

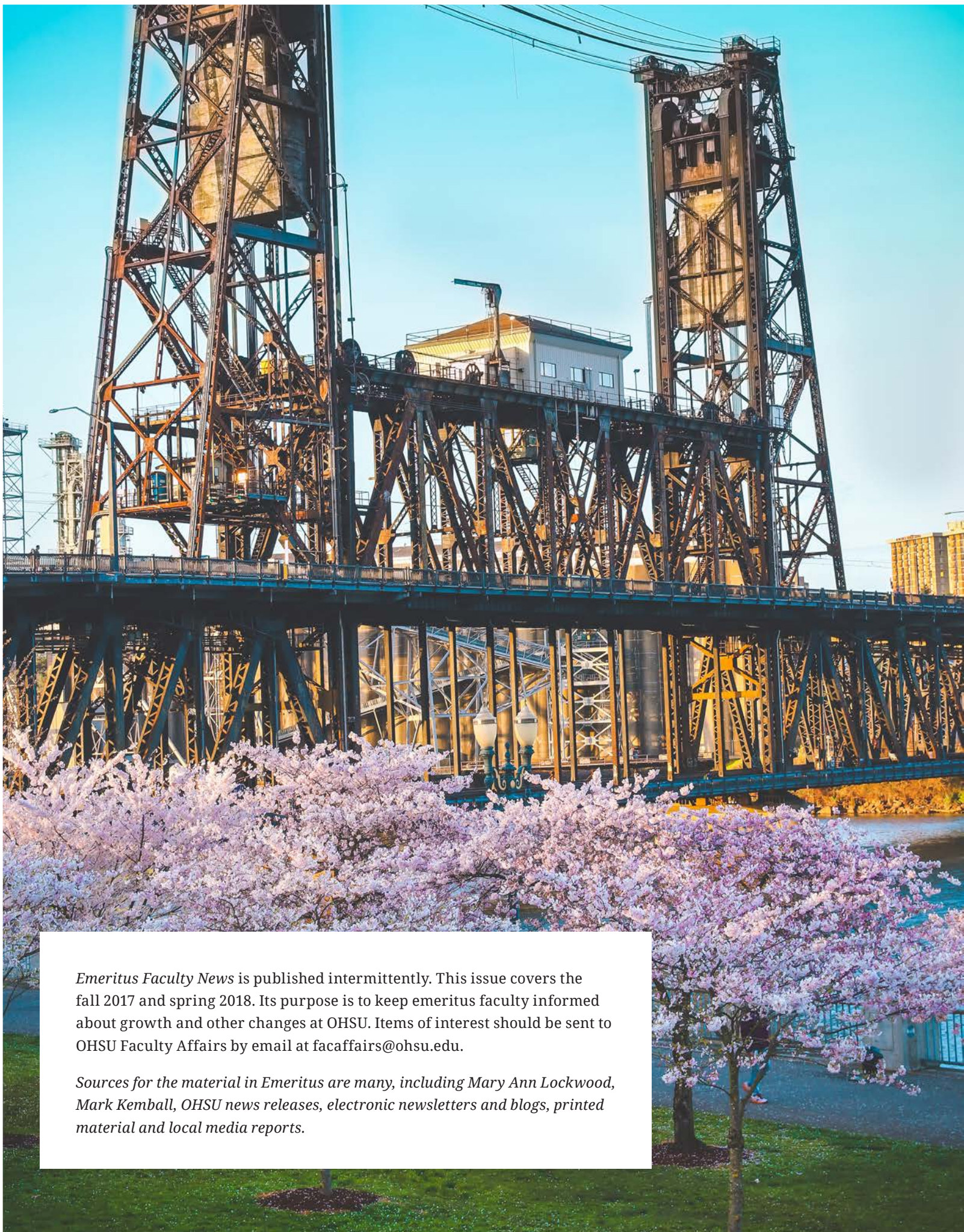


SPRING
2018

Emeritus

A NEWSLETTER FOR OHSU EMERITUS FACULTY





Emeritus Faculty News is published intermittently. This issue covers the fall 2017 and spring 2018. Its purpose is to keep emeritus faculty informed about growth and other changes at OHSU. Items of interest should be sent to OHSU Faculty Affairs by email at facaffairs@ohsu.edu.

Sources for the material in Emeritus are many, including Mary Ann Lockwood, Mark Kemball, OHSU news releases, electronic newsletters and blogs, printed material and local media reports.



NEWS BRIEFS

OHSU and Adventist Health integrated their clinical services effective Jan. 1, 2018. Under this affiliation, OHSU and Adventist Health will share a bottom line and operate as a unified health system. The affiliation applies to OHSU's Portland area clinical services and activities, and Adventist Health Portland, which includes its 302-bed medical center and its 34 medical clinics and home care and hospice services in the Portland-Vancouver metro area. "Our affiliation brings together the strength of a respected community hospital system in the metro Portland area with that of the only academic health center in Oregon," said President **Joe Robertson, M.D., M.B.A.** "The focus Adventist Health Portland has put on quality care and preventive medicine in its community is especially well-regarded and complementary to OHSU's mission."

OHSU Doernbecher Children's Hospital is now verified as a Level 1 Pediatric Trauma Center and a Level 1 Site for Children's Surgery, according to the American College of Surgeons. "This acknowledgment means that families can be assured that from the moment they walk through our doors, they will receive the highest-quality care, specifically designed to meet the needs of their child," said **Ken Azarow, M.D., F.A.C.S., F.A.A.P.**, interim chair of surgery and surgeon-in-chief, OHSU Doernbecher. To achieve Level 1 verification, Doernbecher had to meet the rigorous capability and performance guidelines set forth by the American College of Surgeons for multidisciplinary, high-quality trauma and surgery care tailored to the needs of children of every age, size and diagnosis. "

In the first installment of a new lecture series focused on health equity that is the brainchild of **Brian Gibbs, Ph.D., M.P.A.**, vice president, equity and inclusion, Harvard sociologist David R. Williams, Ph.D., M.P.H., an internationally renowned scholar in the social determinants of health, addressed a crowd of 750 community members, health care providers, public health advocates, students and public officials in February. Williams's lecture, "Getting to health equity," addressed how race can profoundly affect health in America. Earlier that day, Williams lunched with OHSU leaders, faculty and guests, and led a discussion with students. At the lunch, hosted by the Department of Family Medicine, **Brian Frank, M.D.**, assistant professor of family medicine, laid out the costs of race-based health disparities — such as in emergency room visits, hospital readmissions, lost workforce productivity, higher insurance costs, depressed high school graduation rates and reduced workforce competitiveness. Williams likens the impact of discrimination over time to the continuous dripping of water on concrete. A few drops today or next week mean nothing. But, over time, the constant drip, drip, drip wears away at even the hardest of surfaces. The health analogy for African-Americans is the documented disparate levels of cardiovascular disease, cancer and, ultimately, premature death. "Discrimination is literally killing people," Williams said. He ended his remarks at Maranatha Church with a call to action. We must reach a point where we say, "This will not happen on our watch. Not in our country will we keep groups subjugated based on the color of their skin," he said. "We need to look at the challenges we face with new eyes and say, 'This is unacceptable in our country,' and work together to eliminate it. It is in our national interest to do this."

The U.S. Food and Drug Administration has approved the use of a new gene therapy, Kymriah, also known as CTL109 or tisagenlecleucel, for one of the most common and lethal forms of cancer in children and young adults — acute lymphoblastic leukemia, or ALL. Doernbecher Children's Hospital is the first hospital in the Pacific Northwest — and only one of a handful of certified treatment centers in the nation — to offer this urgently needed therapy. “It is not uncommon for ALL patients to undergo multiple treatments, including bone marrow transplant, chemotherapy or radiation throughout their medical journey,” said **Eneida Nemecek, M.D., M.S., M.B.A.B.**, director of the pediatric bone marrow transplantation program at Doernbecher. “Unfortunately, these options are not effective for all patients, and nearly 20 percent of the 3,500 pediatric and adolescent patients diagnosed with ALL every year in the United States relapse or don't respond to these conventional treatments.”

OHSU will be one of just four institutions nationwide to initially provide a new gene therapy treatment for a form of blindness that affects both children and adults. The treatment — Luxturna, developed by Spark Therapeutics of Philadelphia — was approved by the Food and Drug Administration on Dec. 19 for patients 12 months and older, making it the first approved gene therapy for an inherited disease in the U.S. Luxturna has been shown to improve visual function in children and adults with inherited retinal disease caused by mutations in a gene called RPE65. OHSU's Casey Eye Institute plans to start providing the treatment sometime in 2018.

The Columbia Memorial Hospital-OHSU Knight Cancer Collaborative opened its doors to patients in Astoria, Ore., on, Oct. 2, 2017. The 19,600-square-foot facility expands existing medical oncology and chemotherapy treatment services, and brings much-needed radiation oncology and radiation therapy

to the north Oregon coast. “We believe where you live shouldn't dictate the care you receive, and this beautiful new center will provide patients access to the latest treatment technologies and approaches to care,” said **Ann Raish, M.H.A.**, vice president of oncology services at the Knight Cancer Institute. “The expansion of this collaboration will better equip us to provide personalized care to patients across this region.”

Health care students from across the state offered uninsured and underinsured Oregonians access to free medical check-ups, personal hygiene items, dental, vision and hearing exams, among other services, as a part of the annual Health Care Equity Week Health Fair Oct. 29 in Portland's Pioneer Courthouse Square. Students and faculty from the OHSU schools of Medicine, Nursing and Dentistry, and the OSU/OHSU College of Pharmacy worked with other volunteers and organizations from the Portland community, including the OSU College of Veterinary Medicine and the Pacific University College of Optometry, to offer on-site, routine exams and services, schedule follow-up medical appointments, provide resources for addiction, mental health, housing and more. “It's a way to give back to the community and provide vulnerable people some critically needed care, and the students learn community service,” said **Mary Lloyd-Penza, M.S.N.ed, R.N.**, a clinical instructor in the School of Nursing/VA Portland Health Care System.

The Office of the Provost in partnership with the Faculty Senate administered a faculty survey in May 2016. While the survey's Final Summary Report was shared with the faculty and other stakeholders in May 2017, senate members and administration have continued to analyze and address findings outlined in the report. Most recently, this group examined concerns about differences in the experience of women and underrepresented

minorities. In summary, the results reveal that women report they have less opportunity and lower quality of experiences than their male colleagues, as do underrepresented minority faculty. Minority faculty also report lower scores for department commitment to diversity, raising concerns without fear, and have experienced or observed harassment and discrimination at much higher levels than other faculty. As **Provost Elena Andresen, Ph.D.**, described to the senate, “That these differences exist at OHSU in 2016 is deeply concerning and deserves urgent attention and comprehensive resolve of all levels of the OHSU community to produce change.” In the initial overall Final Summary Report and in this follow-up report on gender and underrepresented faculty, there are a number of institutional initiatives that have been implemented or are in development that address these equity disparities. This follow-up report underscores the urgency of these and other efforts at the institution to assure that all faculty enjoy a fair experience.

In October, OHSU, OSU and PSU students opened the Bridges Collaborative Care Clinic, a fully student-run, inter-professional, free clinic aiming to provide care to the underserved communities in the Portland area. The students have partnered with Transition Projects Inc., a non-profit in the heart of Portland, to build the clinic from the ground up. The clinic, located at Transition Projects’ Clark Center Annex, offers direct health screening, health and social services and health education clinics to all individuals regardless of insurance status. The goal of the clinic is to help meet the growing health needs of underserved populations while also enhancing students’ professional education. Under the supervision of licensed health care practitioners, the Bridges Collaborative Care Clinic operates two Saturdays per month. A second clinic space specializing in dental services will open at Transition Projects’ Bud Clark Commons next year.

A new exam has been created to help fourth-year medical students master ethical and professional communications. The students are evaluated on how well they delivered a death notification to a professional actor who portrayed the grief-stricken friend. “Medical schools have been teaching communications for some time,” said **George Mejicano, M.D.**, senior associate dean for education in the School of Medicine. “But while most of the emphasis has been on what I would call the more simplistic aspects of communications, OHSU is now focusing more on the ethical aspects of sharing information in emotionally charged situations. Many of us, unfortunately, have had personal experience in giving and receiving difficult news that’s frankly given in a poor manner.” Years of interviews with patients and their families has helped **Susan Tolle, M.D.**, director of the OHSU Center for Ethics in Health Care, understand what can go wrong. A physician may not make eye contact, stand in a doorway instead of sitting down with a patient or perhaps provide a long string of technical explanations in lieu of using terms the patient can understand and pausing to let information sink in. “If you don’t deliver tough news well, the impacts can last forever,” said Tolle, who is also a professor of internal medicine and geriatrics in the School of Medicine.

Training Dental Hygienists to Place Interim Therapeutic Restorations is a dental pilot project currently being implemented in Oregon by School of Dentistry’s Community Dentistry program with partners Capitol Dental Care and University of the Pacific’s Arthur A. Dugoni School of Dentistry. The goal of the project is to develop innovative practices in oral health care delivery systems to provide care to populations that evidence-based studies have shown have the highest disease rates and the least access to dental care.

Owen McCarty, Ph.D., Sandra Rugonyi, Ph.D., and Monica Hinds, Ph.D., are creating a 10-week research experience introducing undergraduate students to research careers in cardiovascular sciences. The program will launch in the summer of 2018 and is funded by a three-year grant from the American Heart Association.

In response to declining numbers of physician-scientists across the U.S. and at OHSU, the School of Medicine will launch the Physician-Scientist Program in FY 2019 to better support clinician-scientist faculty across the career continuum who are conducting research. The program, still under development, will provide support in a number of areas, including career development, protected research time and networking and collaboration opportunities. It will also offer dean's office financial support to help in recruitment and retention efforts. The program will augment existing efforts such as Oregon Clinical and Translational Research Institute support and services available to investigators conducting translational or clinical research. Dean **Sharon Anderson, M.D.,** tapped **Jeanne-Marie Guise, M.D., M.P.H.,** professor of obstetrics and gynecology, School of Medicine, to lead the program as director of physician-scientist development. "As a physician-scientist myself, I'm passionate about this strategic initiative and am delighted Jeanne-Marie is leading this effort," said Anderson. "It's critical that we better support the work of physician scientists whose contributions strengthen our entire institution."

OHSU learned that 100 percent of the M.D. class of 2018 had matched to a residency program, a key indicator that the curriculum is generating desirable, well-prepared emerging physicians. The national average for matching is 93 percent. This year's match was especially significant for OHSU because the M.D. class of 2018 is the first full group to experience the YOUR MD curriculum, a more personalized,

integrated learning experience that favors active learning and allows students to demonstrate competency in core areas, in some cases graduating sooner than the standard four years.

A \$10 million gift from The Harry T. Mangurian Jr. Foundation will help the Leukemia & Lymphoma Society expand the Beat AML Master Trial underway at the Knight Cancer Institute and other leading cancer centers. Launched in 2016, the trial aims to speed up the search for new treatments by matching patients with one of several different drugs selected to block a specific tumor mutation or signaling pathway. The study emerged from Beat AML, a collaboration started in 2013 by LLS and the Knight Cancer Institute.

The School of Dentistry held its annual Research Day in March. The event included poster presentations and a keynote address by Utkan Demirci, Ph.D., professor of radiology at Stanford University, who presented "Chemistry-free microfluidic technologies to sort cells for health and disease." Also speaking were **Phillip Marucha, M.D., Ph.D.,** dean of the School of Dentistry, John Snyder, D.M.D., Permanente Dental Associates, and Joseph Crowley, D.D.S., president of the American Dental Association.

The Oregon Senate has honored President **Joe Robertson, M.D.,** with Oregon Senate Concurrent Resolution 205. The resolution highlighted Robertson's efforts to reassert OHSU's role in caring for people across Oregon's 96,000 square miles, position OHSU on the leading edge of academic health centers nationally and play a pivotal role in the state's health care transformation work. As Sen. President Peter Courtney introduced the resolution, he stated, "You know there is a very good attitude on that hill. A very good can-do attitude, caring attitude on that hill. It starts with this man sitting at my desk,

Dr. Joe Robertson.” Sen. Laurie Monnes Anderson concluded by saying, “This is the highest honor the Senate can bestow on a person, and thank you so much. We all honor you and we are proud that you have done so much for the State of Oregon.”

OHSU received \$3.4 million from U.S. Department of Health and Human Services to expand medical training for Native American communities. Studies have shown that underrepresented minorities are more likely to seek and use health care services when the provider is of a similar ethnic background; however, Oregon is home to more than 70,000 citizens of the American Indian and Alaskan Native tribes, and less than 1 percent of the state’s 11,000 physicians identify as Native American. “This imbalance is a problem that will continue to jeopardize communities that already face significant health concerns and inequities,” said **Erik Brodt, M.D.**, assistant professor of family medicine, School of Medicine. “We aim to change this.” That process begins with the establishment of the Northwest Native American Center of Excellence, a program to increase the Native American voice in the U.S. health professions workforce. NNACOE is currently the only Native American-specific Center of Excellence funded by the U.S. government.

Kerri Winters-Stone, Ph.D., will join other leading subject matter experts to update current exercise recommendations for cancer survivors based on the latest science as well as add new recommendations regarding the effect of exercise on cancer prevention. Winters-Stone serves as a professor in the School of Nursing and co-program leader for the Knight Cancer Institute. A recognized expert in exercise oncology, Winters-Stone will be part of an esteemed group of leaders representing select organizations on the forefront of health promotion and the fight against cancer. The roundtable will focus on two major objectives: translating the latest

scientific and clinical empirical evidence into new, practical recommendations and creating effective tools for clinicians and the public based on the recommendations. The work done in support of each objective will be published in peer-reviewed literature during the first quarter of 2019.

One of the most valuable programs at OHSU are the Marquam Hill Lectures — a free lecture series open to the public and sponsored by the Marquam Hill Steering Committee. The most recent lectures include **Douglas B. McKeag, M.D., M.S., F.A.C.S.M.**, speaking on “Sweat smart: What sports medicine science tells us about effective and safe exercise”; **Sadik Esener, Ph.D.**, on “The promise of early cancer detection”; and **David Bangsberg, M.D., M.P.H.**, addressing “Your zip code/your health: Understanding and overcoming the social determinants of health.” The last speaker of this series will be on Thursday, May 17 at 7 p.m. at the Collaborative Life Sciences Building. **Joshi J. Alunkal, M.D.**, will speak on “Cracking the code of advanced prostate cancer.” For a full calendar and access to recordings of prior speakers, visit the Marquam Hill Lectures web page at ohsu.edu.

In 1980, OHSU Overseer Elizabeth Gray established a committee made up of Portland women to learn more about OHSU. Over time, the group has expanded its opportunities to involve various activities and needs at OHSU including the creation of the **Marquam Hill Steering Committee**, now made up of 25 members. This committee has the opportunity to meet and talk with the president, deans of each school and other leaders and faculty members. Committee members select the faculty speakers for the very important evening programs. Two members of the committee have been involved for at least 13 years — Barbara Kimberley, who joined in 2005, and Deanne Rubinstein, who joined in 1993. Some of these committee members also contributed to the development of the book, *“Art on the Hill.”*

SAVE THE DATE

Emeritus Faculty Luncheon

WEDNESDAY, OCT. 31
OFFICIAL INVITES TO COME.

A 68-year-old Gresham man is doing well after becoming the first Oregonian to have his mitral valve replaced without open-heart surgery at OHSU. OHSU is the third institution nationwide to perform this procedure as part of the APOLLO Trial, which is evaluating the safety and efficacy of Medtronic's Intrepid™ Transcatheter Mitral Valve Replacement, or TMVR, system. "Until now, the only way to replace artificial mitral valves has been invasive open-heart surgery, which can be grueling and even dangerous for patients with severe co-morbid [two chronic] conditions," said one of the physicians who led the procedure, **Firas Zahr, M.D.**, an assistant professor of medicine in the School of Medicine and co-director the Knight Cardiovascular Institute's Complex Heart Valve Program. Zahr co-led the replacement procedure with **Howard Song, M.D., Ph.D.**, a professor of surgery in the School of Medicine and the other co-director of the Complex Heart Valve Program.

Don Girard, M.D., professor emeritus, was interviewed by KTVZ about the Oregon Wellness Program, established by Central Oregon Medical Society. The program aims to provide support and services to physicians, physician assistants and nurse practitioners who are challenged in coping with the demands of current practice. "I've had a fabulous experience in this profession, and that has been my work my entire life. And it really is about connecting with people, working with people and helping people," Girard said. "It's an incredibly rewarding profession."





Directline

LEARNING FROM OUR MISTAKES

Joseph E. Robertson, Jr., M.D., M.B.A.
OHSU PRESIDENT

For more than a year, OHSU's core values have been tested by events and rhetoric at the national level. In a previous *Directline*, I encouraged all of us to embrace the opportunity we have to build an inclusive culture at OHSU and a campus that is safe and welcoming. We determine our values. We will not let others impose their values upon us.

However, events of the last several weeks remind us there will be bumps along the road. A patient was denied an evaluation for an organ transplant because she was undocumented. Faculty members expressed hurtful stereotypes in a classroom, and I am certain there were other slights that didn't make headlines. While it's disheartening to hear about such things happening at OHSU, I'm encouraged by the swift action we've taken to right these wrongs. Perhaps more to the point, progress is sometimes painful. We know that we aren't perfect and that good intentions are not good enough. We know there will be missteps. These events force us to examine the authenticity of our commitment to our values. These are setbacks but I also believe they are inevitable markers along the path to progress. They are teaching and learning opportunities. And, as an academic institution we all are all committed to lifetime learning.

That's why I'm particularly proud we are in the process of rolling out unconscious bias training for all employees under the leadership of Dr. Brian Gibbs, vice president of Equity and Inclusion. Unconscious bias refers to social stereotypes about certain demographics or groups of people that form outside your own awareness or intentional control.

The unconscious bias initiative is just one of many ongoing efforts to create a fully inclusive culture at OHSU. We must continue to support and help each other to heal, learn and grow. As an institution, our greatest strength is derived from the trust we have in one another to provide equitable care to all patients and an inclusive classroom learning culture where students and faculty bring their very best to advance scientific research and medical care. We must always challenge ourselves to more and better. When there are missteps that conflict with our principles and values, I want each of you to know that you are empowered to point them out, to report them in whatever way is most comfortable to you.

I continue to find hope in our values and our aspirations. We remain committed to a culture of equity and inclusion and a campus that is safe and welcoming, with respect for all. We're on a journey together.



Tiffani Howard, Ph.D., program director of research strategy and operations leads reporters on a building tour of OHSU's 320,000 square foot Knight Cancer Institute research building, March 12, 2018. The facility, located on Portland's South Waterfront, is slated for completion in late summer 2018, and will house up to 650 cancer researchers and staff focused on the early detection of cancer. (OHSU/Kristyna Wentz-Graff)

RECENT APPOINTMENTS

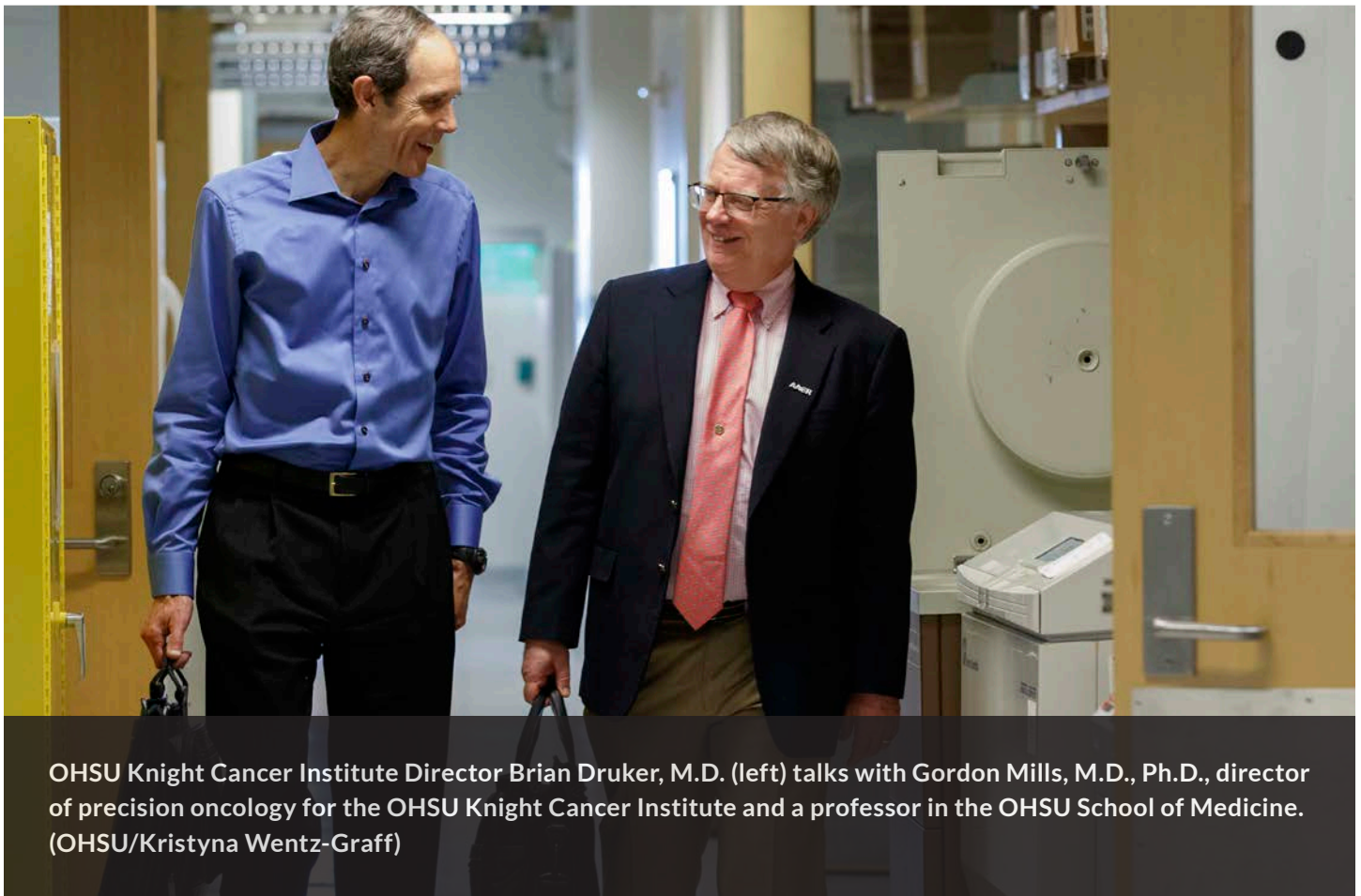
Tomasz Beer, M.D., F.A.C.P., will join the Cancer Early Detection Advanced Research Center as chief medical officer. In this new role, he will bring a clinician's perspective to early detection research and guide scientists' understanding of patient needs. Beer will continue to serve as deputy director of the Knight Cancer Institute.

Devon Berry, Ph.D., executive associate dean, School of Nursing, was elected to the Oregon Center for Nursing board. The center facilitates research and collaboration to address issues like the nurse faculty shortage and access to quality health care.

Alice Cuprill-Comas, J.D., has been appointed senior vice president and general counsel. She has been serving in this role on an interim basis since May 2017. Cuprill-Comas joined OHSU in 2012, and, since that time, has provided legal counsel on a broad range of topics important to the institution.

Renee Edwards, M.D., M.B.A., has been appointed vice president and chief medical officer of OHSU Healthcare. This position reports to **John Hunter, M.D.**, chief executive officer of OHSU Health System.

Tiffani Howard, Ph.D., has been named program director of research strategy and operations at the Knight Cancer Institute. In this new role, she aims to foster a supportive environment conducive to achieving the Knight Cancer Institute's research mission across the cancer continuum.



OHSU Knight Cancer Institute Director Brian Druker, M.D. (left) talks with Gordon Mills, M.D., Ph.D., director of precision oncology for the OHSU Knight Cancer Institute and a professor in the OHSU School of Medicine. (OHSU/Kristyna Wentz-Graff)

Gordon Mills, M.D., Ph.D., has authored or co-authored nearly 900 published research papers, been referenced more than 70,000 times in peer-reviewed research studies and is among the top 1 percent of all authors in medicine. The Knight Cancer Institute announced he will lead the institute's efforts in precision oncology. Mills was recruited to OHSU from the MD Anderson Cancer Center in Houston, where he has been an esteemed clinical and research leader since 1994. As a professor in medicine, immunology and tumor biology, he oversaw the center's breast and ovarian cancer Moonshot programs. During his tenure, he also founded the first cancer systems biology department in the U.S.

Paul Spellman, Ph.D., professor of molecular and medical genetics, School of Medicine, has been appointed interim director of the school's computational biology program. Spellman brings to the program experience as co-leader of the quantitative oncology program and co-director

of the Cancer Early Detection Advanced Research Center, both in the Knight Cancer Institute.

Virginia Tilden, Ph.D., F.A.A.N., R.N., senior associate dean of research in the School of Nursing, was recently appointed to the Collins Medical Trust and the Medical Research Foundation Research and Education Committee.

Atif Zaman, M.D., M.P.H., professor of medicine, School of Medicine, and professor of public health and preventive medicine, OHSU-PSU School of Public Health, became the senior associate dean for clinical and faculty affairs in the School of Medicine on March 1. Zaman, a hepatologist, has been with OHSU more than 20 years. He is the university section chief of the Division of Gastroenterology and Hepatology and took on the role of vice chair of clinical programs, working closely with Sharon Anderson when she was chair of medicine.

WHERE ARE THEY NOW?

Thanks to David Nardone for helping locate retired OHSU emeritus faculty members. Given space requirements several members can be included in each edition of the publication. *The editors welcome the submission of brief biographical sketches from emerita and emeritus faculty. Please forward your contribution, suggestions and comments to David A. Nardone at nardoned@ohsu.edu*

John Oakley Beahrs, M.D., professor emeritus of psychiatry, “Following retirement, I held inpatient *locum tenens* placements in California and Oregon, sampling the local cultures. In the Group for the Advancement of Psychiatry, I participate on two working committees: 1) Research and 2) Terrorism and Political Violence. I presented a paper on Traumatophobia for the American Academy of Psychiatry and Law (2014) and the American Psychiatric Association (2016) for the American Association (2016), and presented a “shared self-deception hypothesis” of mind and culture at the American Association for the Advancement of Science (2015). Three book manuscripts are in advanced revision: *Reality: Question* (natural philosophy), *Sociodynamics* (psychotherapy, which physically changes brains from the outside inward) and *Freedom Paradox* (how liberal democracy is anomalous, powerful, rare, fragile and always under threat). I have hiked on four 12-day animal-assisted Sierra Club outings, and was principal French horn player with the Marylhurst Symphony. My wife Claudette remains professionally active, and we both enjoy our family, local culture and traveling.

George H. Latham, M.D., M.T.H. (previously FAAP) Following his retirement from pediatric practice in Albany, he and his wife sailed their boat, the “Wind Dancer,” down the U.S. coast and beyond. “Using my skills as a pediatrician and those from completing a Masters in Tropical Medicine (1995), I volunteered my professional services in Mexico, Ecuador, French Polynesia, American Samoa, Solomon Islands, Vanuatu, Malaysia and Thailand. We were anchored at a small island in Thailand when the tsunami from 2004 Indian Ocean earthquake (magnitude 9) came ashore. I spent the night putting people back together until they could be airlifted. I have also worked a year in New Zealand as a general medical officer and over three years as a program manager in alcohol rehabilitation. We have now circumnavigated the globe one and a half times and sailed 106,000 nautical miles while visiting over 60 counties. We currently live most of the year in New Zealand.”

Katherine (Katie) Riley, Ed.D., assistant professor emerita, 2009, School of Medicine. Riley wrote: I completed a chronical history of the Public Health and Preventive Medicine Department, which is on file in the OHSU Library. I served on Washington County’s Commission on Children and Families and helped found its Children’s Opportunity Fund Initiative.” In the 2010 and 2012 primary elections, Riley was a candidate for Oregon House District #29. As past president of the Oregon Public Health Association, she remains active on its policy committee. She received Washington County’s Harold M. Hayes Citizen Involvement Award in 2015. Currently, Riley is chairperson for Washington County Kids, seeking sustainable funding from organizations, individuals and the legislature. Riley’s husband, Senator Chuck Riley, represents Senate District 15 in the Oregon State Legislature.

PRESIDENTIAL SEARCH UPDATE

When President Robertson announced his retirement in October, the OHSU Board of Directors set a goal of appointing a new president by July 1, 2018. In November, the Presidential Search Steering Committee was announced as was the hiring of a nationally-recognized executive search firm. Since then, the Presidential Search Committee has reached several more key milestones, including completing unconscious bias training and determining the search process's phases.

There were three phases in the search. The first phase was completed in February when a first slate of 12 candidates was identified. These 12 candidates were confidentially interviewed, and six semi-finalists were submitted to the Board of Directors to review.

In phase two, the semi-finalists interviewed and met with the Board of Directors, search committee members and OHSU leaders.

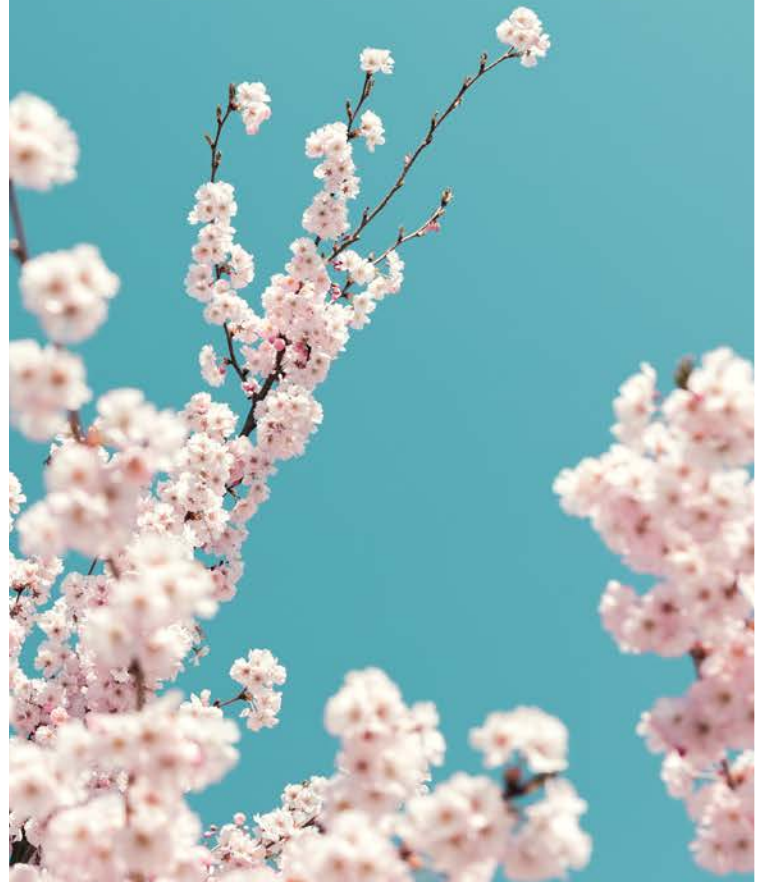
Finally, in phase three, the board selected finalists to bring to campus for extended interviews and meetings with the OHSU community in April. Ultimately, the Board of Directors will be responsible for making the hiring decision. They anticipate making that decision in late spring.

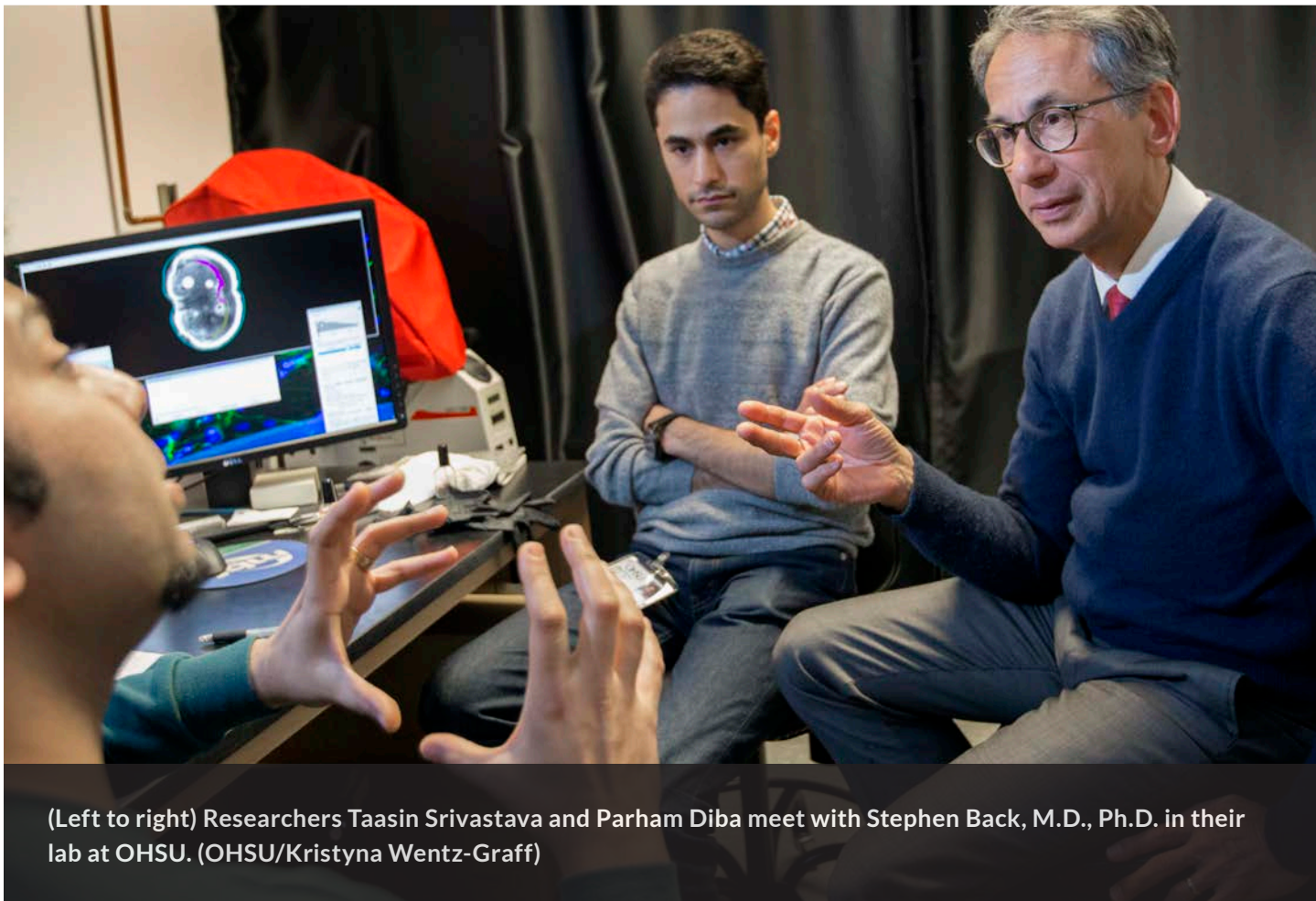
SCHOOL OF NURSING

Reunion Lunch

SUNDAY, JUNE 17
MULTNOMAH ATHLETIC CLUB

School of Nursing Emeritus faculty are warmly invited to attend the annual School of Nursing Reunion Lunch. Registration will open shortly at www.ohsu.edu/son/alumni. Please email alumni@ohsu.edu with any questions.





(Left to right) Researchers Taasin Srivastava and Parham Diba meet with Stephen Back, M.D., Ph.D. in their lab at OHSU. (OHSU/Kristyna Wentz-Graff)

RESEARCH REPORTS

Two articles by OHSU researchers were included in the 2018 issue of *Health Affairs*. This special issue on Diffusion of Innovation examines factors that accelerate the spread of new and innovative health care practices that improve care and lower cost. In “*Data-driven diffusion of innovations: successes and challenges in 3 large-scale innovative delivery models*”, authored by **David Dorr, M.D., M.S.**, **Deborah Cohen, Ph.D.**, and Julia Adler-Milstein, Ph.D., describes three innovations in health care delivery intended to improve the value of health care. These innovations vary substantially — from the banding together of large groups in accountable care organizations to primary care transformation in small and rural clinics — but share some similar challenges. The findings reveal high-priority

areas for strengthening the U.S. data and health IT infrastructure and policies to support the important task of driving health system innovation.

OHSU researchers, including **Sarah Ono, Ph.D.**, and **Deborah Cohen, Ph.D.**, used empirical evidence in their paper “*Taking innovation to scale in primary care practices: The functions of health care extension*,” to show that a health care extension model — based on the agricultural model — is feasible in health care and can provide a consistent infrastructure for innovation and knowledge exchange. Ono, assistant professor, Department of Family Medicine, and investigator, VA Portland Health Care System, and Cohen,

professor and vice chair of research, Department of Family Medicine, examined the work that the AHRQ-funded EvidenceNOW Cooperatives are doing in forming health care extensions and identified the key functions of these organizations. Their findings describe how the cooperatives varied in their approaches to extension and provide early empirical evidence that health care extension is a feasible and potentially useful approach for providing quality improvement support to primary care practices.

New research published in the journal *Nature* for the first time reveals the atomic structure of a key molecular component of the nervous system. Scientists at OHSU used advanced imaging techniques to ascertain the resting state of an acid-sensing ion channel. “They are really important ion channels that are spread throughout the body,” said senior author **Eric Gouaux, Ph.D.**, senior scientist in the Vollum Institute and an investigator with the Howard Hughes Medical Institute. “People have pursued them as targets for stroke therapies, and they clearly have important roles in pain transduction.”

A new Cochrane Library review group for fertility regulation is being established at OHSU. The Fertility Regulation Group is charged with assessing the best available evidence on fertility regulation, family size and birth spacing in order to support evidence-based health care decision-making. This is only the second Cochrane Library review group to be based in the U.S. **Jeanne-Marie Guise, M.D., M.P.H.**, will lead the group as coordinating editor. Guise, a clinician-scientist, is director of the Oregon Institute for Patient-Centered Comparative Effectiveness, associate director of the Oregon Evidence-based Practice Center and director of the Comprehensive Comparative Effectiveness Research Center. Cochrane is recognized worldwide as a primary

source of systematic reviews and evidence in health care. Review groups provide methodologic and editorial support for the reviews that populate the Cochrane Library. The fertility regulation review group was first started in 1997 to address the information people need to regulate their fertility, family size and spacing of births.

A novel study, conducted at OHSU and published in the *Annals of Neurology*, provides new insights into the origins of vascular dementia in maturing adults, now recognized as the second leading cause of dementia. Through the analysis of human blood vessels, the research team — led by **Stephen Back, M.D., Ph.D.** — determined that aging white matter, or the areas of the central nervous system that affect learning and brain function, has a more vulnerable blood supply than other parts of the brain, making it more susceptible to injury. Further, the study found that when the brain’s white matter becomes injured and attempts to repair itself, it fails to do so, and instead create a significant increase in oligodendrocyte progenitor cells, which, typically, give rise to myelin-forming cells critical for the conduction of information across the brain. These OPCs fail to mature into myelin-forming cells, which means that the injured white matter has a block in the pathways that allow myelin to form. This is a potential explanation of why some adults may experience senility as they age.

In the largest U.S. clinical trial of its kind funded by the Veterans Affairs Rehabilitation Research and Development Service, researchers at the VA Portland Health Care System and OHSU found that transcranial magnetic stimulation significantly improved tinnitus symptoms for more than half of study participants. Their findings were published today in the journal *JAMA Otolaryngology — Head & Neck Surgery*.



Louis Picker, M.D., (right) of the Vaccine and Gene Therapy Institute at Oregon Health & Science University. (OHSU/Boone Speed Photography)

Every person has a distinct pattern of functional brain connectivity known as a connectotype, or brain fingerprint. A new study conducted at OHSU concludes that while individually unique, each connectotype demonstrates both familial and heritable relationships. The results published today in *Network Neuroscience*. “Similar to DNA, specific brain systems and connectivity patterns are passed down from adults to their children,” said the study’s principal investigator **Damien Fair, Ph.D., P.A.-C.**, associate professor of behavioral neuroscience and psychiatry, School of Medicine. “This is significant because it may help us to better characterize aspects of altered brain activity, development or disease.”

New molecular research shows how chemically diverse drugs used to treat depression and anxiety disorders interact with the protein that transports

serotonin in the brain. The discovery by researchers at the Vollum Institute could open the way for the development of additional forms of antidepressants collectively known as selective serotonin reuptake inhibitors, or SSRIs. The study was published January 29 in the journal *Nature Structural & Molecular Biology*. “This work tells a great deal about how clinically relevant antidepressants work,” said senior author **Eric Gouaux, Ph.D.**, senior scientist in the Vollum Institute.

A report commissioned by the Oregon Health Authority and conducted by researchers at OHSU’s Center for Health Systems Effectiveness found that Oregon’s efforts to overhaul health care have been largely successful. “When we were being honest about what we could accomplish in the first five years, we figured we’ve got to get more people access to care and we’ve got to make sure that


there's a level of quality in that primary care that's more consistent across the state," chairman of the Oregon Health Policy Board, Zeke Smith, said. "The report tells us that we did all of those well."

A study, published in *Nature Communications*, describes how Zika virus infection in five pregnant rhesus monkeys caused placental tissues to become thickened and inflamed. As a result, the researchers saw less oxygen being transported across the placenta and to the baby. Decreased oxygen levels in a placenta can impair fetal development and ultimately the health of a baby after birth. "The role of a placenta is to protect and provide nutrition to a growing baby for optimum health," said co-author **Antonio Frias, M.D.**, an associate professor of obstetrics and gynecology in the School of Medicine. "It's concerning how much damage the Zika virus can do to a placenta."

A unique platform that resulted in a promising HIV vaccine has also led to a new, highly effective vaccine against tuberculosis that is moving toward testing in humans. The new vaccine completely protected 41 percent and reduced overall TB disease by 68 percent in vaccinated rhesus macaques, according to a study published in *Nature Medicine*. In contrast, there was no measurable protection in the rhesus macaques — a monkey species that is closely related to humans — treated with today's standard TB vaccine, the Bacillus Calmette–Guérin vaccine. "With more than 1.7 million people dying globally from TB each year and the rise of strains that are resistant to drug treatment, we need a better way to prevent this disease," said principal investigator **Louis Picker, M.D.**, associate director of the OHSU Vaccine and Gene Therapy Institute and a professor of pathology, and molecular microbiology and immunology in the School of Medicine.

SAVE THE DATE

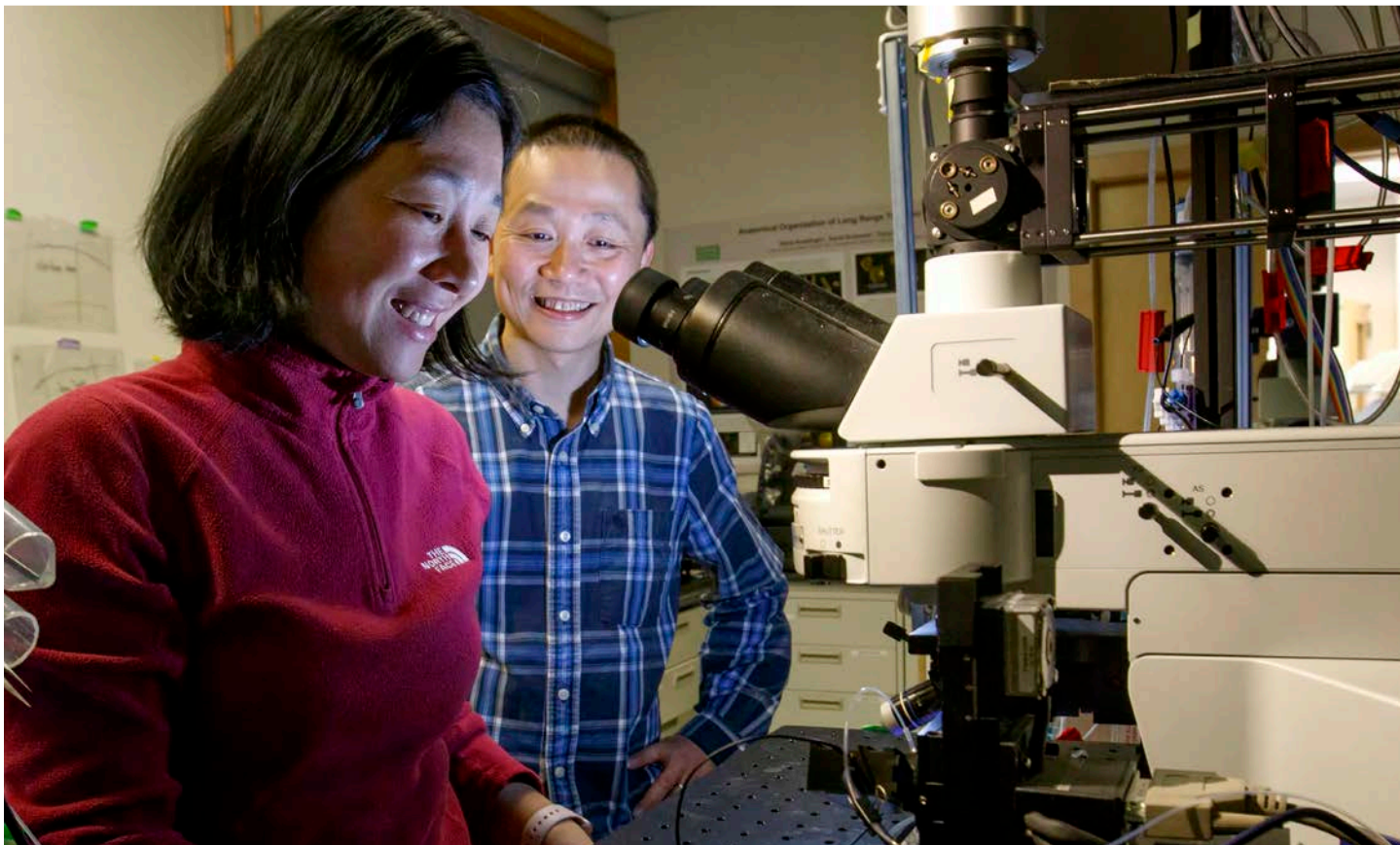
CONVOCATION 2018



Sunday, June 3, 2018 | 1 p.m.
OREGON CONVENTION CENTER

The speaker for the all-OHSU convocation will be **Elizabeth Steiner-Hayward, M.D.**, Oregon State Senator and family medicine physician at OHSU.

Efforts to reverse the nation's opioid epidemic remain beset by the stigma associated with drug use, a group of OHSU researchers write in a year-end review. The stigma continues despite the fact that more than one-third of the American population used prescription opioids as of 2015, the authors report. With an estimated 60,000 drug overdose deaths in 2016 alone, the researchers emphasize the need for the American health care system to embrace medications such as methadone to treat opioid use disorder, provide addiction treatment in primary care clinics and develop non-addictive alternatives for chronic pain. Co-authors include **Dennis McCarty, Ph.D.**, a professor of public health in the OHSU-PSU School of Public Health; **Kelsey Priest, M.P.H.**, an M.D./Ph.D. student in the School of Medicine and OHSU-PSU School of Public Health; and **Todd Korthuis, M.D., M.P.H.**, associate professor of medicine in the School of Medicine. The article will publish online in the forthcoming volume of the *Annual Review of Public Health*.



Drs. Tianyi Mao (left) and Haining Zhong, scientists at OHSU Vollum Institute, received a \$5 million grant to study the amygdala, the part of the brain that controls the “fight or flight” instinct. Mao and Zhong are also husband and wife. (OHSU/Kristyna Wentz-Graff)

AWARDS AND HONORS

One hundred forty-eight OHSU providers were recognized in *Portland Monthly Magazine*’s annual Top Doctors list. The magazine has published the list for 14 years. Nurse practitioners will be featured in a separate list in July. OHSU providers are among the most listed compared to other hospitals and health systems — a reflection of OHSU’s strong reputation and breadth of specialty services. Many providers on the list working in other health systems are alumni of the School of Medicine, demonstrating OHSU’s impact on the health professional workforce in Oregon.

OHSU Hospital ranked 12th in the nation for “superior performance” in providing high-quality care, based on mortality, safety, efficiency, effectiveness, patient centeredness and equity, according to the 2017 Vizient Quality and Accountability Study. The top 12 academic medical centers around the country received the Bernard A. Birnbaum, MD, Quality Leadership Award at the Vizient Clinical Connections Summit in September.

Maria Fleseriu, M.D., F.A.C.E., professor of medicine and neurological surgery, School of Medicine, and director of OHSU Pituitary Center, has been elected president of the Pituitary Society. Comprised of clinicians and both basic and clinical researchers, the Pituitary Society is the largest and oldest pituitary organization in the world

and honors outstanding contributions to research, formulates clinical practice guidelines for medical providers and sponsors international educational conferences highlighting new advances in research and clinical care. Fleseriu is the third woman to have been elected president in the society's history.

Tianyi Mao, Ph.D., and Haining Zhong, Ph.D., scientists at the Vollum Institute, received a \$5 million grant to study the amygdala, the part of the brain that controls the “fight or flight” instinct. The researchers will use the latest imaging technology to map out specific regions within the amygdala and ascertain their functions. They will do so using a newly developed specialized lens that can be inserted safely into the amygdala. They will then be able to identify active regions of the brain in mice while they're awake, gradually forming a picture of neural circuits associated with specific behaviors. Understanding these pathways could lead to treatments, such as electrodes implanted in the brain, that stimulate or inhibit portions of the amygdala in disorders such as anxiety or PTSD. Mao and Zhong are also husband and wife.

The Society of Interventional Radiology presents **John Kaufman, M.D., M.S.,** with its highest honor, the SIR Gold Medal, during its annual scientific meeting.

OSU/OHSU College of Pharmacy Executive Associate Dean **Gary Delander, Ph.D.,** was recognized as an American Pharmacist Association Fellow at the 2018 APhA Annual Meeting and Exposition, held in Nashville, Tenn. The APhA Fellow Award was established to honor members for exemplary achievements in professional practice and outstanding service to the profession up to that period of time through activities in APhA and other organizations.

Alexey Danilov, M.D., Ph.D., associate professor in the School of Medicine, has been recognized with a Scholar in Clinical Research Award from the Leukemia & Lymphoma Society. Danilov is investigating ways to overcome drug resistance in mantle cell lymphoma.

OHSU was named among the top 20 research institutions in the world in the journal *Nature's* Index 2017 Innovation supplement, which evaluated academic research institutions' impact on innovation. To rank the impact of institutions worldwide, the journal examined how research articles are cited in third-party patents. By looking at patents owned by third parties, rather than those held by institutions themselves, the influence of research on the development of products and services is evident, according to the journal. “Our ranking reflects the high caliber of our faculty — not only are they publishing in excellent journals, but their discoveries are having real-world impact in patents for products that advance knowledge and improve human health,” said **Daniel Dorsa, Ph.D.,** OHSU's Associate VP for Research Partnerships.

The American Society of Nephrology and the 2017 Council on Kidney in Cardiovascular Disease have recognized **David Ellison, M.D.,** director, Oregon Clinical and Translational Research Institute, and professor of medicine, School of Medicine, for his research and leadership. The American Society of Nephrology has appointed Ellison at-large councilor to the society's governing board, serving a four-year term. The position is given to a leader with the vision, experience and expertise to guide the society in leading the fight against kidney disease. The Council on Kidney in Cardiovascular Disease presented Ellison with a Distinguished Achievement Award for his “major contributions to the affairs of a scientific council over a continuing period” and his “substantial professional contributions to the field.”



Joshi Alumkal, M.D., talks with intern Sherwin Shabdar in the lab, June 29, 2016. (OHSU/Boone Speed Photography)

The Kuni Foundation has awarded a \$2.5 million to fully fund an endowed chair position for **Joshi Alumkal, M.D.**, an advanced prostate researcher in the Knight Cancer Institute.

The Oregon Clinical and Translational Research Institute and Technology Transfer and Business Development have awarded three grants to investigators through the Biomedical Innovation Program. The awards provide funds, project management and mentorship to facilitate the development of innovative technologies at OHSU and accelerate their translation to the marketplace. **Luiz Bertassoni, D.D.S., Ph.D.**, assistant professor of restorative dentistry, was awarded a grant to support product development and commercialization of a material system for regenerative dental applications. **Kimberly Hutchison, M.D.**, associate professor of neurology,

was funded for the project “Novel mouth sealer to decrease oral leaking and improve compliance with nasal CPAP for the treatment of obstructive sleep apnea.” **David Sheridan, M.D.**, assistant professor of emergency medicine, was awarded funding to commercially develop a simple, non-invasive dehydration monitoring device, HydraSense. The team will focus on two markets. In developed countries, the device can reduce costs of unnecessary medical visits. In developing countries there is a significant impact on true morbidity and mortality and the device can help providers with limited medical training in resource-limited settings determine whether to treat with IV fluids or transfer to higher levels of care.

David H. Ellison, M.D., and a team of international collaborators have been awarded a \$6 million Transatlantic Network of Excellence grant from

the Fondation LeDucq. They will examine how the kidney handles potassium and why blood pressure is so sensitive to changes in dietary potassium. Ellison, director of the OHSU Oregon Clinical and Translational Research Institute, Paul Welling, M.D., University of Maryland at Baltimore, and members of the Transatlantic Network of Excellence team previously helped explain the mechanisms underlying the effects of potassium. They helped define “the renal potassium switch” and its implications for prevention and treatment of hypertension. Their work indicates that diets low in potassium, common in high-income countries, activate the switch pathway to conserve potassium at the expense of increasing sodium retention — ultimately contributing to higher blood pressure.

Technology Transfer and Business Development awarded three OHSU researchers and one department for their efforts in innovation and commercialization. This annual event aims to honor members of OHSU’s clinical and research community, recognizing specific innovations, entrepreneurship, industry partnership, patents and new companies based on OHSU technology.

- **Yali Jia, Ph.D.**, was recognized as New Inventor of the Year. Associate professor of ophthalmology, Jia worked with TTBD to develop the split-spectrum amplitude-decorrelation angiography algorithm, which allows physicians to map ocular circulation down to the capillary level.
- **Bill Rooney, Ph.D.**, received the Business Development Partnership Award. Professor and director of the Advanced Imaging Research Center, Rooney has been instrumental in the success of OHSU’s partnership with GE Healthcare.
- **Thomas Scanlan, Ph.D.**, was recognized with the Technology Transfer Achievement Award for his efforts in licensing, patenting and

new company creation. Scanlan, professor of physiology and pharmacology, is the founder and chair of the Scientific Advisory Board for NeuroVia, Inc., an OHSU startup company developing therapeutics for the treatment of neurological disorders.

- The Oregon Clinical and Translational Research Institute was recognized with the TTBD Appreciation Award for its ongoing collaboration with TTBD, especially with the Biomedical Innovation Program.

TTBD also acknowledged other award recipients.

- **David Huang, M.D., Ph.D.**, for the National Academy of Inventors Award
- **Fergus Coakley, M.B.B.C.h.**, for the M.J. Murdock Charitable Trust Award
- **Monika Davare, Ph.D., Beth Habecker, Ph.D., and Michael Cohen, Ph.D.**, for the 2017 drug discovery track of the Biomedical Innovation Program Award
- **Luiz Bertassoni, D.D.S., Ph.D., Kimberly Hutchison, M.D., and David Sheridan, M.D.**, for the 2018 device track of the Biomedical Innovation Program Award



Adam Margolin, Ph.D., departing director of the OHSU computational biology program. (OHSU/Kristyna Wentz-Graff)

TRANSITIONS

Michael Chapman, Ph.D., R.T., Jones Professor of Structural Biology, is stepping down from his role as interim chair of the Department of Biochemistry and Molecular Biology, effective June 29, 2018. Chapman has accepted a position as chair of the Department of Biochemistry at the University of Missouri. The Department of Biochemistry is a joint academic unit within the College of Agriculture, Food and Natural Resources and the School of Medicine at University of Missouri.

Karen Lyons, Ph.D., associate professor in the School of Nursing, will leave OHSU for Boston College School of Nursing in June. Lyons, who has been at OHSU for 18 years, performs research focusing on family and dyadic experiences of chronic illness with particular emphasis on how and why members of the care dyad are similar and different in their appraisals of the illness context.

Adam Margolin, Ph.D., professor of biomedical engineering, School of Medicine, departed OHSU for a position at the Icahn School of Medicine at Mount Sinai at the end of March. Margolin will be director of the Icahn Institute for Genomics and Multiscale Biology, chair of the Department of Genetics and Genomic Sciences and senior associate dean for precision medicine.

Tom Yackel, M.D., M.P.H., M.S., is stepping down from his role as chief population health and value-based care officer, OHSU Practice Plan, and associate dean for clinical practice, School of Medicine, effective March 17. Yackel has accepted a position as president of MCV Physicians, the faculty practice plan of Virginia Commonwealth University Health. He will also serve as senior associate dean for clinical affairs in the VCU School of Medicine.

IN MEMORIAM

James E. Morris, M.D.
SEPTEMBER 30, 2017

Michael J. Miller, M.D.
FEBRUARY 12, 2018

Robert Chiapuzio, M.D.
FEBRUARY 17, 2018

NEW EMERITUS FOR 2018

Judith G. Baggs, Ph.D., R.N.
PROFESSOR EMERITA, SCHOOL OF NURSING

John M. Bissonette, M.D.
PROFESSOR EMERITUS, OBSTETRICS AND GYNECOLOGY

Winthrop B. Carter, D.D.S.
ASSOCIATE PROFESSOR EMERITUS, PERIODONTOLOGY

Mary L. Cato, Ed.D., R.N.
ASSISTANT PROFESSOR EMERITA, SCHOOL OF NURSING

Richard A. Deyo, M.D., M.P.H.
PROFESSOR EMERITUS, FAMILY MEDICINE

Daniel M. Dorsa, Ph.D.
PROFESSOR EMERITUS, PHYSIOLOGY AND PHARMACOLOGY

Lyle J. Fagnan, M.D.
PROFESSOR EMERITUS, FAMILY MEDICINE

Nancy E. Findholt, Ph.D., R.N.
PROFESSOR EMERITA, SCHOOL OF NURSING

Eugene F. Fuchs, M.D.
PROFESSOR EMERITUS, UROLOGY

Barbara L. Glidewell, M.B.S.
ASSOCIATE PROFESSOR EMERITA, MEDICINE

Donald C. Houghton, M.D.
PROFESSOR EMERITUS, PATHOLOGY

Craig E. Jahr, Ph.D.
PROFESSOR EMERITUS, VOLLUM INSTITUTE

Eun Sul Lee, Ph.D.
PROFESSOR EMERITUS, SCHOOL OF PUBLIC HEALTH

Robert A. Lowe, M.D., M.P.H.
PROFESSOR EMERITUS, MEDICAL INFORMATICS AND CLINICAL
EPIDEMIOLOGY & EMERGENCY MEDICINE

Richard I. Lowensohn, M.D.
ASSOCIATE PROFESSOR EMERITUS, OBSTETRICS AND
GYNECOLOGY

Gregory J. Magarian, M.D.
PROFESSOR EMERITUS, MEDICINE

Michele K. Mass, M.D.
ASSOCIATE PROFESSOR EMERITA, NEUROLOGY

Launa Rae Mathews, M.S., R.N.
ASSISTANT PROFESSOR EMERITA, SCHOOL OF NURSING

Dennis J. McCarty, Ph.D.
PROFESSOR EMERITUS, SCHOOL OF PUBLIC HEALTH

Richard J. Mullins, M.D.
PROFESSOR EMERITUS, SURGERY

Lillian M. Nail, Ph.D., R.N.
PROFESSOR EMERITA, SCHOOL OF NURSING

Robert L. Norton, M.D.
PROFESSOR EMERITUS, EMERGENCY MEDICINE

David A. Pollack, M.D.
PROFESSOR EMERITUS, PSYCHIATRY

Joseph E. Robertson, Jr., M.D.
PROFESSOR EMERITUS, OPHTHALMOLOGY

Theodore J. Ruback, M.S., P.A.-C.
ASSOCIATE PROFESSOR EMERITUS, OFFICE OF THE PROVOST

Albert Starr, M.D.
PROFESSOR EMERITUS, SURGERY

Jeffrey S. Stevens, M.D.
ASSOCIATE PROFESSOR EMERITUS, DIAGNOSTIC RADIOLOGY

Jacob E. Weinberg, D.M.D., M.S.D.
ASSOCIATE PROFESSOR EMERITUS, PERIODONTOLOGY



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