




SPRING  
2019

# Emeritus

A NEWSLETTER FOR OHSU EMERITUS FACULTY







*Emeritus Faculty News* is published intermittently. This issue covers the fall 2018 and spring 2019. 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](mailto:facaffairs@ohsu.edu).

*Sources for the material in Emeritus are many, including OHSU news releases, electronic newsletters and blogs, printed material and local media reports.*





# NEWS BRIEFS

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Cambia Health Solutions in March announced new partnerships with two major provider networks to deliver data interoperability use cases as part of the Da Vinci Project. In collaboration with OHSU and MultiCare Connected Care, Cambia is building resources to enable critical data exchange in real-time, offering better communication, more efficient care and less administrative burden for providers. Founded by health plans, care providers and vendor organizations, the Da Vinci Project is an initiative to improve data exchange in value-based care and help organizations better deliver on clinical quality, cost and care management outcomes. “Enabling provider organizations to discover specific payer requirements in real time could reduce administrative burden and improve timely access to care,” said **Steven Z. Kassakian, M.D., M.S.**, associate chief health information officer, OHSU. “Automatic authorizations could lower costs by increasing operational efficiencies and promoting better outcomes. We look forward to working with Cambia to help simplify data exchange, improve patient care and develop national standards.”

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The Centers for Medicare and Medicaid Services recently updated its Hospital Compare ratings, and OHSU is now a 5-star hospital. This is a change from OHSU’s rating as a 4-star hospital in the previous reporting period. The OHSU quality and safety department conducted further analysis to help OHSU compare itself to its academic peers. Nationwide, just eight other academic health centers received a 5-star rating.

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OHSU was one of 178 companies to sign a statement opposing a federal proposal to narrowly define gender and roll back protections for transgender people. The statement says: *We, the undersigned businesses, stand with the millions of people in America who identify as transgender or gender non-binary, or who are intersex, and call for all such people to be treated with the respect and dignity everyone deserves. We oppose any administrative and legislative efforts to erase transgender protections through reinterpretation of existing laws and regulations. We also fundamentally oppose any policy or regulation that violates the privacy rights of those that identify as transgender or gender non-binary, or who are intersex.*

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A team of researchers in the School of Dentistry has created a filling material that’s two times more resistant to breakage than standard fillings, according to a study published by the journal *Scientific Reports*. The new filling uses the additive thiourethane, which is also in protective coatings for cars and decks. The team also has developed an adhesive that is 30 percent stronger after six months in use than adhesives that are currently used to keep fillings in place. This new adhesive was described in a recent study published in the journal *Dental Materials*. Combined, the new adhesive and the composite are designed to make longer-lasting dental restorations. “Today’s dental restorations typically only last seven to 10 years before they fail,” said **Carmem Pfeifer, Ph.D., D.D.S.**, associate professor of restorative dentistry, corresponding author of the studies. Pfeifer and **Jack Ferracane, Ph.D.**, chair and professor of restorative dentistry, led the materials’ development.

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Building on two years as a School of Medicine organization, the Educators' Collaborative has launched as an open community of practice, with membership available to those interested in education—including faculty, staff, trainees and students, as well as those who teach trainees, in every school across and beyond OHSU. The Educators' Collaborative organizes monthly Education Grand Rounds and sponsors the annual Symposium on Educational Excellence, now in its third year. Members also host workshops and provide mentorship to other educators. Now that they're expanding, the collaborative is using information provided with membership registration to build an updated directory of who's who and who's interested in what. Members can access this to find more opportunities for structured or informal networking. "I've been able to collaborate on education projects with people whom I never would have connected with had it not been for the collaborative," said **Amy Miller Juve, M.Ed.**, director of education in anesthesiology and perioperative medicine, School of Medicine. "I am excited about what I can learn from people who are embedded in other schools and disciplines. I also believe that our new members will enhance our opportunity for scholarship in a way that hasn't always been possible before."

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The OHSU Board of Directors has approved spending \$14 million for programming and design of a hospital expansion on Marquam Hill. The building would be constructed on the site of the former School of Dentistry building, next to the expansion of the Casey Eye Institute that is currently under construction. The board will consider final project approval in the fall 2019. If approved, groundbreaking would occur in 2020, and the building would open in 2023. The expansion would complement OHSU's partnerships with Tuality Healthcare and Adventist Health. Since those partnerships began, OHSU has transferred 721 patient to Tuality and Adventist. But OHSU's inpatient hospitals continue to be at or

near capacity on a consistent basis. That's because as the state's only academic health center, there is more demand than ever for the services that only OHSU can provide. The proposed expansion would eventually add 163 inpatient beds. It would be the first major inpatient expansion on Marquam Hill since the 2006 construction of the Kohler Pavilion. Under consideration is a multi-floor, expanded Women's and Children's program, including the relocation and expansion of the Neonatal Intensive Care Unit, Mother Baby Unit, Labor and Delivery, ante partum and triage programs. Additional adult acute care inpatient units will also be considered in the expansion.

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Approximately 6.1 million women in the U.S., aged 15 to 44, have difficulty getting or staying pregnant, according to the Centers for Disease Control and Prevention. A common cause is polycystic ovary syndrome, an incurable disease characterized by high levels of male sex hormones, obesity and infertility. A research team at the Oregon National Primate Research Center received more than \$7 million from the National Institutes of Health to help better understand and address PCOS. Led by **Richard Stouffer, Ph.D.**, professor in the ONPRC, the team will work to expand ongoing studies that evaluate the impact of a high-fat diet and elevated testosterone levels on the overall metabolism and reproductive system of female nonhuman primates.

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OHSU's Women in Academic Medicine held its sixth annual women's leadership conference in late January focused on the theme "Advancing diversity and equity: Making it meaningful to your life and work. One hundred sixty faculty members, students and staff from attended. The afternoon included keynote speaker Laura Salerno Owens presenting "Workplace equality: A 'We Too' movement," an awards ceremony, in-depth table discussions ranging from affirming transgender/gender diverse



individuals to micro-inequities and aggressions to breastfeeding and pumping at OHSU and a panel discussion with OHSU leaders. “As a faculty member trying to lead and cause some change, just hearing the problems does not help,” said **Vaishali Phalke, M.D.**, associate professor of diagnostic radiology, School of Medicine, and Women in Academic Medicine co-chair. “The WAM conference was a great forum for attendees to actively interact with OHSU senior leadership and also to learn steps that leaders are already taking...” The conference comes on the cusp of change at OHSU in part due to the advocacy of groups like WAM. Faculty and employee surveys have surfaced a need to improve OHSU’s culture around diversity, inclusion, respect, safety and equity. These sentiments have emerged as prominent aspirational themes and value statements in the OHSU 2025 strategic planning process.

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The School of Medicine and the Provost’s Office have launched a collaborative effort to assemble, organize and improve the range and navigability of faculty development offerings and better support advancement, career satisfaction and wellness in the school and across OHSU. The effort includes integrated faculty development websites, new workshops and administrative restructuring to improve faculty support. The work is led by **Constance Tucker, Ph.D.**, vice provost for Educational Improvement and Innovation in the Provost’s Office, **Atif Zaman, M.D.**, senior associate dean for clinical and faculty affairs in the School of Medicine, and the school’s Faculty Advancement and Development Committee chaired by **Niki Steckler, Ph.D.**, associate professor in the Division of Management, School of Medicine.

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**Ellen Tilden, Ph.D.**, and **Jonathan Snowden, Ph.D.**, were featured in a story published in national news outlet Mother Jones. The article, “4 million babies are born every year, so why do we still know so

little about childbirth?” highlights their work using causal inference techniques to better understand and improve childbirth outcomes for mothers and babies. The feature follows a series of research papers published by the duo in the *Journal of Midwifery & Women’s Health*. This work spans multiple departments and service lines across the schools of Medicine, Nursing and Public Health.

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*U.S. News & World Report* ranked OHSU-PSU School of Public Health in the top 35 of its Best Graduate Schools for 2020. “We’re thrilled that we’re being recognized after only three years,” said David Bangsberg, M.D., M.P.H., dean of the OHSU-PSU School of Public Health. “Our new school of public health brings the best of OHSU biomedicine together with PSU’s commitment to social justice and community engagement.”

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OHSU officials and their local partners celebrated the fifth anniversary of the OHSU Interprofessional Care Access Network, also known as I-CAN, in Medford. The I-CAN program seeks to help Oregonians overcome health challenges that are exacerbated by low income, homelessness, cultural misunderstandings and other hurdles. “OHSU faculty and students have been proud to help bridge many health care gaps in West Medford for the past five years, and we look forward to continuing to do so for many years to come,” said **Peggy Wros, Ph.D.**, professor of nursing, School of Nursing, and the statewide I-CAN director. “In collaboration with our valuable community partners, we address barriers to health and health care while adding value to existing resources and services.”

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The Knight Cancer Institute announced grant funding to 17 community-led projects around the state for its Community Partnership Program. The latest round of funding, totaling \$320,000, supports



13 new and four previously funded projects that target a diverse range of cancer types and demographics. Many of the newly funded entities will develop programs to reach Latino, African-American, American Indian/Alaska Native, Asian and LGBTQ communities. The program offers multiple tiers of funding to support local organizations in identifying and developing tools to address a local cancer-related need. “I continue to be so pleased with the commitment of organizations and communities from around our state to tackle really challenging areas of cancer prevention and survivorship,” said **Jackilen Shannon, Ph.D.**, co-director of the Community Partnership Program and associate director of community outreach and engagement. “We once again have had an amazing opportunity to fund excellent programs that reach a variety of people from around our state.”

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The Bridges Collaborative Care Clinic is expanding its services just a year after medical, nursing, pharmacy, dental, public health and other health care students from OHSU, Portland State University and Oregon State University began offering transitional medical care and social services to Portland residents experiencing homelessness. The free, student-run, 501(c)3 nonprofit clinic will now offer tooth fillings and extractions at its new dental clinic. The dental clinic is located at Bud Clark Commons in inner Northwest Portland, where Transition Projects operates a day center open to anyone living on the streets. In addition to offering fillings and extractions, the dental clinic will help patients maintain good oral hygiene by providing toothbrushes, paste and other products.

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OHSU embryologist **Shoukhrat Mitalipov, Ph.D.**, has been selected as one of *Time Magazine*’s 50 most influential people in health care for 2018. Mitalipov, director of the OHSU Center for Embryonic Cell and Gene Therapy, was recognized for his work

toward advancing the use of gene-editing tools to prevent inherited disease. The list, curated by *Time*’s health reporters and editors, recognizes 50 people who changed the state of health care in the United States in 2018 and bear watching for what they will do next. “It’s an honor to be recognized,” he said. Mitalipov, 57, was born the son of two teachers in Kazakhstan, then a part of the Soviet bloc, and went to college in Moscow. After receiving his doctorate in developmental and stem cell biology at the Research Center for Medical Genetics in the Russian Academy of Medical Sciences, Mitalipov conducted his postdoctoral training at Utah State University in 1995. He came to OHSU in 1998.

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OHSU and AFSCME Graduate Researchers United have reached an agreement certifying AFSCME as the bargaining representative for approximately 250 Ph.D. students on stipends in OHSU’s nursing, medical and public health schools. “It is clear that our Ph.D. students desire a union to formalize a dialogue about their needs,” said Provost **Elena Andresen, Ph.D.** “They are key contributors to research at OHSU, and we value their contributions. We will work with AFSCME, Human Resources and our faculty and staff to smoothly implement this change.”

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The decision by a Texas federal judge to repeal the entire Affordable Care Act threatened the health and well-being of tens of thousands of Oregonians, especially those who live in rural areas, and millions around the country who rely on the ACA for quality, affordable health care coverage. OHSU joined Oregon’s congressional delegation, the Governor’s Office, the American Hospital Association, the Association of American Medical Colleges and hospitals and health systems nationwide in advocating for quality, affordable health care coverage for all. In response to the ruling, President **Danny Jacobs, M.D., M.P.H.**, issued the following statement: “As a physician and as a health care leader,



I can say, unequivocally, that the ACA, Oregon's Coordinated Care Organizations and the Medicaid expansion are improving the health and well-being of Oregonians by giving them the tools they need to seek the right care at the right time at the right place. These are our responsibilities. Although the Texas decision has no immediate impact, and the ruling will be appealed to the Fifth Circuit Court of Appeals, I want to assure the many communities we serve that as the state's academic health center with a public mission to educate health professionals, treat the most complex health needs in the region, make discoveries that save lives and train leaders to address the societal issues that impede health, we remain committed to working with community partners and others in developing health care policy and care delivery solutions that put the patient first to improve access to high-quality health care for all, especially Oregonians."

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Following years of research that demonstrated feeding tubes can harm patients with dementia, the *Journal of the American Geriatrics Society* has published an OHSU guest opinion recommending patient preference for feeding tubes be excluded from Physician Order for Life-Sustaining Treatment, or POLST, forms. The opinion paper was published after Oregon became the first state to remove the feeding tube section from its POLST form. Oregon's POLST form had included a feeding tube section since it was first created in 1993, when the medical community believed artificial nutrition was widely beneficial. **Susan Tolle, M.D.**, and two OHSU colleagues, wrote the paper. Tolle is director of the OHSU Center for Ethics in Health Care and professor of medicine.

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Marking an innovative collaboration between local government and three of the metro area's institutions of public higher education, representatives from the City of Portland, OHSU, Portland State University

SAVE THE DATE

# CONVOCATION 2019



**Monday, June 3, 2019 | 1 p.m.**  
**OREGON CONVENTION CENTER**

The speaker for the all-OHSU convocation will be **L.D. Britt, M.D., M.P.H.**, Henry Ford Professor and Edward J. Brickhouse Chairman of the Department of Surgery, Eastern Virginia Medical School.

and Portland Community College broke ground on a new education and health center in the heart of PSU's downtown campus. Located at Southwest 4th Avenue and Montgomery Street, the 175,000 square-foot, seven-story building will house PSU's College of Education, PCC's Dental Hygiene, Dental Assistant and Dental Laboratory Assistant programs, the City of Portland's Bureau of Planning and Sustainability, a dental clinic and low-cost mental health services for the public, ground-floor retail and restaurants and the OHSU-PSU School of Public Health. "This is an exciting moment not just for the faculty, students and staff of our school, but for our community members as well," said **David Bangsberg, M.D., M.P.H.**, dean of the OHSU-PSU School of Public Health. "This building will help to produce the state's next generation of public health leaders. These individuals will be well-equipped to identify, confront and combat some of the most vexing causes of health disparities throughout Oregon, the Pacific Northwest and beyond."



# RECENT APPOINTMENTS

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**Sadie Williams**, an experienced Portland fundraiser, has been named executive director of the Doernbecher Children's Hospital Foundation. The foundation Board of Trustees, in collaboration with OHSU Foundation President Matt McNair, selected Williams after a national search. In addition to serving on McNair's executive team, Williams will lead a dedicated foundation staff that oversees the efforts of hundreds of volunteers who participate in corporate and community-based fundraising programs and events to support the hospital.

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**Sally Hersh, D.N.P.**, is one of two American College of Nurse-Midwives representatives named to the American Society of Colposcopy and Cervical Pathology Working Groups whose task is to recommend updates to the 2012 Consensus Guidelines for Managing Cervical Cancer Screening Tests and Cancer Precursors.

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School of Medicine Dean Sharon Anderson, M.D., appointed **Daniel Marks, Ph.D., M.D.**, senior associate dean for research in the school. "Dan Marks is an excellent physician-scientist and educator with deep relationships across missions and an outstanding research portfolio," said Anderson. "I believe he will provide strong, experience-based leadership for research in the school in addition to being an overall asset on my leadership team and a collaborator with the Office of the Senior Vice President for Research."

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The School of Medicine has named **Andrea Cedfeldt, M.D.**, associate professor of medicine, School of Medicine, staff physician, VA Portland Health Care System, and assistant dean for faculty development in the school.

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**Megan Holland, M.D.**, has been named the new regional associate dean for the OHSU Campus for Rural Health's South Coast campus. Through this position, Holland will help guide OHSU's efforts to advance rural health care and train students in meeting rural residents' unique health needs. The Campus for Rural Health established a campus on Oregon's South Coast in 2015. Since then, the program has brought 270 students studying medicine, dentistry, nursing, pharmacy and other health fields to do rotations in Coos Bay area hospitals, clinics and private practices.

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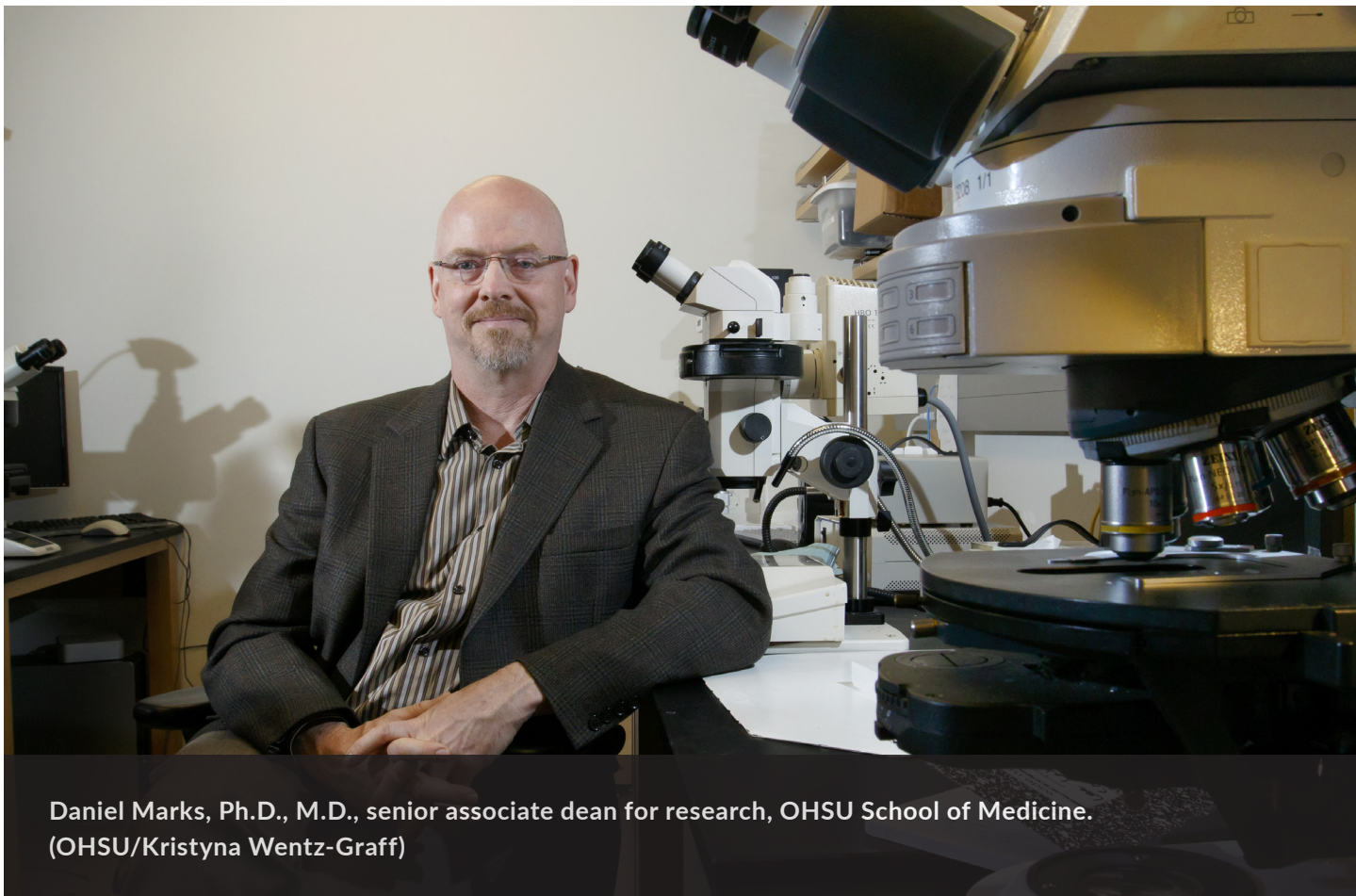
**Shana Kusin, M.D.**, assistant professor of emergency medicine, has been named medical director of OHSU Occupational Health. In this newly expanded role, Kusin join is a member of the Occupational Health leadership team and responsible for ensuring that Occupational Health-related policies, programs and outcomes meet OHSU workforce requirements and that all OHSU members are compliant and operating in safe environments.

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**Sarah Diamond, M.D.**, assistant professor of medicine, is the new medical director of the OHSU Digestive Health Center.

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**Mary Yoho Ph.D., M.S.**, is a new assistant professor in the School of Nursing. In her 40 years in nursing, Yoho has held roles in nursing practice, instruction, research, management and leadership. Her positions in nursing academia include dean,



**Daniel Marks, Ph.D., M.D.,** senior associate dean for research, OHSU School of Medicine.  
(OHSU/Kristyna Wentz-Graff)

campus president, director and faculty. Yoho has presented nationally and internationally in the areas of test development, exam analysis, teaching strategies, learner engagement and preparing nursing students for first-time success on the National Council State Boards of Nursing) National Certification Licensing Exam for Practical and Registered Nurses.

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**Susan Bakewell-Sachs, Ph.D., M.S.N.,** is the chair-elect for the American Association of Colleges of Nursing. She will serve one year as chair-elect and then two years as chair of the Board of Directors.

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**Caren Weinhouse, Ph.D., M.P.H.,** has joined the Oregon Institute of Occupational Health Sciences as an assistant professor. She is an environmental toxicologist studying how environmental

pollutants can modify epigenetic marks, which control gene expression patterns and modify human health risk. At the institute she will study the step-wise pathways that will tell us how chemical pollutants in the environment trigger epigenetic changes as well as how genetic differences among people can lead to different epigenetic responses to the same pollutants. “It’s an exciting time to be working in environmental epigenetics. The field is young. It has only been around since the early 2000s and growing rapidly,” said Weinhouse.

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**Kenneth Azarow, M.D.,** has been appointed chair of the Department of Surgery in the School of Medicine. He will also hold the role of endowed Kenneth A.J. Mackenzie Professor of Surgery. Azarow has served as interim chair and surgeon-in-chief of OHSU Hospital since September 2016.



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**Yueng-hsiang Huang, Ph.D., M.S.**, has joined the Oregon Institute of Occupational Health Sciences as an associate professor. Huang received her Ph.D. in industrial-organizational psychology/systems science from Portland State University. During her more than 20 years as an occupational safety and health researcher and consultant, she has published over 80 peer-reviewed journal articles, six book chapters, more than 100 worldwide conference presentations and proceedings and has provided recommendations to numerous occupational safety and health practitioners. Her plans include continuing to develop various organizational climate scales, implementing occupational safety climate scales with companies and building various industry databases and benchmarks. She plans to bring in the holistic view and systems approach to the study of what is next after conducting organizational climate surveys and to develop and validate various organizational climate and culture and other safety interventions.

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**Joe E. Ness, M.H.A.**, was appointed senior vice president and chief operating officer of OHSU Healthcare, following a national search. Ness has served in this role on an interim basis since November 2017. His responsibilities include overseeing all clinical hospital operations at OHSU. Ness reports to OHSU Healthcare Executive Vice President and Chief Executive Officer John Hunter, M.D. “Joe has tremendous experience leading hospital operations both at OHSU and in a community setting,” Hunter said. “He has served very capably as the interim chief operating officer for the past 10 months, and I’m delighted he has accepted the position on a permanent basis.”

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**Peter Barr-Gillespie, Ph.D.**, was named OHSU’s first chief research officer and executive vice president. Barr-Gillespie has served as interim senior vice president for research since 2017.

In his new role, Barr-Gillespie is principal adviser to President Danny Jacobs, M.D., M.P.H., on research strategy and research resource allocation. He leads and manages OHSU’s research enterprise—comprising dozens of internationally and nationally acclaimed basic, translational, clinical and public health research programs—and serves on the president’s executive leadership team. Barr-Gillespie also collaborates with external academic, industrial and community research partners, and the various funding, regulatory and accrediting bodies. Moreover, he represents OHSU in research collaborations with other universities in Oregon and the northwest region. Barr-Gillespie is supporting Jacobs in developing OHSU’s 2025 strategic plan for research. The objective is to empower researchers to do their best science, to be among the top-ranked research universities for NIH funding in the country and to maintain OHSU’s national reputation for cutting-edge research.

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**Kristine Alpi, Ph.D., M.L.S., M.P.H.**, was named OHSU’s university librarian following a nationwide search. Alpi came to OHSU from North Carolina State University where she served as director of the William R. Kenan, Jr. Library of Veterinary Medicine. Prior to that, she served as associate library director at Weill Cornell’s Medical Library. Alpi received her Bachelor of Arts and master’s in library science at Indiana University, a master’s in public health from Hunter College/City University of New York and a doctorate from North Carolina State University.

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The School of Medicine was named **Derick Du Vivier, M.D., M.B.A.**, as its inaugural assistant dean for diversity and inclusion. Du Vivier, assistant professor of anesthesiology and perioperative medicine and Faculty Senate president, will lead diversity and inclusion work in the school.



Letisha Wyatt, Ph.D., director of diversity in research, Office of the Senior Vice President for Research (OHSU/Nicole Pelott)

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School of Medicine Dean Sharon Anderson has appointed **Donna Hansel, Ph.D., M.D.**, as chair of the Department of Pathology following a national search. “Dr. Hansel brings impressive credentials and significant interdisciplinary experience to this position,” said Anderson. “She is a strong leader who will guide the department’s future.”

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**Letisha Wyatt, Ph.D.**, was named director of diversity in research, a new position funded by the Office of the Senior Vice President for Research. Wyatt will be developing and connecting projects designed to increase diversity in research across OHSU. In her role, Wyatt will lead the new OHSU Neuroscience Post baccalaureate Initiative for recent undergraduates from underrepresented backgrounds. She will provide the young scholars with tailored academic and professional development support designed to help them maximize their mentored research experience. The Department of Behavioral Neuroscience, the Vollum Institute and the Office of the Senior Vice President for Research joined forces to launch this new initiative.

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**Angela Alday, M.D.**, has accepted the position of medical director for coding and documentation integrity in OHSU Healthcare.

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Faculty members **Anthony Cheng, M.D.**, and **Donn Spight, M.D.**, are the School of Medicine’s inaugural diversity navigators for M.D. students who self-identify as belonging to diverse or underrepresented groups. In these roles, Cheng and Spight provide individual and group support and mentoring to medical students who request to be paired with a diversity navigator. “During our selection process for these positions, it was clear that Dr. Cheng and Dr. Spight both bring a deep understanding of just how remarkable strong, positive relationships can be to an aspiring physician who may feel marginalized or underrepresented among their peers,” said Amy Garcia, M.D., assistant dean for student affairs in the M.D. program. “They both have innovative ideas for addressing issues faced by these students. I look forward to seeing our medical students benefit from their guidance and mentorship.”



# AWARDS AND HONORS

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The Association for Research in Vision and Ophthalmology presented **Yali Jia, Ph.D.**, professor of ophthalmology and an associate professor of biomedical engineering, with the 2019 ARVO Pfizer Ophthalmics Carl Camras Translational Research Award. The award recognizes exceptional eye researchers who are 45 years old or younger and whose scientific discoveries are being or will soon be used by eye care physicians or their patients. “This award is a huge encouragement for me, women scientists and the OCT and OCTA community,” said Jia.

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**Sudarshan Anand, Ph.D.**, and **Amanda Lund, Ph.D.**, are the first recipients of the Knight Cancer Institute’s new leadership training award funded by Betty Hise for Cancer Research fund. Both Lund and Anand are assistant professors in the Department of Cell, Developmental and Cancer Biology, and members of the cancer biology program.

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**Julia Maxson, Ph.D.**, was selected for a Scholar Award from the American Society of Hematology. Maxson is an assistant professor in the Division of Hematology and Medical Oncology in the School of Medicine.

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**Rajan Kulkarni, Ph.D., M.D.**, assistant professor of dermatology, has been selected as the first awardee for the school’s Physician-Scientist New Appointment Support award.

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**Sima Desai, M.D.**, professor of medicine, is one of nine recipients of a national graduate medical

education award. The Accreditation Council for Graduate Medical Education presented Desai with the Parker J. Palmer Courage to Teach Award during the 2019 Annual Educational Conference, which recognizes noteworthy achievements from a range of talented GME professionals.

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**Laurel K. Hallock-Koppelman, D.N.P., M.N.**, assistant professor of family medicine, received a prestigious award from the American Association of Nurse Practitioners®. She is the 2019 recipient of the Oregon State Award for Nurse Practitioner Excellence, an annual award given to a dedicated nurse practitioner and N.P. advocate in each state.

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The Edward N. and Della L. Thome Memorial Foundation selected **Phoebe Lin, Ph.D., M.D.**, associate professor of ophthalmology, as one of its 2019 recipients of the Edward N. & Della L. Thome Memorial Foundation Award in Age-Related Macular Degeneration Research. The award supports translational researchers working on improved therapies for individuals suffering from age-related macular degeneration. Lin is one of six recipients out of 65 applicants.

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**Nathan R. Selden, Ph.D., M.D.**, professor and chair of neurological surgery, was elected a director of the American Board of Neurological Surgery. The ABNS is responsible for the certification of all neurological surgeons in the United States. Selden’s term as an ABNS director will run from June 2019 to May 2025.

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**Darcy Mize, Ed.D., M.S.N.**, and **Tamara Rose, Ph.D., M.S.N.**, were awarded a 2019 grant jointly funded by the Dean’s Innovations Small Grant program and Hartford Award for Research and Practice for their study “*A Mobile Oral Health Team for Rural-dwelling Older Adults in Lake County, Oregon.*” This will be an

interprofessional education study involving OHSU undergraduate nursing students, Oregon Institute of Technology dental hygiene students and students from other professions doing their Campus for Rural Health rotation in the area. Under faculty training and supervision, students will travel to Lake County to provide oral health screening and referral for adults over 75. A community assessment of older adult oral health needs, collaborative planning with Lake County stakeholders and training for a Mobile Oral Health Team precedes the student intervention. Data will come from focus groups with and surveys of older adults about their oral health needs and from interprofessional education students about their perceptions of teamwork and team learning pre- and post-intervention with clients. National reviewers of this grant application found the study to be an innovative approach to clinical interprofessional education and nicely targeted to a community population that is clearly underserved not only for general health issues but also dental/oral health, which is often overlooked.

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**MinKyoung Song Ph.D., M.S.N.**, assistant professor of nursing, was awarded a \$40,000 research grant by the Medical Research Foundation for her study “Examining for associations among motor disturbances, physical activity, aerobic fitness and psychiatric symptom severity in adults with ADHD.” This 1-year study will investigate the association of balance and gait impairments, common in those with attention-deficit/hyperactivity disorders and risk for obesity. Others on the study team include **Kerri Winters-Stone, Ph.D.**, **Joel Nigg, Ph.D.**, **Martina Mancini, Ph.D.**, and **Fay Horak, Ph.D.**

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**Elise Erickson, Ph.D., M.S.N.**, assistant professor of nursing, received a \$20,000 grant from the Oregon Clinical and Translational Research Institute that will accelerate data collection and data analysis for her study on the clinical risks and epigenetic

contributions to postpartum hemorrhage. A complex and potentially deadly complication for childbearing women, postpartum hemorrhage leads to more than 100,000 maternal deaths globally per year. Erickson is studying the role of oxytocin receptors in uterine physiology during childbirth and in the management of postpartum bleeding.

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The Royal Swedish Academy of Sciences announced that Knight Cancer Institute Director **Brian Druker, M.D.**, awarded the 2019 Sjöberg Prize for his “ground-breaking contributions to the clinical development of targeted therapy directed against genetic aberrations in cancer.” His research proved it was possible to shut down cells that enable cancer to grow without harming healthy ones—a discovery that helped make once-fatal forms of the disease manageable.

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**Shushan Rana, M.D.**, received the Radiation and Cancer Biology Recognition Award from the American Society for Radiation Oncology. Rana is an instructor in the Department of Radiation Medicine. His research is exploring how signals conveyed by microRNA molecules can enable tumor cells to withstand radiation therapy. The goal is to find ways to improve the effectiveness of anti-tumor treatment by altering microRNA signaling.

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The American Speech-Language-Hearing Foundation awarded New Investigators Research Grants to Allison Schaser, Ph.D., postdoctoral fellow, Jungers Center for Neurosciences Research, and **Emily Quinn, Ph.D.**, assistant professor, Institute on Development and Disability, OHSU. Quinn’s research has focused on methods for supporting language and communication growth in children experiencing impairments or delays in spoken language. She received the grant for her project “Delivering Enhanced Milieu Teaching to children with Down syndrome via telepractice.”



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**Lisa Coussens, Ph.D.**, chair and professor of cell, developmental and cancer biology, School of Medicine, and **John Crabbe, Ph.D.**, professor of behavioral neuroscience, School of Medicine, received one of the top honors from the American Association for the Advancement of Science. They were named AAAS Fellows, an honor bestowed upon AAAS members by their peers. Each year, the association elects members whose “efforts on behalf of the advancement of science or its applications are scientifically or socially distinguished.”

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Each year, the Medical Research Foundation recognizes outstanding contributions in research and mentorship at institutions throughout Oregon. The 2018 awards recognized **David Ellison, M.D.**, and **Shannon McWeeney, Ph.D.**, from the Oregon Clinical and Translational Research Institute. The Discovery Award recognized Ellison for significant, original contributions to health-related research. His work has transformed approaches to diuretic treatment of heart failure and helped to define how mutations in WNK kinases cause human hypertension. He is director of the Oregon Clinical and Translational Research Institute, associate vice president for Clinical and Translational Research and professor of medicine and physiology and pharmacology in the School of Medicine. McWeeney received the Mentor Award for her long-time commitment to mentoring and career development, particularly regarding analytics, data science and data stewardship. McWeeney mentors M.D. and graduate students as well as faculty and clinical scientists at OHSU. She directs the Oregon Clinical and Translational Research Institute translational bioinformatics program, and in the School of Medicine, she heads the Division of Bioinformatics and Computational Biology.

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**Xiangshu Xiao, Ph.D.**, and his team were awarded \$120,000 to develop a new therapy for drug-

resistant ovarian cancer. Ovarian cancer is the deadliest gynecological cancer in the U.S., and drug resistance is a major contributing factor to the high mortality rate. Xiao, a professor in the Department of Physiology and Pharmacology, School of Medicine, and his team have an issued patent on the drug-resistant therapy. A \$60,000 grant from the M.J. Murdock Charitable Trust—Commercialization Initiation Program will support the team’s efforts to expand the target product profile to help women who are fighting ovarian cancer as well as breast cancer. To support the development of the team’s research, Technology Transfer and Business Development contributed another \$60,000 through Oregon’s University Venture Development Fund.

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OHSU received a \$100,000 boost from the Bill & Melinda Gates Foundation to extend research to identify early biomarkers of typical and atypical cognitive brain development in infants. **Damien Fair, Ph.D.**, associate professor of behavioral neuroscience and psychiatry in the School of Medicine, is leading the research. The new grant will enable OHSU neuroscientists to develop neuroimaging-based measures of brain growth and function.

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The nonprofit organization Research to Prevent Blindness has awarded a prestigious Career Development Award to physician-scientist **J. Peter Campbell, M.D., M.P.H.**, assistant professor of ophthalmology in the School of Medicine and retina specialist at the Casey Eye Institute. Campbell’s research focuses primarily on innovative imaging techniques to screen for retinopathy of prematurity, a leading cause of blindness in premature and low birth weight infants. Increased survival of premature infants has brought an increase in the numbers of children affected by ROP, which causes blood vessels to grow abnormally in the retina.



Justin Merritt, Ph.D., associate professor of restorative dentistry, School of Dentistry, OHSU.  
(OHSU/Kristyna Wentz-Graff)

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The National Institute of Dental and Craniofacial Research has granted the Sustaining Outstanding Achievement in Research Award to **Justin Merritt, Ph.D.**, Professor, School of Dentistry, to help advance his research into the roles of microbial ecology and genetics among the oral microbiome. The \$7.8 million SOAR award is among the largest individual grants provided by NIDCR and is intended to provide stable, long-term funding to mid-career investigators producing significant research for the pursuit of potentially transformative research programs.

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Each year, Technology Transfer and Business Development recognize OHSU innovators whose ideas they help make real. **Jack Ferracane, Ph.D.**, professor of restorative dentistry, School of Dentistry, received the Business Partnership Award for his work co-developing a new composite material with twice the “fracture toughness” as standard fillings. Technology Transfer and Business Development has helped Ferracane make connections, negotiate contracts, file patents and develop an entrepreneurial culture. **Summer L.**

**Gibbs, Ph.D.**, associate professor of biomedical engineering, School of Medicine, received the New Inventor of the Year Award for her work on developing novel imaging reagents to improve macroscopic and microscopic cancer imaging applications. To visualize structures to be avoided or repaired during surgery, she is designing, synthesizing and testing nerve-specific fluorophores and application methods that can be used.

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To accelerate the translation of genome editing technologies into clinical application, the National Institutes of Health has awarded scientists at the Oregon National Primate Research Center nearly \$4 million. “The introduction of this research model will provide broad insight into the therapeutic potential of existing and yet to be developed technologies,” said **Jon Hennebold, Ph.D.**, chief of reproductive and developmental sciences at ONPRC, and adjunct professor of obstetrics and gynecology and physiology and pharmacology in the School of Medicine. “It will also help change the health care landscape by maximizing treatment opportunities for many diseases.”



# RESEARCH REPORTS

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It turns out, a good night's sleep, especially early in life, can have profound implications for the brain's ability to form important social bonds throughout life, according to research published in the journal *Science Advances*. The results suggest that early sleep disruption could lead to impaired sensory processing of social cues, a relevant feature of neurodevelopmental disorders including autism. "It's a novel finding that may provide an answer to one of biology's greatest mysteries," said senior author **Miranda Lim, M.D., Ph.D.**, assistant professor of neurology, School of Medicine. "The finding has profound implications for examining sleep as a modifiable risk factor in neurodevelopmental disorders, and our hope is that this will lead to more awareness of how well human infants sleep."

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A new genome analysis of parrots by a collaborative team led by **Claudio Mello, M.D., Ph.D.**, professor, Behavioral Neuroscience, School of Medicine, published in the journal *Current Biology*, reveals genes that appear to be correlated to unexpectedly long lifespans and brain development. By comparing a blue-fronted Amazon parrot with 30 other long- and short-lived birds, the researchers identified a suite of genes previously not known to play a role in longevity, as well as verified a likely role of telomerase, a known lifespan factor, indicating this mechanism is also important in parrots.

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New research conducted by scientists at the Oregon National Primate Research Center gives new hope to those seeking infertility treatments. Their

findings were published in the journal *Genome Research*. The study, led by **Shawn L. Chavez, Ph.D.**, assistant professor, ONPRC, is the first to confirm in a nonhuman primate model that mosaic embryos can adapt to their abnormalities and persist in development, resulting in positive IVF outcomes.

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Medicare patients with multiple sclerosis face skyrocketing out-of-pocket costs for therapies due to complicated insurance rules that force them to pick up an increasing share of the cost, according to new research. Despite recent efforts to constrain escalating costs, researchers with OHSU and the OHSU/Oregon State University College of Pharmacy found trends in insurance coverage that restrict access and saddle patients with increasing patient costs. Medicare beneficiaries without low-income subsidies can expect to spend \$6,894 a year out of pocket for treatment of MS, concludes a study published in the February issue of the journal *Health Affairs*. "It's a dysfunctional market that lacks the typical incentives for most other consumer prices," said lead author **Daniel Hartung, Pharm.D., M.P.H.**, associate professor in the OHSU/OSU College of Pharmacy. "Aside from the public optics, there are few incentives for companies not to raise prices. Most intermediaries in the drug distribution channel, including drug companies, benefit from higher prices." The study follows on previous research into the high cost of MS drugs led by Hartung and **Dennis Bourdette, M.D.**, professor and chair of neurology in the School of Medicine.

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New research conducted at OHSU identifies a gene that could provide a new target for developing medication to prevent and treat alcoholism. Scientists at the Oregon National Primate Research Center discovered a gene that had lower expression in the brains of nonhuman primates that voluntarily consumed heavy amounts of alcohol compared with those that drank less. Furthermore,



The biological process of cell fragmentation (shown here) plays an important role in identifying genetic abnormalities within an embryo. (OHSU/Shawn Chavez, Ph.D.)

the research team unraveled a link between alcohol and how it modulates the levels of activity of this particular gene. Researchers discovered that when they increased the levels of the gene encoded protein in mice, they reduced alcohol consumption by almost 50 percent without affecting the total amount of fluid consumed or their overall well-being. The study was published online in the journal *Neuropsychopharmacology*. “The study highlights the importance of using cross-species approaches to identify and test relevant drugs for the treatment of alcohol use disorder,” said senior author **Rita Cervera-Juanes, Ph.D.**, research assistant professor in the ONPRC.

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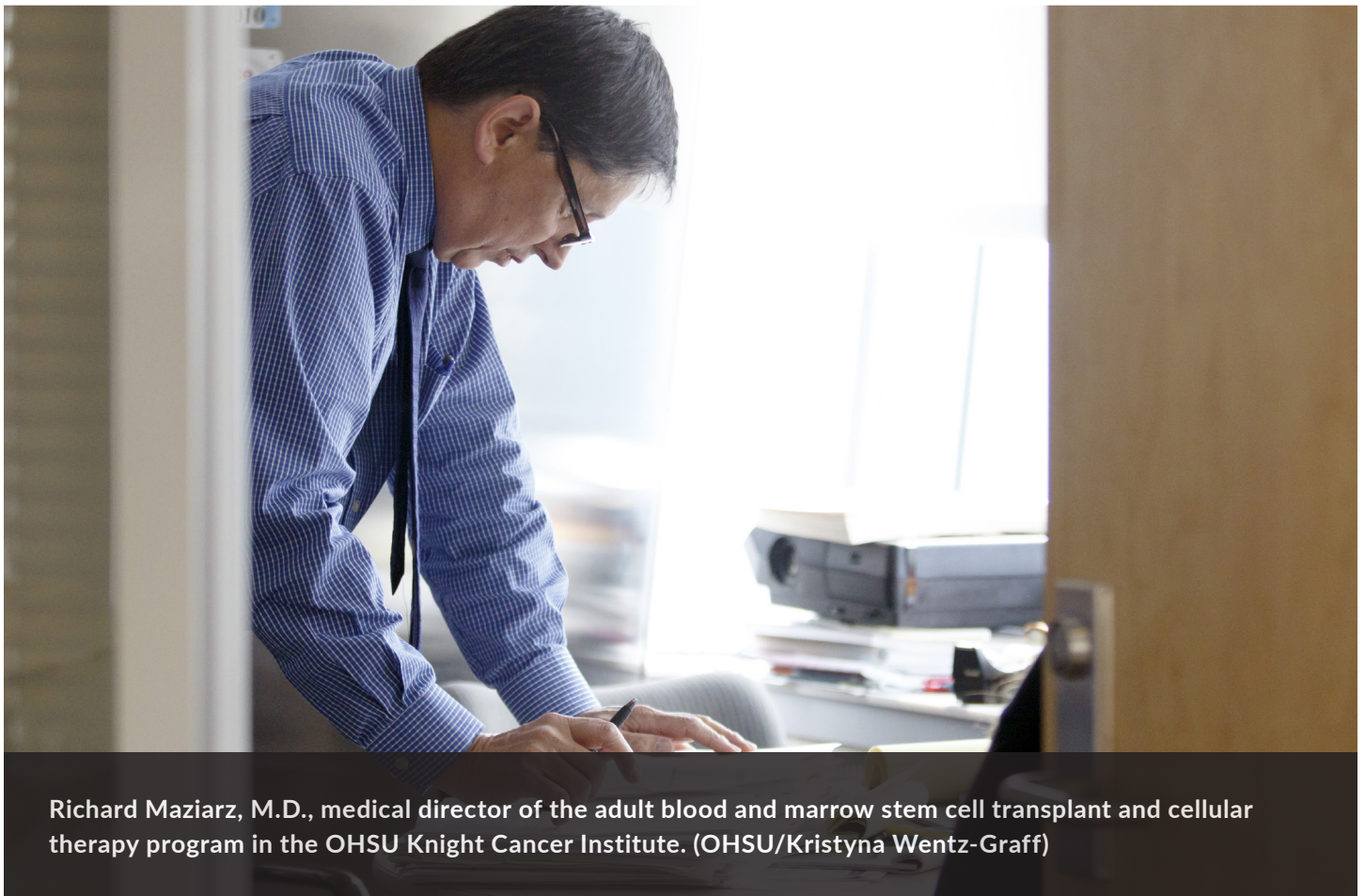
Early research on a new approach to protecting against malaria is offering promising, potentially long-lasting results against the persistent parasite that sickens hundreds of millions people each year. This new vaccine reduced the malaria-causing

parasite’s release from the liver and into the blood of infected rhesus macaques by 75 to 80 percent at the Oregon National Primate Research Center, reports a paper published in the journal *PLOS ONE*. “The problem with most vaccines is that their effectiveness is often short-lived,” said the study’s lead author, **Klaus Frueh, Ph.D.**, professor in the Vaccine and Gene Therapy Institute and molecular and cellular biosciences. “Our cytomegalovirus-based vaccine platform can create and keep immunity for life. With further research and development, it could offer a lifetime of protection against malaria.”

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According to the Centers for Disease Control and Prevention, more than 100 million Americans are either living with diabetes or have higher-than-average blood sugar levels consistent with prediabetes. Management of these chronic conditions requires consistent monitoring of blood





Richard Maziarz, M.D., medical director of the adult blood and marrow stem cell transplant and cellular therapy program in the OHSU Knight Cancer Institute. (OHSU/Kristyna Wentz-Graff)

sugar levels, robust medication regimens and frequent health care appointments, all of which take time, resources and money. Because of these barriers, many Americans with diabetes often go undiagnosed or ignore necessary treatment options altogether. A study published online in the *Journal of the American Board of Family Medicine* confirmed one way to ensure broader usage of preventive and disease management services for diabetes patients: access to affordable health care. Using electronic health record data, **Nathalie Huguet, Ph.D.**, and a team of researchers at OHSU compared changes in insurance and primary care visit rates among patients diagnosed with diabetes or prediabetes and individuals with no diagnosis. Patients received care at community health centers in 13 U.S. states, nine of which have Medicaid expansion programs.

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New clinical trial research demonstrates ongoing promising results for patients with the most

common form of lymphoma. The clinical trial, known as JULIET, focused on long-term results for study participants receiving a single dose of tisagenlecleucel, also known as Kymriah®. It uses chimeric antigen receptor (CAR) T-cell therapy, a form of immunotherapy in which the patient's own blood cells are collected, genetically engineered to attack B-cell lymphoma cells then infused back into the patient. The results from this international clinical trial show that at a median of 19 months after treatment, the overall response rate was 54 percent among 99 trial participants who were followed for at least three months or discontinued therapy early. The Phase II study, co-led by **Richard Maziarz, M.D.**, medical director of the adult blood and marrow stem cell transplant and cellular therapy program in the Knight Cancer Institute, was recently published in *The New England Journal of Medicine* and updated study results were presented at the American Society of Hematology conference in San Diego.



# *The Why*

## FINDING THE JOY OF ACADEMIC HEALTH CARE

**Danny Jacobs, M.D., M.P.H., F.A.C.S.**

**OHSU PRESIDENT**

and insufficient to others. I remember one of the things I heard on my “listening tour”: that OHSU members are passionate about their work but may sometimes feel disconnected from the larger institution. A strategic plan developed with broad input can help promote better alignment and a sense of “systemness.”

There will be additional opportunities for feedback as we move forward. But I also ask for your trust as we distill this extraordinary input to its meaningful “essence” and timeless aspirations. You’ll start to hear more about mission-specific councils that will bring subject matter experts within OHSU together to help refine the 859 descriptors submitted into a clear and compelling future picture. Please be assured that there will be more opportunities ahead for you to contribute as we move from advancing ideas to choosing priorities. You can also visit the OHSU 2025 microsite for updates.

Again, thank you for all of your hard work. People are the pillars for all of our mission activities. As the calendar turns to 2019, I hope we can all take a moment to reflect and find the pride and joy that comes with contributing to a great academic health center and improving the lives of those we serve.

Happy New Year, and thank you again for everything you have done, are doing or will do for OHSU and for Oregon.

**A**s we move into the new year, I want to thank each and every one of you for your hard work to improve the health and well-being of those in Oregon and beyond.

Five months into my tenure, I am more convinced than ever that OHSU is a special place, filled with members who are committed, collaborative, mission-driven and focused on impacting the lives of the communities and people we serve. The reason why we’re all here is very clear.

Your enthusiasm and commitment have been evident in the extraordinary response to our strategic planning initiative, OHSU 2025. Between in-person sessions and online voting, almost 5,400 OHSU members participated, creating 859 descriptors and casting more than 56,000 votes. I will say it again: this is an extraordinary response, far beyond the level of participation that is typically seen.

As I’ve said before, we seek the wisdom of the crowd precisely because in academic health centers the necessary expertise, experience and capabilities are so widely and deeply distributed. Everyone’s voice matters. We also crowd source because strategies developed by leaders in isolation may be unsatisfying to some members



# EMERITUS SPOTLIGHT

## **James D. Smith, D.V.M., M.D., M.S.**

PROFESSOR EMERITUS 2000

SCHOOL OF MEDICINE, DEPARTMENT OF  
OTOLARYNGOLOGY, HEAD AND NECK SURGERY

In 1997, Smith opted for early retirement from OHSU and assumed a position as visiting professor at the National University of Singapore College of Medicine in the Department of Otolaryngology. He was able to help restructure the otolaryngology training program for the whole country, bringing together four separate programs. Smith did this full time until 1999 and continues to be involved on a yearly basis.

More recently, he has been involved in delivering courses on medical education, residency training and faculty development. He initiated this activity in Kazakhstan in 2009 with a seminar focusing on residency education. This effort was followed with training on how to prepare clinically oriented multiple-choice questions.

Smith has since led several teams offering a variety of courses on medical education, residency training and faculty development in many countries, including Singapore, China, Kazakhstan, Kyrgyzstan, Azerbaijan, Kenya, Zambia, Malawi, Egypt, Lebanon, Macedonia and Ethiopia.

## **A. Sonia Buist, M.D.**

PROFESSOR EMERITUS 2007

SCHOOL OF MEDICINE, DEPARTMENT OF MEDICINE,  
DIVISION OF PULMONARY AND CRITICAL CARE

Buist currently leads the ATS Methods in Epidemiologic, Clinical and Operations Research Program (MECOR) that trains pulmonary physicians in clinical and epidemiologic research in resource-poor countries. MECOR has over 2,000 graduates in Latin America, Turkey, Africa, Indonesia, Vietnam, China, and India.

Buist also serves as scientific director of the Burden of Obstructive Lung Disease Study that is creating a database of COPD prevalence and its risk factors worldwide.

Other research includes exploring the link between asthma and obesity and possible approaches to the primary prevention of chronic lung disease.

# Two-Step Authentication

It takes two steps to log in to certain systems, such as mail.ohsu.edu, from outside the OHSU network. This extra layer of security is called two-step, or multi-factor, authentication. It requires you to confirm your identity in two ways: first with something you **know**, and then with something you **have**.

## How does it work?

OHSU uses Duo for two-step authentication. By protecting your OHSU account with Duo, remote attackers won't be able to log in as you—even if they somehow obtained your username and password.

After you enroll, you'll need to complete two steps when logging in to a Duo-protected system from outside the OHSU network:

1. You'll enter your username and password.
2. You'll confirm it's really you who's trying to log in. This can be done through a mobile app or with a security token (key fob).

## What do I need to do?

If you use certain OHSU systems from outside the network, you'll need to enroll in Duo. You are outside the OHSU network when, for example, you're using a computer or mobile device that is connected to:

- Your home network or your cellular network
- The OHSU-Guest wireless network
- The Eduroam wireless network
- A public Wi-Fi network at a coffee shop, hotel, airport or elsewhere

**Even if you don't need to log in from outside the OHSU network, Duo can still help protect your account: It keeps someone else from logging in as you.**

### Duo Enroll Options

Duo Mobile is a free app that you can download from your smartphone's app store. You can also find step-by-step enrollment instructions and other helpful documentation on the ITG Help and How To site by searching keyword "Duo" from the search bar in O2 or calling the ITG Help Desk: 503-494-2222 or 800-328-2422 (toll-free), select option 1, provide OHSU username and mobile phone number.

If you don't want to use the Duo Mobile app, you can request a security token (key fob) by sending an email to Duo Two-Factor duo@ohsu.edu or from your IT Contact (ITC). For ITC assistance call the ITG Help Desk: 503-494-2222 or 800-328-2422 (toll-free), select option 1, provide former Department/School.



# TRANSITIONS

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**J. Glenn Forister, Ph.D.**, director of the OHSU Physician Assistant Program, became dean of the School of Health Professions at the University of North Texas Health Science Center in Fort Worth. “Glenn brought a deep understanding of, and commitment to, the P.A. profession to his leadership of the OHSU program,” said Provost Elena Andresen. “Choosing diverse and well-rounded students who view their profession as a chance to give back and improve the lives of others was a great joy for him; his students were the foundation of his strong leadership. We will miss him indeed.”

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**Sanjiv Kaul, M.D.**, director of the Knight Cardiovascular Institute, has stepped down as institute director to focus on research.

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**Raymond Bergan, M.D.**, head of the Division of Hematology and Medical Oncology, School of Medicine, will step down from that role on July 1 to devote more of his time to research. “I have appreciated his warmth and his thoughtful advice as he has helped guide us forward,” said Brian Druker, M.D., director of the Knight Cancer Institute. “We thank Ray for his service and wish him all the best as he focuses on his important research.”

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**Sara A. Courtneidge, Ph.D.**, stepped down from her role as the Knight Cancer Institute associate director for translational sciences. Courtneidge continues her role as a professor in the Department of Cell, Developmental and Cancer Biology, School of Medicine, and member of the Knight Cancer Institute. She also continues to lead her laboratory, which seeks to understand, and intervene in, cancer cell invasion.

SAVE THE DATE

# Emeritus Faculty Luncheon

WEDNESDAY  
OCT. 30

OFFICIAL INVITES TO COME.





# IN MEMORIAM

**Morris E. Weaver, Ph.D.**  
JANUARY 9, 2018

**Michael D. Baird, M.D.**  
MAY 27, 2018

# NEW EMERITUS FOR 2019

**William E. Cameron, Ph.D.**  
ASSOCIATE PROFESSOR EMERITUS, ACADEMIC & STUDENT AFFAIRS

**Julie H. Carter, R.N., A.N.P.**  
PROFESSOR EMERITA, NEUROLOGY

**Juliana C. Cartwright, Ph.D., R.N.**  
ASSOCIATE PROFESSOR EMERITA, SCHOOL OF NURSING

**James J. Cereghino, M.D.**  
PROFESSOR EMERITUS, NEUROLOGY

**Christopher L. Cunningham, Ph.D.**  
PROFESSOR EMERITUS, BEHAVIORAL NEUROSCIENCE

**Lowell E. Davis, M.D.**  
PROFESSOR EMERITUS, OBSTETRICS AND GYNECOLOGY

**Larry M. Doyle, D.D.S.**  
ASSISTANT PROFESSOR EMERITUS, ORTHODONTICS

**Alfons L. Krol, M.D.**  
PROFESSOR EMERITUS, DERMATOLOGY

**Kathie Lasater, Ed.D., R.N., A.N.E.F., F.A.A.N.**  
PROFESSOR EMERITA, DERMATOLOGY

**Barbara J. Long, M.D., M.P.H.**  
PROFESSOR EMERITA, PEDIATRICS

**David J. Sahn, M.D.**  
PROFESSOR EMERITUS, PEDIATRICS

**Terri A. Schmidt, M.D.**  
PROFESSOR EMERITA, EMERGENCY MEDICINE

**Steven J. Skoog, M.D.**  
PROFESSOR EMERITUS, UROLOGY

**Ruth H. Whitham, M.D.**  
PROFESSOR EMERITA, NEUROLOGY

## School of Medicine Emerita Emerti Faculty (EFF group)

INAUGURAL LUNCH AND LEARN SESSION



**SATURDAY  
JUNE 1**

**11:30 AM TO 1:30 PM**

**ROBERTSON COLLABORATIVE  
LIFE SCIENCES (RLSB)  
ROOM 1S018**

RSVP to Mayra Perez, [perezm@ohsu.edu](mailto:perezm@ohsu.edu) by  
May 15, 2019.

For questions or comments regarding  
the event or if you are interested in  
participating in the School of Medicine EFF  
Group activities, contact David Nardone,  
[nardoned@ohsu.edu](mailto:nardoned@ohsu.edu).



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Portland, OR 97239

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SPRING  
2019

# Emeritus

A NEWSLETTER FOR OHSU EMERITUS FACULTY