

BRENDA BOHNSACK, M.D., Ph.D., assistant professor of ophthalmology and visual sciences, received the Career Development Award from Research to Prevent Blindness. The award helps recruit young researchers to ophthalmology and supports junior faculty who have demonstrated potential for independent research. Bohnsack studies congenital eye abnormalities.

WILLIAM CHEY, M.D. (Fellowship 1993), was renewed as co-editor of the *American Journal of Gastroenterology*, a position he was originally named to in 2010. Chey is a professor of internal medicine and directs the Gastrointestinal Physiology Laboratory.

KATHERINE GALLAGHER, M.D., assistant professor of vascular surgery, received the 2012 Wylie Scholar Award from Vascular Cures, a leading non-profit investing in research to develop breakthrough treatments for vascular disease. The award supports her research on the role of stem cells and inflammation in diabetic wounds, specifically how molecular changes within the cells in diabetic patients influence healing.

DAVID GINSBURG, M.D., received a Henry M. Stratton Medal from the American Society of Hematology for his accomplishments in the fields of thrombosis and blood cell immunology. Ginsburg is the James V. Neel Distinguished University Professor of Medicine and Human Genetics, the Warner Lambert/Parke-Davis Professor of Medicine and a professor of pediatrics and communicable diseases. He is also a Howard Hughes Medical Institute investigator and a research professor in the U-M Life Sciences Institute.

SUSAN GOOLD (M.D. 1987, Residency 1992), professor of internal medicine in the Medical School and of health management and policy in the School of Public Health, was elected vice chair of the American Medical Association Council on Ethical and Judicial Affairs. The council maintains and updates the American Medical Association code of ethics guide for physicians.

AMY KILBOURNE, Ph.D., and **GEORGIOS SKINIOTIS**, Ph.D., received 2012 Presidential Early Career Awards for Scientists and Engineers, the nation's highest honor for professionals at the

outset of their independent research careers. President Barack Obama congratulated the 96 awardees at the White House on July 31. Kilbourne is an associate professor of psychiatry in the Medical School and associate director of the VA Ann Arbor Healthcare System's National Serious Mental Illness Treatment Resource and Evaluation Center. Skiniotis is an assistant professor of biological chemistry in the Medical School and a research assistant professor in the Life Sciences Institute. Additionally, Kilbourne received the Klerman Young Investigator Award from the Depression and Bipolar Support Alliance, the nation's largest patient-run organization focused on depression and bipolar disorder.

MATS LJUNGMAN, Ph.D., Medical School associate professor of radiation oncology and School of Public Health professor of environmental health sciences, has been elected to a one-year term as president of the Environmental Mutagen Society. The society consists of scientists interested in the influence of the environment on human health, and plays an important role in the development of environmental protection laws.

(continued on p. 42)



Bohnsack



Chey



Gallagher



Ginsburg



Goold



Kilbourne

Faculty Profile] Jeffrey Kidd: Predisposed to Understanding How Things Work

YOUTH NEVER HAS PRESENTED A BARRIER TO JEFFREY Kidd, Ph.D., whose nascent career already rivals that of a senior basic science researcher.

Kidd, who joined the faculty in the Department of Human Genetics in January as an assistant professor, has drawn considerable attention with his work toward a better understanding of human evolution at the genomic level. Last spring, *Forbes* magazine named him one of its “30 under 30” rising stars in science and innovation. Five of them were also recipients of the Early Independence Award from the National Institutes of Health, including Kidd, who already had coauthored 20 manuscripts by the time he earned his Ph.D. in genome science in 2010 from the University of Washington.

“The idea is that somehow, coded information in the genome gives rise to the tremendous diversity of living organisms that we see,” says Kidd, “and that when things are wrong in that code, it gives rise to genetic diseases. It’s becoming clear that we all are predisposed to different diseases and that we respond in different ways to treatments.” Understanding why that’s the case, he says, will give us basic insight into the effectiveness of diagnosis and treatment.

Sickle cell anemia is, of course, the textbook example of how this might work. “Some people argue that type 2 diabetes could have a similar story,” says Kidd. “If you’re in an environment where food is scarce, you might process it differently than where it’s plentiful.”

The rate at which genetic information is collected and processed has been growing exponentially, increasing challenges as well as possibilities. “There’s always more to do,” Kidd says. “Just in the past four years, the way technology has changed is completely altering what we thought was possible in terms of getting full genomes from every patient that comes in for treatment — or understanding how evolution has acted in different parts of the world to alter allele (gene variants) frequencies over tens of thousands of years. We now have a better understanding of how to interpret these changes. There was even a recent paper arguing in favor of a genomic explanation of why northern Europeans are taller than southern Europeans.”

It’s been said that education is not filling a bucket but lighting a fire. Kidd still remembers who ignited his. “I had a really amazing ninth grade biology teacher — Mr. Shively,” he recalls. “I remember being challenged to think about biology in a molecular way, and to recognize the connections among all of the topics covered in the course. I was always interested in understanding how things worked, and I also got into computers and math at an early age and kind of stumbled on a way of combining those two fields into genomics.”

It’s a thrilling field and, in Kidd’s view, the U-M is an ideal place to be working in it. “There are some exciting opportunities at Michigan to build genomics in terms of its relevance for these clinical applications,” he says. “There’s a massive medical center. There’s expertise across multiple areas. And there are advantages to being physically close to all these people.”

Even though he grew up in the computer era, Kidd values old-fashioned proximity. “Whatever else Web 2.0 has done,” he says, “it’s made Silicon Valley more important as a physical location, not less. The same is true of medical centers.” —JEFF MORTIMER



(continued from p. 40)

HOWARD MARKEL (M.D. 1986), Ph.D., the George E. Wantz Distinguished Professor of the History of Medicine and director of the Center for the History of Medicine, delivered “The First Lecture” for 2012 at the University of California, San Diego Medical Center on September 4. The lecture, an annual event that begins the school’s academic year, is given by a physician-author who is selected by the medical student body. Markel was selected after students read his book *An Anatomy of Addiction*.

JILL MHYRE (M.D. 1999) was named to a four-year term as senior editor for the Joint Council on Anesthesiology Examinations for the American Board of Anesthesiology. Mhyre is an assistant professor of anesthesiology focused on obstetric anesthesiology.

LILLIAN MIN, M.D., assistant professor of internal medicine, won the Epidemiology Presidential Poster Award at the annual meeting of the American Geriatrics Society. She also received special recognition for delivering a plenary session paper, “Geriatric versus general medical conditions have

opposite effects on overall quality of ambulatory care.”

ELIZABETH K. SPELIOTES, M.D., Ph.D., M.P.H., an assistant professor of internal medicine and of computational medicine and bioinformatics, received a 2012 Doris Duke Charitable Foundation Clinical Scientist Development Award. The award provides funding for physician-scientists who are in the process of establishing their own research teams and enables them to secure 75 percent of their professional time for clinical research. Her research focuses on obesity, metabolic diseases and nonalcoholic fatty liver disease.

JAMES C. STANLEY (M.D. 1964, Residency 1970) received the Society for Vascular Surgery’s 2012 Lifetime Achievement Award, the highest honor the society can bestow, in recognition of outstanding and sustained contributions to the profession and to the society, as well as exemplary professional practice and leadership. Stanley is the Marion and David Handleman Research Professor of Vascular Surgery, professor of surgery, associate chair of the Department of Surgery,

and a director of the U-M Cardiovascular Center. He served as the 51st president of SVS from 1997-98.

JOSHUA D. STEIN, M.D. (M.S. 2010), assistant professor of ophthalmology and visual sciences, received the Physician-Scientist Award from Research to Prevent Blindness. The award is given to physician-scientists who are nationally recognized in their subspecialty and extensively engaged in eye research. Stein studies patterns of eye care, racial disparities in eye care, quality of well-being of patients with eye diseases, and the clinical outcomes and cost-effectiveness of ophthalmic interventions.

STEWART C. WANG, M.D., Ph.D., received a public service award from the national Traffic Safety Administration and the Michigan Office of Highway Safety Planning in recognition of his “ability to foster automotive innovations and to make cars safer” in his position as director of the International Center for Automotive Medicine at the U-M. Wang is the Endowed Professor of Burn Surgery and a professor of surgery, as well as director of the U-M Program for Injury Research and Education. —MF



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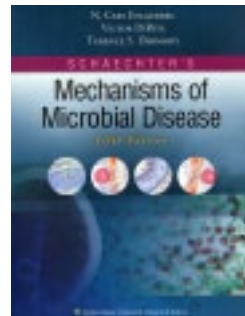
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The U-M Institute for Healthcare Policy and Innovation includes members from more than 30 research groups across the U-M and beyond, focusing on issues ranging from kidney and heart disease to surgical care, children's health and mental health.

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By N. Cary Engleberg, M.D., professor of internal medicine and of microbiology and immunology and chief of the Division of Infectious Diseases; Victor DiRita, M.D., professor of microbiology and immunology; and Terence S. Dermody, M.D.: *Schaechter's Mechanisms of Microbial Disease*, fifth edition. Lippincott Williams & Wilkins, 2012.

By Janet R. Gilsdorf, M.D., professor of pediatrics and communicable diseases: *Ten Days*. Kensington Publishing Corp., 2012.

Edited by Paul J. Grant, M.D., assistant professor of internal medicine; and Amir K. Jaffer, M.D.: *Perioperative Medicine: Medical Consultation and Co-Management*. Wiley-Blackwell, 2012.

By David F. Keren, M.D., professor of pathology: *Protein Electrophoresis in Clinical Diagnosis*. American Society for Clinical Pathology, 2012.

Edited by Catherine Kim, M.D., associate professor of internal medicine and of obstetrics and gynecology; and Assiamira Ferrara: *Gestational Diabetes During and After Pregnancy*. Springer, 2010.

Edited by Peter J.H. Scott, Ph.D., assistant professor of nuclear medicine: *Solid-Phase Organic Syntheses: Solid-Phase Palladium Chemistry*, volume 2. Wiley, 2012. Also edited by Scott and Brian G. Hockley: *Radiopharmaceuticals for Positron Emission Tomography*, volume 1 of *Radiochemical Syntheses*. Wiley, 2012. —RJ

