Jennifer Miner**, **Douglas Quint**, M.D. (Residency 1986), **Karen Yamakawa**, **John Yarjanian**, M.D. (Fellowship 2004), and the late **Julian Hoff**, M.D.



**Don Nease Jr.**, M.D., associate professor in the Department of Family Medicine, is serving a two-year term as president of the American Balint Society. The society is a collaboration of clinician-teachers who promote the use of intellect, emotion and self-reflection in the doctor-patient relationship, as well as its therapeutic potential. Nease also is serving a two-year term as vice president of the International Balint Federation.



**Erika Newman**, M.D., house officer in the Department of Surgery, was chosen by the Association of Women Surgeons to receive the 2007 Outstanding Woman Resident Award in recognition of a remarkable career in training as well as outstanding potential to contribute to the profession in the coming years.



The Michigan Academy of Family Physicians selected **Eric Skye**, M.D., to receive the Family Medicine Educator of the Year Award, presented annually to the family physician who has excelled in medical education and contributed to the continuing health of Michigan citizens. Skye is an assistant professor of family medicine and director of the Family Medicine Residency Program, and also teaches in the Family Centered Experience, a program which pairs first- and second-year medical students with patients to learn how family, environment, culture and lifestyle play a part in an individual's health.

**M. Catherine Spires**, M.D. (Residency 1992), associate professor of physical medicine and rehabilitation and associate chair of clinical affairs



in the Department of Physical Medicine and Rehabilitation, is among 48 senior women faculty nationwide selected for the 2007-08 class of the Hedwig van Ameringen Executive Leadership in Academic Medicine (ELAM) Program for Women. ELAM is the only national program dedicated to preparing senior women faculty for leadership at academic health centers.



Assistant Professor of Molecular and Integrative Physiology **Xian-Zhong Shawn Xu**, Ph.D., has been named the University of Michigan's only Pew Scholar for 2007. Xu and 19 other exceptional researchers were selected as 2007 Pew Scholars in the Biomedical Sciences. The program, funded by Pew through a grant to the University of California,

San Francisco, invests in early- to mid-career scientists; each scientist receives support for his or her research over a period of four years and gains inclusion into a unique community of scientists that encourages collaboration and exchange of ideas.

The following faculty members were recently appointed or reappointed, for five-year terms, to endowed professorships within the Medical School: **David A. Bloom**, M.D., the Jack Lapides Professor of Urology; **Darrell A. Campbell Jr.**, M.D. (Residency 1978), the Henry King Ransom Professor of Surgery; **Gerard M. Doherty**, M.D., the Norman Thompson, M.D., Professor of Surgery; **Sid Gilman**, M.D., the William J. Herdman Professor of Neurology; **John F. Greden**, M.D., the Rachel Upjohn Professor of Psychiatry and Clinical Neurosciences; **Steven L. Kunkel**, Ph.D., the Pathology Research Endowed Professor; **Howard M. Sandler**, M.D., the Newman Family Professor of Radiation Oncology; **Thomas W. Wakefield**, M.D. (Residency 1984, Fellowship 1986), the S. Martin

## IN PRINT

Books and journals written or edited by Medical School faculty

By **Frederic C. Blow**, Ph.D., professor of psychiatry; and **David W. Oslin**, M.D.: *The Clinical Innovators Series: Older Adults & Addiction: Clinician's Manual*. Hazelden, 2007. Also, edited by **Frederic C. Blow** and **Martha Sajatovic**, M.D.: *Bipolar Disorder in Later Life*. The Johns Hopkins University Press, 2007.

Edited by **Kyung J. Cho**, M.D., William Martel Collegiate Professor of Radiology, and **Irvin F. Hawkins**, M.D.: *Carbon Dioxide Angiography: Principles, Techniques, and Practices*. Informa Healthcare USA Inc., 2007.

By **Kevin C. Chung**, M.D. (Residency 1994), professor of plastic surgery: *Hand and Wrist Surgery: Operative Techniques*, volumes 1 and 2. Mosby Elsevier, 2007.

By **Laura Cooling**, M.D., associate professor of pathology; **Marian Petrides**, M.D.; **Gary Stack**, M.D., Ph.D.; and **Lanne Y. Maes**, M.D.: *Practical Guide to Transfusion Medicine*, second edition. AABB Press, 2007.

By **Scott A. Flanders**, M.D., associate professor of internal medicine; **Winthrop F. Whitcomb**,

Lindenauer Collegiate Professor of Vascular Surgery; **Jeffrey S. Warren**, M.D. (Residency 1988), the Aldred Scott Warthin Professor of Pathology. [m](#)

## Corrections

The summer issue, on page 32, incorrectly identified the relationship between benefactor Patricia E. Schemm and Ferdinand Ripley Schemm; Ferdinand was Patricia's brother-in-law. On page 35, we titled alumnus Joel Young as both psychiatrist and neurologist; he is, in fact, a psychiatrist with added qualifications in geriatric and forensic psychiatry and a diplomate of the American Board of Psychiatry and Neurology. Finally, on page 41, faculty member William F. Chandler, M.D., is a professor of internal medicine and neurosurgery – not neurology. Our apologies to all.

## BEST DOCS: MANY ARE AT THE U-M

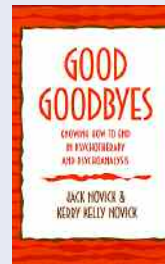
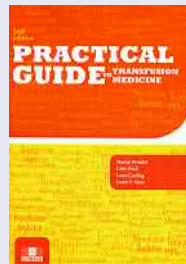
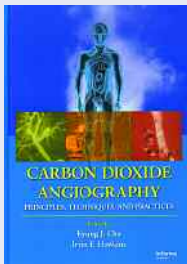
The new national list of the *Best Doctors in America* included 370 U-M physicians, up from 294 who were named in the last listing two years ago. This recognition puts these physicians among the top 3 to 5 percent of American doctors in their specialties.

U-M physicians were recognized in nearly every medical specialty category, reflecting the broad scope of adult and pediatric care provided at the Health System.

## Michigan's Continuing Medical Education Program

Anesthesiology ... radiology ... obstetrics and gynecology ... these are but a few of the upcoming topics in the U-M Continuing Medical Education program.

For information on course content, dates and locations, visit the Department of Medical Education Web site at [www.med.umich.edu/meded](http://www.med.umich.edu/meded), call (734) 763-1400 or (800) 800-0666, or e-mail [OCME@umich.edu](mailto:OCME@umich.edu).



M.D.; Steven L. Cohn, M.D.; Franklin A. Michota, M.D.; Russell Holman, M.D.; Richard Gross, M.D.; and Geno J. Merli, M.D.: *Comprehensive Hospital Medicine: An Evidence-Based Approach*. Saunders Elsevier, 2007.

By **Jon A. Jacobson**, M.D., professor of radiology: *Fundamentals of Musculoskeletal Ultrasound*. Saunders Elsevier, 2007.

By **Jack Novick**, Ph.D., adjunct clinical associate professor of psychiatry, and Kerry Kelly Novick: *Good Goodbyes: Knowing How to End in Psychotherapy and Psychoanalysis*. Jason Aronson, 2006.

By **Alan R. Saltiel**, professor of internal medicine and of molecular and integrative physiology, and Jeffrey E. Pessin: *Medical Intelligence Unit: Mechanisms of Insulin Action*. Landes Bioscience and Springer Science+Business Media LLC, 2007.

By **Jon K. Sekiya**, M.D. (Residency 2001), associate professor of orthopaedic surgery, and Mark D. Miller, M.D.: *Sports Medicine: Core Knowledge in Orthopaedics*. Mosby Elsevier, 2006. Also by **Jon K. Sekiya**; Neal S. El Attrache, M.D.; Christopher D. Harner, M.D.; and Raffy

Mirzayan, M.D.: *Surgical Techniques in Sports Medicine*. Lippincott Williams & Wilkins, 2006. Edited by **Jon K. Sekiya** and Steven B. Cohen, M.D.: *ACL Graft and Fixation Choices: Clinics in Sports Medicine*, volume 26, number 4. Elsevier, 2007.

Edited by **Kenneth Silk**, M.D., professor of psychiatry; Kate Davidson, Ph.D.; and Roger Mulder: *Personality and Mental Health: Multidisciplinary Studies from Personality Dysfunction to Criminal Behaviour*, volume 1, number 1. John Wiley & Sons Ltd., 2007. [m](#)