

ULYSSES G. J. BALIS, M.D., was inducted into the American Institute for Medical and Biological Engineering's College of Fellows in March. Balis, a professor of pathology and director of both the Division of Pathology Informatics and the Pathology Informatics Fellowship Program, was nominated for outstanding contributions to the fields of laboratory instrumentation, pathology bioinformatics and computational imaging in histology image search/analysis.

CAROL BRADFORD (M.D. 1986, Residency 1992), the Charles J. Krause, M.D., Collegiate Professor of Otolaryngology and chair of the Department of Otolaryngology-Head and Neck Surgery, received the Distinguished Service Award at the American Head and Neck Society Annual Meeting in April. Bradford was also elected as Director at Large for the American Academy of Otolaryngology-Head and Neck Surgery, and was part of the Class of 2014 Esteemed Women of Medicine.

ARUL CHINNAIYAN (M.D. and Ph.D. 1999), the S. P. Hicks Endowed

Professor of Pathology, professor of urology and director of the Michigan Center for Translational Pathology, was inducted as a fellow of the National Academy of Inventors in a March 20 ceremony. Chinnaiyan is a U-M Comprehensive Cancer Center member and Howard Hughes Medical Institute Investigator. His research has led to 18 issued patents and more than 30 pending U.S. patent applications stemming from more than 75 new inventions.

DANIEL F. HAYES, M.D., the Stuart B. Padnos Professor of Breast Cancer Research, professor of internal medicine and clinical director of the Breast Oncology Program at the U-M Comprehensive Cancer Center, was elected president of the American Society of Clinical Oncology, the largest oncology professional society in the world. He will serve as president from June 1, 2016, to May 31, 2017, and will be immediate past-president the following year.

CAROLYN JOHNSTON, M.D., was awarded the Humanitarianism and Volunteerism Award during the

Society for Gynecologic Oncology's annual meeting in March. Johnston is a professor in the Department of Obstetrics and Gynecology and principal investigator for the university's Gynecologic Oncology Group clinical research trials.

CHERYL TAYLORE LEE, M.D. (Residencies 1993 and 1997), has joined the Lakeshore Division board of the American Cancer Society. Lee is the Robert H. and Eva M. Moyad Professor of Urology, director of the Department of Urology and director of the Medical School Office of Continuous Professional Development. As a member of the board, Lee will help fulfill the society's mission to eliminate cancer as a major health problem through research, education, advocacy and service.

JOHN LIPUMA, M.D. (Residency 1983, Fellowship 1986), the James L. Wilson, M.D., Research Professor and associate chair of the Department of Pediatrics and Communicable Diseases, received the Dies Natalis 2015 honorary doctorate during a March ceremony in Belgium. Lipuma,

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Balis



Bradford



Chinnaiyan



Hayes



Johnston



Lee

Faculty Profile] Ted Lawrence: Leading the Future of Cancer Care

TED LAWRENCE, M.D., PH.D., STARED INTO THE MIRROR at a spot on the left side of his tongue. After years of studying similar spots as a radiation oncologist, he knew the implications of what he saw staring back at him.

“I had developed tongue cancer,” says Lawrence, the Max Wicha Distinguished Professor of Oncology, and the chair and Isadore Lampe Professor of the Department of Radiation Oncology. “I realized I needed help, and there was only one place I considered going.”

Lawrence was treated at the U-M Comprehensive Cancer Center, where surgeons removed half of his tongue and speech therapists helped him regain his ability to speak. Four years later, he is cancer-free and settling into his new role as director of the Cancer Center, succeeding Wicha, who was the first and only director for the last 27 years.

“I feel like I’ve been training for this job my whole life in some ways,” Lawrence says of his new role. “I’ve invested a lot of energy in my career in developing better processes for patient care. People use the term battling cancer. I actually don’t like that term. I rather think of cancer as a journey that our patients must take, and I want to make that journey go as smoothly as it can by improving the processes by which we get patients into our clinics, treating them efficiently, compassionately and in a timely way and bringing them state-of-the-art clinical research.”

Lawrence has been a member of the U-M faculty since 1987. His own research focuses on using image-guided therapy and chemoradiation combined with molecularly targeted therapies to treat brain tumors, liver cancer and pancreatic cancer. He will continue this research, as well as his patient care activities, while staying on as chair of radiation oncology.

In his new role leading the Cancer Center, Lawrence’s priorities include: intensifying recruitment for experts in clinical trials; extending U-M’s presence in Michigan by building relationships with other providers across the state; further developing research and patient care efforts in precision medicine and other laboratory based areas; and continuing to support the outstanding programs in population sciences and health services research.

“Our strength in precision medicine will allow us to develop individualized care,” Lawrence says. “In some cases, precision medicine means sequencing the genome and trying to choose a drug that targets the cancer driver. In other cases, it can involve adapting treatment to the individual patient response. We can make treatment more precise for the individual patient by starting therapy, assessing the response and changing the treatment mid-course based on the individual patient response.”

A key part of this work, Lawrence says, will be to develop innovative imaging techniques using new forms of MRI to evaluate the patient’s underlying biology and improve upon their care. He also hopes to invest in research in metabolomics, immunotherapy and the microbiome.

“The definition of great care is not simply what we’re doing today,” Lawrence says. “It’s incorporating cutting-edge research and patient education, and training our future physicians at the same time we deliver that care.”

Lawrence says it’s a mission he identifies with as a leader, a scientist and a cancer survivor.

“I feel like I know a little bit about what our patients are going through, and I bring that experience to our patients now,” he says. “I’m so grateful to have received the quality and compassionate care our medical center provides.” — ALLISON WILSON



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also a professor of epidemiology, has collaborated with Ghent University for several years in studying the microbiology of airway infection in cystic fibrosis. He was lauded for leading research that resulted in infection control measures to prevent the spreading of the bacteria that can cause life-threatening infections.

HOWARD MARKEL (M.D. 1986), Ph.D., the George E. Wantz Distinguished Professor of the History of Medicine, professor of pediatrics and communicable diseases, and director of the Center for the History of Medicine, reported on the political and social history of infectious disease epidemics at the President's Commission for the Study of Bioethical Issues, held at the White House in February. Additionally, Markel, a U-M professor of psychiatry, of health management and policy, of history and of English literature and language, was awarded a Guggenheim Fellowship in April. The fellowships are awarded annually for distinguished achievement in the past and exceptional promise for future accomplishment.

DANIEL MORGAN, M.D. (Residency 2002, Fellowship 2005), an associate professor of urology and of obstetrics and gynecology, has been selected as an inaugural member of the American Urogynecologic Society Quality Improvement and Outcomes Research Network, or QI-ORN. The network will support efforts to produce meaningful data that delineates performance gaps, verifies validity and reliability of quality measures, and maintains relevant quality outcomes measures to improve patient safety and care for patients with pelvic floor disorders.

LEWIS MORGENSTERN (M.D. 1990), director of the U-M Stroke Program, was honored by the American Stroke Association at the International Stroke Conference in February. Morgenstern, a professor of neurology, of emergency medicine, of neurosurgery and of epidemiology, received the William Feinberg Award for Excellence in Clinical Stroke for ongoing contributions to clinical science investigation and management of stroke.

SCOTT SOLEIMANPOUR, M.D., earned the 2015 Early Career Development Award from the Central Society for Clinical and Translational Research. The society scores the significance of research findings and honors those believed to have overall promise as investigators. Soleimanpour is an assistant professor of endocrinology and an investigator at the U-M Brehm Center for Diabetes Research, and his research led to the discovery of the diabetes susceptibility gene *Clec16A*, which appears to play a role in quality control of insulin-producing beta cells.

DAVID WILLIAMS, Ph.D., professor of anesthesiology, of internal medicine, of psychiatry and of psychology, has been elected as the next president of the American Pain Society. Williams is one of the lead faculty of the Department of Anesthesiology's Chronic Pain and Fatigue Research Center, and serves as co-director of Research Development within the Michigan Institute for Clinical and Health Research. Williams will first serve as president-elect of the American Pain Society for one year and then move into the position of president for two years.



LiPuma



Markel



Morgan



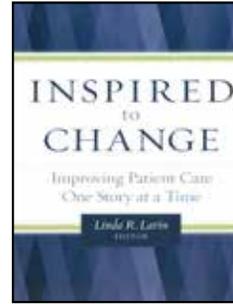
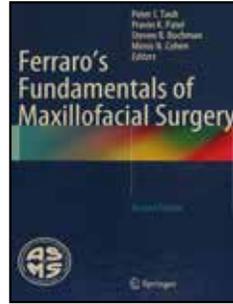
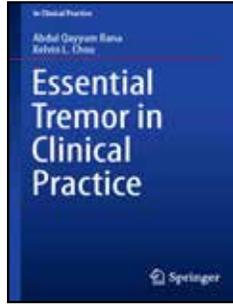
Morgenstern



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Williams



William Chey, M.D. (Fellowship 1993), the **Timothy T. Nostrant**, M.D., Professor of Gastroenterology and of internal medicine, contributed to *Multi-Dimensional Clinical Profile (MDCP): For the Functional Gastrointestinal Disorders*, Rome Foundation, 2015.

Edited by **Hitinder Gurm**, M.D., associate professor of internal medicine: *Renal Complications in the Catheterization Laboratory*, Elsevier, 2014.

Co-written by **Steven Donn**, M.D. (Fellowship 1980), professor of pediatrics and communicable diseases: *Neonatal Pulmonary Graphics: A Clinical Pocket Atlas*, Springer, 2015.

Linda R. Larin, associate director for operations and chief administrative officer of the Frankel Cardiovascular Center, authored *Inspired to Change: Improving Patient Care One Story at a Time*, Health Administration Press, 2013. Contributing writers include: **Edward Bove**, M.D. (Residencies 1976 and 1979), the **Helen F. and Marvin M. Kirsch** Professor of Cardiac Surgery, chair of the Department of Cardiac

Surgery and professor of pediatrics and communicable diseases; **Anthony Denton**, chief operating officer and acting executive director at University Hospitals; **Jonathan Eliason**, M.D. (Fellowship 2004), the S. Martin Lindenauer Collegiate Professor of Vascular Surgery and associate professor of surgery; **James Froehlich**, M.D. (Fellowship 1996), professor of internal medicine, director of Vascular Medicine and of the Anticoagulation Clinic; **Janet Gilsdorf**, M.D., the **Robert P. Kelch**, M.D., Research Professor of Pediatrics and Communicable Diseases Emerita; **Carmen R. Green**, M.D. (Residency 1990, Fellowship 1992), professor of anesthesiology and of obstetrics and gynecology; **Gary D. Hammer**, M.D., Ph.D., the **Millie Schembechler** Professor of Adrenal Cancer, professor of internal medicine, of cell and developmental biology and of molecular and integrative physiology, and director of the Center for Organogenesis and of the Endocrine Oncology Program; **Nell Burger Kirst** (M.D. 2009, Residency 2012), clinical lecturer in family medicine; **Arno Kumagai**, M.D., professor of internal medicine and of learning health sciences, and director of

the Family Centered Experience Program and of the Intensive Insulin Therapy Clinic; **David Pinsky**, M.D., the **J. Griswold Ruth**, M.D., and **Margery Hopkins Ruth** Professor of Internal Medicine, professor of molecular and integrative physiology and director of the Frankel Cardiovascular Center; **James Stanley** (M.D. 1964, Residency 1972), the **Marion and David Handleman** Research Professor of Vascular Surgery and associate chair of the Department of Surgery; and **Robert Winfield** (M.D. 1971, Residency 1974), chief health officer and executive director of the University Health Service.

Co-written by **Kelvin L. Chou** (M.D. 1998), the **Thomas H. and Susan C. Brown** Early Career Professor of Neurology and associate professor of neurosurgery: *Essential Tremor in Clinical Practice*, Springer, 2015.

Steven R. Buchman, M.D., the **M. Haskell Newman** Collegiate Professor of Plastic Surgery, professor of neurosurgery, chief of pediatric plastic surgery and director of the Craniofacial Anomalies Program, co-wrote *Ferraro's Fundamentals of Maxillofacial Surgery*, second edition, Springer, 2014.

