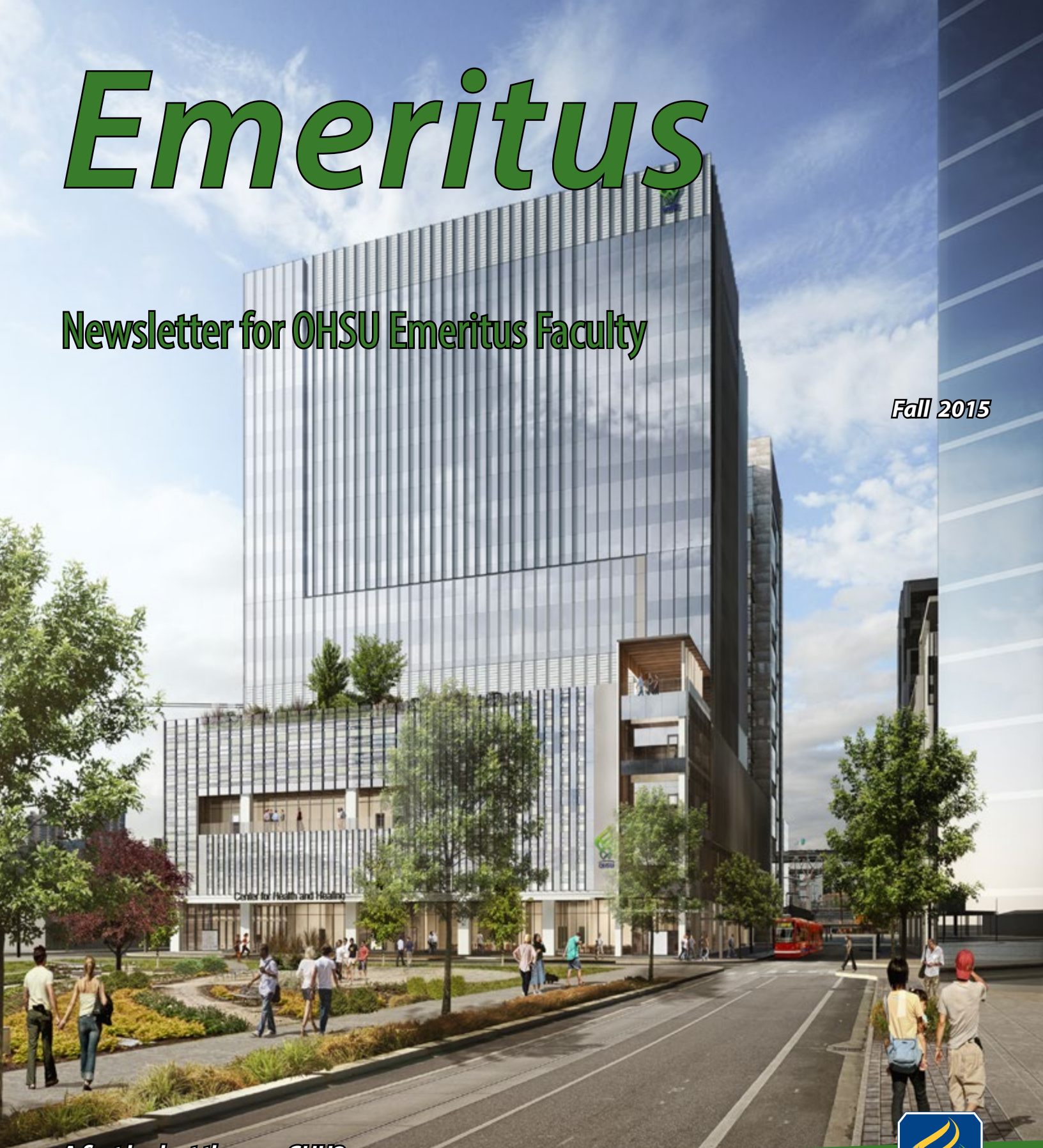


# Emeritus

Newsletter for OHSU Emeritus Faculty

Fall 2015



*A first look at the new CHH2*

OREGON  
HEALTH  
& SCIENCE  
UNIVERSITY



# Emeritus

*Emeritus Faculty News (10/15) is published intermittently. This issue covers the summer to fall, 2015. Its purpose is to keep emeritus faculty informed about changes at OHSU. Items of interest should be sent to Mary Ann Lockwood by e-mail (lockwood@ohsu.edu). OHSU is an equal opportunity affirmative action institution.*

*Sources for the material in Emeritus are many: including news releases emanating from the institutional Strategic Communications office; the School of Medicine's Dean's newsletters and "Bridges"; the School of Dentistry publications and the School of Nursing's "Connections" as well as reports in the local media.*

## **Emeritus Faculty, 2015**

### **Dentistry**

*Toni L. Eigner-Barry, D.M.D., Associate Professor Emerita  
Community Dentistry  
Robert W. Myall, B.D.S., F.D.S.R.C.S., M.D., Professor  
Emeritus, Oral & Maxillofacial Surgery*

### **Medicine**

*Grover Bagby, Jr., M.D., Professor Emeritus, Medicine  
Emil J. Bardana, M.D., Professor Emeritus, Medicine  
Gary S. Ciment, Ph.D., Professor Emeritus, Cell &  
Developmental Biology  
David C. Dawson, M.D., Professor Emeritus, Physiology  
and Pharmacology  
Patricia L. Kramer, Ph.D., Professor Emerita, Neurology  
Gregory P. Mark, M.D., Associate Professor Emeritus,  
Behavioral Neuroscience  
Carol M. Marquez, M.D., Professor Emerita, Radiation  
Medicine  
Bentson H. McFarland, M.D., Ph.D., Professor Emeritus,  
Psychiatry  
Robert S. McKelvey, M.D., Professor Emeritus, Psychiatry  
Alvin R. Solomon, M.D., Professor Emeritus, Dermatology  
Neil Swanson, M.D., Professor Emeritus, Dermatology  
R. Dale Walker, M.D., Professor Emeritus, Psychiatry  
Michael A. Wall, M.D., Professor Emeritus, Pediatrics  
Clifton R. White, Jr., M.D., Professor Emeritus,  
Dermatology  
Kristine M. Wiren, Ph.D., Professor Emerita, Behavioral  
Neuroscience*

### **Nursing**

*Ann K. Beckett, Ph.D., R.N., Assistant Professor Emerita  
Carol A. Howe, C.N.M, D.MN. Sc., F.A.C.N. M., D.P.N.A. P.,  
F.A.A.N. Professor Emerita  
Terry A. Ross, M.D., R.N., Clinical Assistant Professor  
Emerita*

### **What are YOU doing now?**

It was not a surprise that when **May Rawlinson, Ph.D.**, Professor, School of Nursing, retired in the fall of 1989 she would continue working in the community. This she did by volunteering for 20 years at Neighborhood House and ultimately a member of the Board, then Chairperson of the Board. Her commitment to rigorous research methods and increased public involvement is one hallmark of her tenure at Neighborhood House. In addition, Dr. Rawlinson became involved with the Cascadia Behavioral Health for Seniors VIEWS (Volunteers Interested in the Emotional Well Being for Seniors) that met a variety of needs, specifically with seniors. In this position she assisted Multnomah Mental Health staff not only with counseling but also with the interviews and work-ups with clients. Dr. Rawlinson has traveled through the globe – first with World Wildlife Fund – “this was a wonderful education as well as full of new and unexpected experiences,” then with the Art Museum’s colony of artists to cultural and vibrant locations throughout the West. She enjoys

taking art lessons of all kinds and although she is no longer driving the car herself but says, "I'd rather pay a driver once a week than a psychiatrist". Professor Rawlinson is 96 years old and very much involved in life at Halladay Park Plaza where she likes to joke with friends as being a "resident alien" but taking her days as a "flow" and taking each day as it comes.

Energetic **Donna Jensen, Ph.D., M.S., R.N., CNAA**, Professor Emerita, School of Nursing has taken on the task of chasing down some of the emeritus faculty members for this column.

**Frederick Seil, M.D.**, reported recently that his permanent residence is now in Berkeley California. *"I had originally come from the Bay Area (Stanford) when I joined the OHSU faculty in 1976. I retired in 2001 and moved to Berkeley in 2006. I spend every July and August at my second home on the Oregon coast. I visit the Northwest every Thanksgiving and Christmas to spend time with my sons, one of whom lives in Portland the other in Shelton, WA and their families. I continue to be active in writing reviews for publication."*

**Carol Lindeman, Ph.D., R.N., FAAN**, Dean of the School of Nursing from 1976 to her retirement in 1995, has moved back to Portland from California to be with family and life-long OHSU friends .

On retiring she made her home in Rohnert Park, some 50 miles north of San Francisco. Here she began volunteering with AARP – Tax Aide Program designed for low income persons requesting assistance in tax preparation or general counsel on tax issues. Subsequently she became coordinator for Sonoma County.

She says all of her clients were memorable, but one person in particular was with her for over ten years where she saw first hand how her client "adapted to aging". At first able to come to the client by hew own car, then by bus and eventually needing home visits. Viewing her grace and humor throughout the process was a "lesson learned", she said.

Currently in Beaverton, **Dean Lindeman** spends her time brushing up her golfing skills and preparing for more trips to national parks. But her ties with the nursing research community, the Western Institute for Nursing (WIN) and 50 years with Communicating

Nursing Research has strengthened once again. She is volunteering with colleagues to prepare the 2017 conference in Denver where the featured keynote speaker will be Doris Kearns Goodwin, notable historian and biographer.

**Julia Brown, Ph.D.**, School of Nursing, will be 100 years old in November 2015. She is currently residing at the Holiday Park Plaza and shared with me (Dr. Jensen) her life after retiring from the School of Nursing in 1989. *"I didn't want to leave," she said, I loved working with the students on their theses and various research projects. But I knew it was time".* So, Dr. Brown embarked on a variety of activities which included traveling with husband Judd, water painting at the Art Museum, and a year of writing poetry following the death of Judd. She says, "this was my mental health year and writing poetry was therapeutic for me. The following poem is one of her favorites – about leaving her home for the last time. It was submitted to a poetry competition and received the Judges' Choice award.

### **Put Out the light and Lock the Door – By Julia Brown**

*Clean out the cabinets, sweep the floor  
Pull down the shades, Now check once more  
Turn off the water, the phone and the heat  
Everything must b left clean and neat  
From this cherished house I now must go  
This house where we shared both joy and woe  
This house that bore witness to triumphs and cheers  
To music, to laughter, to hopes and to fears  
This house where we lived for 30 odd years  
This house where we aged with waning powers  
This house where you lived out your final hours...  
Now as I make the final walk-through  
Thick is the air with memories of you.  
Poignantly sad and bitter sweet  
Redolent of happiness and of defeat  
Contemplate life, and contemplate death  
My heart turns over and lost is my breath  
The sound of your voice echoes still in the air  
The tough of your hand lingers everywhere  
Your ghost's at my side as I take my last look  
At this house before closing the book.  
On our good years here as husband and wife  
My leaving now marks the end of that life  
So farewell, my dear ghost, I wish I could stay  
But my time is up, and I must away  
Put out the light and lock the door  
And go forth from this house forever more.*

## General News

### OHSU Graduation, 2015

Held on June 5th, in the Oregon Convention Center, for the first in several years 1,032 graduates got together from three OHSU schools to participated in



a combined ceremony. From the School of Medicine 461 degrees were awarded: 110 M.D. degrees, 3

M.D.-Ph.D. degrees, 41 Ph.D. degrees, 10 M.D.- M.P.H. degrees, 160 Master's degrees, 82 Associate and Baccalaureate degrees and 55 Graduate Certificates. The School of Dentistry awarded 99 degrees, 77 Doctor of Dental Medicine degrees, 17 Advanced Special Education degrees, and 5 M.S. degrees. The School of Nursing presented 349 Baccalaureate degrees, 30 Doctoral degrees and 98 Master's degrees. Hooding ceremonies for OSU/OHSU College of Pharmacy occurred on June 12 in Corvallis for 84 graduates.

### OHSU-PSU School of Public Health

At its June meeting, the governing body of the Council on Education for Public Health, a nationally recognized accrediting body for schools and programs in public health, formally approved the request of OHSU and PSU to begin the accreditation process for a School of Public Health.

### Minimum Wage Increase

OHSU has adopted a plan to implement a \$15 per hour minimum wage by July 2017. The change will be implemented in three phases over the course of 24 months. This approach will allow departments to better plan for the budgetary impacts of this change. The first phase of the plan called for a minimum wage of \$12.75 beginning in July. This phase has already been implemented with the change taking effect for unclassified employees for the first pay period in July and for AFSCME-represented employees the second pay period in July. The second phase of a minimum wage of \$13.75 will be implemented in the first pay period in July 2016 for all employee groups. Effective the first full pay period in July, 2017, OHSU will have a

\$15 an hour minimum wage. This change applies to all employees except for those who hold temporary and student work positions.

### Tuality Health Care Affiliation Agreement

In August, Tuality Healthcare and OHSU signed a letter of intent to pursue an affiliation that would integrate Tuality's clinical enterprise with OHSU's health care enterprise. If a final agreement is reached, Tuality's clinical operations will be managed by OHSU, under the strategic direction of a recently announced management company called OHSU Partners. Tuality and OHSU have a history of collaboration, including the Tuality-OHSU Cancer Center, which opened in 2002. Tuality and OHSU share a commitment to creating greater value for patients by improving outcomes, increasing access care and managing costs. The affiliation will integrate the clinical enterprises, bringing the strength of Tuality's deep community relationships together with OHSU's distinct role as a provider of highly complex and advanced specialty care.

### And the award goes to...

AGAIN --For the sixth consecutive year, Doernbecher Hospital has been ranked among the best children's hospitals in the U.S. according to U.S. News & World Reports 2015-2016 Best Children's Hospitals. It was recognized for its care in cancer, cardiology and heart surgery, neonatology, nephrology, neurology and neurosurgery, pulmonology and urology.

### OHSU Faculty News Highlights

In recent weeks, the extremely informational (weekly) publication, OHSU Faculty News from the Provost's office, has included a new section: OHSU in the News focusing on local, regional, and national media attention on OHSU faculty and program reports. The list seems to grow longer each week – most recently 13 reports.

### National Search for Department Chair of Physiology and Pharmacology

The School of Medicine is conducting a national search for the chair of the Department of Physiology and Pharmacology. David Dawson, Ph.D. stepped down in 2014 after 15 years as chair

and Beth Habecker, Ph.D. was appointed interim chair. School of Medicine Dean Mark Richardson has convened a search committee which will be led by Charles Allen, Ph.D., senior scientist, Oregon Institute of Occupational Health Sciences. The search committee will oversee a review of applicants and coordinate on-campus interviews and presentations, with the aim of developing a list of finalists to submit to the dean.

### **Treehouse Apartments**

No longer the Medical Center Hotel (later Ronald McDonald House), adjacent to the Canyon Parking Lot on the OHSU campus and on U.S. Veterans Hospital Road exists. ....Now, the space is occupied by a new, 69- unit apartment building, "Tree House", named for the campus' forest setting and completed this summer. The building opened to residents on September 1. According to the building owner, "it will bring retail storefronts to the hill" and tenants for the ground-floor retail space are being sought.

### **2015 White Coat Ceremony**



August 14 was the date 146 new medical students began their OHSU journeys – at the School of Medicine's White Coat Ceremony. "It is an exciting time to enter the medical

profession", **George Mejicano, M.D.**, Senior Associate Dean, School of Medicine, said. "As we look toward a new era in health care – one that embraces technology, health care reform and personalized medicine – these new student-physicians have the unique opportunity to positively shape the health care system for the future and patients". The incoming class was made up of 80 females and 66 males, with 129 with baccalaureate degrees, 16 with master's degrees and 1, a doctorate. Oregon residents or those with an Oregon heritage numbered 118. The mean age of class members is 26. Seven of the incoming group will participate in the M.D./M.P.H program and five will join the M.D./Ph.D. program.

### **Neuroscience Powerhouse**

In July, a guest column in The Oregonian by **Representative Earl Blumenauer** focused on contributions by scientists at OHSU. "The Pacific Northwest is a neuroscience powerhouse in a spotlight, getting bigger and brighter. This week, I'm joining hundreds of scientists, clinicians and advocates from around the world gathering Portland for two major neuroscience and neurotechnology conferences, working to spur advancements to offer patients and their families more hope for the future....In the last 15 years, technologies used in the study of neuroscience have significantly advanced....Oregon is at the forefront of this evolution and a key link in a vibrant Pacific Northwest neurotechnology hub, putting our region on the map for cutting-edge brain research. Top-tier researchers at Oregon Health & Science University are investigating the root causes and pursuing cures for everything from autism to ALS.... Neuroscience research is our generation's moon shot. The Pacific Northwest's nationally and internationally leadership, the world-class research underway at OHSU and these conferences in Portland show we are ready to accept this challenge...."

### **ARCS Foundation**

ARCS Foundation Portland Chapter will be honored on Philanthropy Day , November 9, with the prestigious "Outstanding Philanthropic Foundation" award. "This is a huge honor for our relatively young chapter," ARCS Portland president **Aletha Anderson** said when the award was announced. The award will be presented by the Oregon & Southwest Washington chapter of the Association of Fundraising Professionals.

### **And the award goes to...**

The American Heart Association/American College of Cardiology Foundation awarded the OHSU Knight Cardiovascular Institute the Get WithThe Guidelines – Heart Failure Gold – Plus Quality Achievement Award for consistently meeting advanced quality of care measures for the diagnosis and treatment of patients with heart failure. OHSU is the only hospital in the Portland metro area to receive the American Heart Association's highest distinction for heart failure care.

## **ePolst News**

In June, OHSU launched a digital system for end-of-life instructions. The end-of-life order developed in Oregon is moving online to better assist patients who are sick and frail as well as to reduce error and ensure clinical access. OHSU announced phase 1 launch of the electronic Physician Orders for Life-Sustaining Treatment, ePOLST in June. **Susan Tolle, M.D.**, Professor of Medicine, and director of OHSU's Center for Ethics in Health Care, and chair of the Oregon POLST task force, was instrumental in moving POLST to a digital platform.

## **OHSU-PNNL**

OHSU and the Department of Energy's Pacific Northwest National Laboratory in Richland, have joined forces to answer some of the world's most complex biomedical questions. Through a memorandum of understanding, the institutions have formed the OHSU-PNNL Northwest Co-Laboratory for integrated 'Omics', sharing their research programs and leading-edge technology for biological mass spectrometry in pursuit of disease markers for new therapies. "The goal of this alliance is to pursue new lines of scientific inquiry not possible before at our institutions and bring that knowledge to bear on human health," **Mary Stenzel-Poore, Ph.D.**, Senior Associate Dean for Research in the School of Medicine and Professor and Chair, Department of Molecular Microbiology and Immunology, said.

## **Expanding Cancer Treatment in Astoria**

Columbia Memorial Hospital (CMH) and OHSU agreed in the spring to collaborate to expand cancer treatment services in Astoria. One result: radiation therapy will be available close to home for people living at the mouth of the Columbia River. Columbia Memorial Hospital and OHSU announced the development of a new 18,000 square foot comprehensive cancer treatment center and specialty clinic. The CMH/OHSU Knight Cancer collaborative will expand CMH's existing chemotherapy treatment services and bring much-needed radiation therapy services to the North Coast.

## **OHSU Brain Institute**

The OHSU Brain Institute is among the top three institutions in the nation for NIH-funded

neuroscience research projects. As part of Oregon's only academic medical center, the OHSU Brain Institute conducts the most complex and innovative neuroscience research, and translates that research into the best brain care and community information for all Oregonians. OHSU is a national leader in neuroscience research and clinical care, the study and treatment of brain and nervous system conditions. The U.S. NIH ranks OHSU in the top 1 percent in the nation for neuroscience research funding. The OBI was established in 2006. It includes 11 departments in the School of Medicine, one department in the School of Dentistry and nine research institutes. Dennis Bourdette, M.D., F.A.A.N. and Bob Hitzemann, Ph.D. head the Institute's leadership council.

## **Elks Children's Eye Clinic**

The fourth annual Elks Children's Eye Clinic "Summerfest" a family-friendly event for free vision screenings, free rides and more for children ages 3 to 7 was held on June 20.

## **Join the OHSU Community Melanoma Registry**

In the spring, a new registry was announced, that will give melanoma survivors and their families an opportunity to help fight the lethal disease. The Knight Cancer Institute seeks melanoma survivors, their families and friends to join the OHSU Community Melanoma Registry. The registry is a secure, privacy-protected, confidential database and a resource to contact people in the future as participation opportunities arise. "It is a surprise to many people that Oregon has the fifth highest rate of new melanoma cases in the nation", Sancy Leachman, M.D., Ph.D., who is the leader of the Knight Cancer Institute's Melanoma Research Program and chair of the OHSU Department of Dermatology.

## **Out and About**

On October 23, OHSU's Bob and Charlee Moore Institute for Nutrition and Wellness, the OHSU School of Nursing (LaGrande campus) and Eastern Oregon University hosted a Nutrition Consortium Forum – including lectures



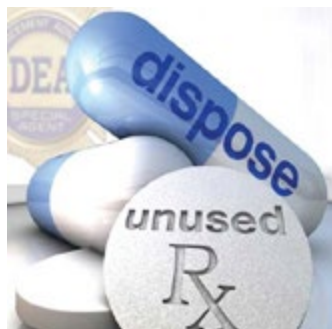
from regional experts on early life nutrition on risk for chronic disease. Group discussions included collaborative opportunities between local nutrition programs and barriers to improving nutrition.... And, the Office of Rural Health, OHSU, has scheduled the 32nd annual Oregon Rural Health Conference, "Statewide Challenges – Local Solutions", focusing on rural health care issues on October 28 at Salishan Resort, Gleneden Beach.

### Unity Center for Behavioral Health

As the first behavioral health center of its kind in the region, the Unity Center for Behavioral Health is expected to become a national model providing compassionate mental health care in terms of crisis without unnecessary waiting. Through an unprecedented collaboration between OHSU, Adventist Health, Kaiser Permanente, and Legacy Health the Center is projected to open in November 2016.

### Drug Enforcement Administration's National Take-Back Initiative

OHSU hosted a "prescription drug take back" event on September 26. The university invited the public to safely and responsibly dispose of unused or expired prescription medications as part of the Drug Enforcement Administration's National Take-Back Initiative in the Emergency Department.



### Paramedics to the Rescue

While the ability to call emergency 9-1-1 medical assistance in the U.S. has only been around since the 1960s, today paramedics are an integral part of our emergency health care system. In August, an additional 29 highly trained paramedics earned their degrees at one of the state's most highly regarded programs offered by Oregon Institute of Technology and OHSU. The 2015 graduating class of paramedics includes a growing number of women and practitioners of color, helping the field to better match the demographics of Oregonians, according to **Jamie Kennel, M.S., N.R.E.M.T. P**, Program Director and Associate Professor at the OHSU- OTI Paramedic Education Program. **Todd Ellingson, M.D.**, is medical director for the program, and is Adjunct Assistant

Professor, Department of Emergency Medicine, OHSU.

By the end of the year a 10-ton device will be mounted on the ceiling of a new suite in Doernbecher Hospital that will make the most delicate neurosurgeries safer. Doernbecher is the first at a children's hospital in Oregon to get the first high-strength intraoperative magnetic resonance imaging suite. According to **Nathan Selden, M.D., Ph.D.**, Professor and Campagna Chair of Pediatric Neurosurgery will make complex brain surgery safer and more effective.

OHSU is working on a strategic vision and business plan for building out a data science program that will direct the acquisition, integration, management and interpretation of big data to enhance biomedical research and health. The vision and business plan will be developed by the Informatics Governance Group, which will address recommended organizational structures, governance processes, data management and analytics competencies and the hardware and software infrastructure needed to make data science a center of emphasis for OHSU.

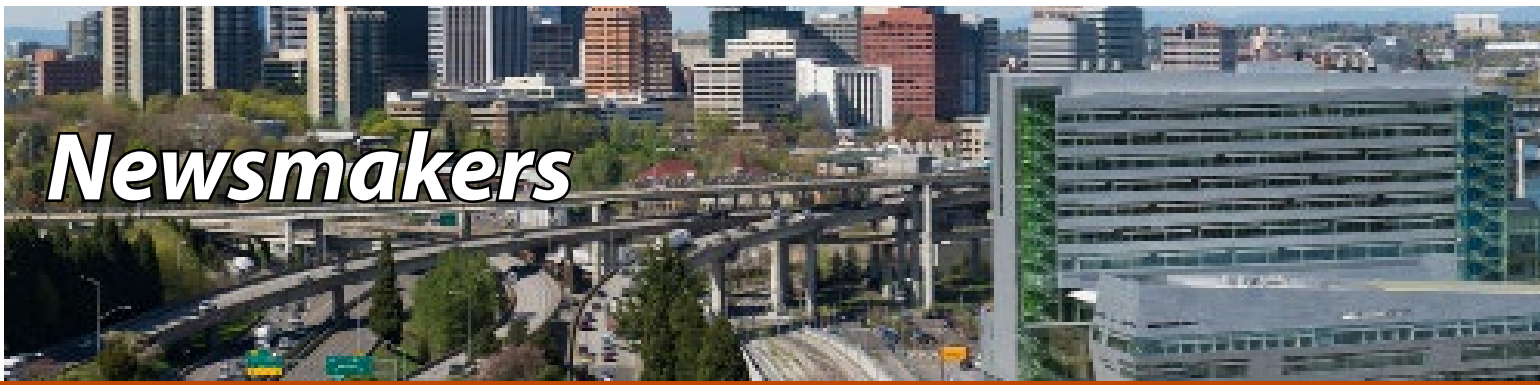
### Cancer Collaboration

Immunovia AB (Lund Sweden) and the Knight Cancer Institute have formed a collaboration to confirm, validate and commercialize a blood test for the early diagnosis of pancreatic cancer. Professor **Carl Borrebaeck**, chairman of the board of directors and founder of Immunovia, said "We are very excited to enter into this collaboration as both the OHSU Knight Cancer Institute and Immunovia share the same vision: to significantly improve the survival rates and life quality of the patients and their families, by early detection of this deadly cancer". Immunovia sought collaboration with the Knight Cancer Institute because of its commitment to early detection of cancer, as well as the depth of data collected on its patient samples through OHSU's Brenden-Colson Center for Pancreatic Care, which is co-directed by **Brett C. Sheppard, M.D.**, Professor of Surgery and **Rosalie C. Sears, Ph.D.**, Professor, Department of

### Faculty Obituaries

Daniel Labby, M.D., August 29, 2015

Robert E. Mass, M.D., June 18, 2015



# Newsmakers

Molecular and Medical Genetics, and Translational Science Director, and the expertise of its molecular diagnostics laboratories headed by **Christopher Corless, M.D., Ph.D.**, Vice Chairman, Research and Chief Medical Officer, Knight Diagnostic Laboratories.

In May, 2015, OHSU and Salem Health signed a letter of intent to integrate their clinical enterprises. The two organizations have collaborated on multiple fronts over the years, such as affiliation between the Knight Cancer Institute and Salem Cancer Institute.

In a recent news release from OHSU, **Brian Druker, M.D.**, Director, OHSU Knight Cancer Institute is quoted, *"There is no question that we can defeat cancer. What it requires is knowledge. When we understand what is broken, we can fix it"*.

## Night of Networking

OHSU will host the sixth annual Night for Networking, October 28, 6-9 p.m., at the Collaborative Life Science Building. It is a free event that introduces skilled potential employees with disabilities to local employers who are committed to workforce diversity. The event will include discussions and presentations, music, light refreshments, a raffle, sponsor gift bags, mingling and networking.

## Research Reports

For current research reports, check out OHSU Research News Blog.

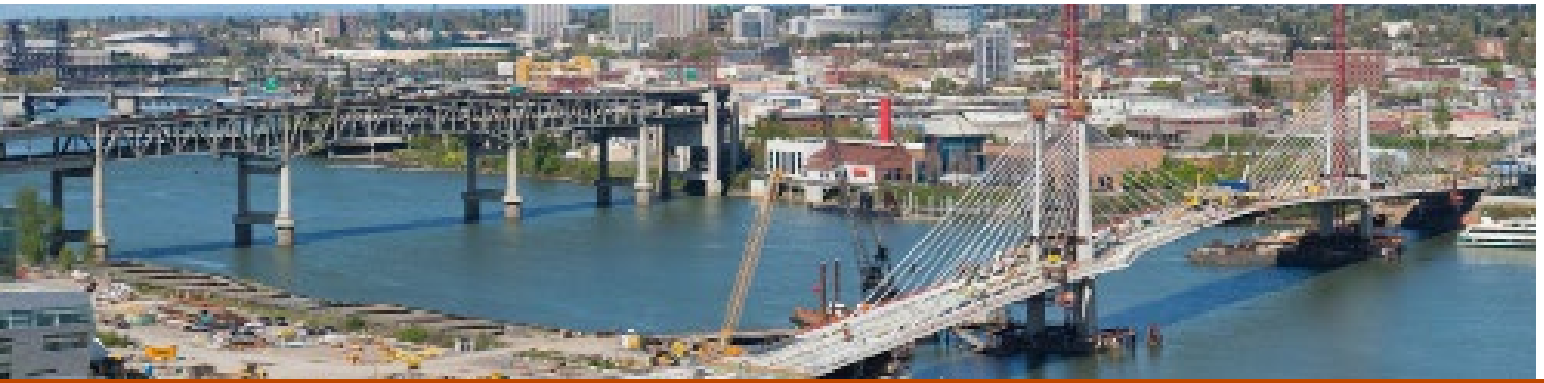
In the June 13 Science Newslines, Biology, 9 reports of ongoing research at OHSU are briefly summarized.

A novel investigational West Nile virus vaccine discovered and developed by scientists at the Oregon National Primate Research Center, OHSU, is being

evaluated in an NIH-sponsored Phase 1, first-in-human clinical trial at Duke University. Although several early-stage West Nile virus vaccine clinical trials have been completed to date, no human vaccine has been approved for commercial use. *"West Nile virus represents a significant threat to public health in the U.S., especially among the immunocompromised and elderly"*, **Mark Slifka, Ph.D.**, Professor of Molecular Microbiology and Immunology, Senior Scientist, at the Primate Center, said. *"We believe our vaccine approach will not only be safe and effective for West Nile virus, but it could also provide significant protection against other important human pathogens, including yellow fever, dengue hemorrhagic fever, and, potentially even Ebola"*.

Scientists at OHSU, Stanford University, University of Valencia and IGENOMIX have discovered that chromosomal abnormalities in human embryos created from invitro fertilization, can be predicted within the first 30 hours of development at the cell-1 stage which results from the union of a female egg and male sperm. This discovery, published online on August 3, in the journal Nature Communications could improve IVF success rates which has hovered around 39-35 percent for numerous years worldwide. Key findings of this research, which was conducted by **Shawn L. Chavez, Ph.D.**, co-author of the study and assistant scientist in the Division of Reproductive and Development Sciences at the Primate Center, and assistant professor of obstetrics and gynecology and physiology and pharmacology in the School of Medicine.

A team of three OHSU researchers were selected by the National Institutes of Health to receive a major grant for a long-term study tracking



the effects of adolescent substance abuse on the developing brain. **Damien Fair, P.A.-C, Ph.D., Bonnie Nagel, Ph.D.,** and **Sarah Feldstein Ewing, Ph.D.** were awarded one of 13 grants looking at cognitive and social development in approximately 10,000 children across the U.S. The total amount from NIH for this award is \$30 million annually.

NIH Director, **Francis Collins**, posted a blog entry in mid-June showcasing the work of **Peter Barr-Gillespie, Ph.D.**, Professor of Otolaryngology, School of Medicine, and Associate Vice President for Basic Research at OHSU. The post provided a snapshot of Barr-Gillespie's research and also featured an image of sensory hair cells captured by Barr-Gillespie and **Kateri Spinelli, Ph.D.**, at the time a student in Barr-Gillespie's lab. Dr. Spinelli is now a post-doctoral fellow in the OHSU Jungers Center.

Mutations in the ALK gene were identified in the tumors of two leukemia patients, and laboratory studies indicated that leukemias harboring these mutations may respond to ALK inhibitors such as crizotinib and ceritinib, according to a study published in *Cancer Research*, the journal of the American Association for Cancer Research (and reported in June) that was conducted by researchers in the Knight Cancer Institute. *"Genetic lesions involving ALK have been seen recurrently in a number of different types of solid tumors, but to my knowledge, ALK mutations have not previously been implicated as a major contributor to leukemia"*, according to **Jeffrey Tyner, Ph.D.**, a researcher for the Knight Cancer Institute and assistant professor of cell, developmental and cancer biology in the School of Medicine. He said, *"The discovery of new mutant versions of ALK that may contribute to the development of leukemia and can be therapeutically targeted suggests new treatment options for patients*

*with leukemia with ALK mutations."*

**Carmem Pfeifer, D.D.S., Ph.D.** assistant professor of biomaterials and biomechanics, School of Dentistry, became an inventor without intending to. In 2009, Dr. Pfeifer attended a conference related to the coatings industry and she wondered *"How can I harness this technology and translate it into a biomedical application?"* As a result she has created a new durable dental composite that she hopes to further develop the dental additive to scale up to one-kilogram batches, ultimately creating a working commercial composite prototype. She had received a 2015 Bioscience Innovation Award.

A national survey of more than 750 emergency medical services providers conducted by **Jeanne-Marie Guise, M.D., M.P.H.**, professor of obstetrics and gynecology and emergency medicine, School of Medicine, identified airway management skills, personal anxiety and limited pediatric care proficiency are among key factors that may contribute to pediatric safety events for children in out-of-hospital emergent care situations. The study was published in *The Journal of Pediatrics* in mid-August.

A study from the laboratory of **Michael Chapman, Ph.D.**, professor of biochemistry and molecular biology, School of Medicine, titled *"Parsimony in Protein Conformational Change"* was published in the journal *Structure* in June, and provides a more complete picture of how proteins move. The study bridges a significant gap in knowledge that will determine what – at the molecular level – causes disease and how best to treat those illnesses. The long-term results of this work may provide a foundation for the development of more effective drug treatments.

**Cynthia Perry, Ph.D., F.N.P.-B.C.**, associate professor, and director of the family nurse practitioner program, School of Nursing is taking the his concept to a targeted audience with a two-year research study: Adaptation of an exercise and nutrition program to rural Latinas. Through a grant from the National Cancer Institute, she is expanding on previous work promoting physical activity with rural Latino youth to introduce interventions that can reduce disparities related to physical inactivity and poor diet among Latinas in the Yakima Valley.

In the largest U.S. clinical trial of its kind funded by the VA Rehabilitation Research and Development Service, researchers at the VA Portland Medical Center and OHSU found that transcranial magnetic stimulation significantly improved tinnitus symptoms for more than half of study participants. The findings were published July 16 in the journal *JAMA Otolaryngology –Head & Neck Surgery*. *“For some study participants, this was the first time in a year they had experienced any relief in symptoms. These promising results bring us closer to developing a long-sought treatment for this condition that affects an enormous number of Americans, including many men and women who have served in the armed forces”* **Robert Folmer, Ph.D.**, associate professor, otolaryngology/Head and Neck surgery, School of Medicine, research investigator with the National Center for Rehabilitative Auditory Research at the VA Portland Medical Center, said.

According to a report in the journal *Science-Translational Medicine*, approximately 80 percent of infants in neonatal intensive care units receive antibiotics known to be toxic to the ear, according to **Peter S. Steyger, Ph.D.**, professor of otolaryngology, head and neck surgery. *“Currently, it’s accepted that the price that some patients have to pay for surviving a life-threatening bacterial infection is the loss of their ability to hear. We must swiftly bring to clinics everywhere effective alternatives for treating life-threatening infections that do not sacrifice patients’ ability to hear”*.

### Neuroscience Advancement

Despite decades of neuroscience advancement, new diagnostic technologies, and a focus on studying children with disabilities, many children with special needs like attention deficit hyperactivity and dyslexia are still being left behind at school, according to

**Damien Fair, PA-C, Ph.D.**, Associate Professor of Behavioral Neuroscience and Psychiatry, said in a September briefing on Capitol Hill, as one of three scientists presented the latest research on why these children tend to fare poorly in school. The briefing was organized by the American Association for the Advancement of Science. Dr. Fair said, *“We have all this stuff – new brain imaging technologies, big data samples, etc --. why are we not making really fast progress?”*

In a slight knock on digital and telephone communications, a new study points to the unsurpassed mental health benefits of regular face-to-face social interactions among older adults. The gains people derived from face-to-face socializing endured even years later. The findings were published online in October in the *Journal of the American Geriatrics Society*. *“Research has long supported the idea that strong social bonds strengthen people’s mental health. But this is the first look at the role that the type of communication with loved ones and friends plays in safeguarding people from depression. We found that all forms of socialization aren’t equal”*, **Alan Teo, M.D., M.S.**, Assistant Professor of Psychiatry, OHSU, and researcher at the VA Portland Health Care System.



A study led by **Shoukhrat Mitalipov, Ph.D.**, and **Hong Ma, M.D., Ph.D.**, at the Center for Embryonic Cell and Gene Therapy at OHSU and the Oregon National Primate Research Center revealed the first critical step in developing novel gene and stem cell therapy treatments for patients with mitochondrial disease. This breakthrough was published online on July 15 in the journal *Nature*.

### Awards/Honors

**David Ellison, M.D.** Director of OCTRI (Oregon Clinical and Translational Research Institute), Associate Vice President for Clinical and Translational Research, Professor of Medicine



## Directline

On June 25, ABC's Good Morning America broke the news that OHSU had raised \$1 billion to find better ways to detect and treat cancer. On June 25,

OHSU President **Joe Robertson, M.D., M.B.A.** said, in "Directline" to OHSU employees, *"I'm thrilled to report that OHSU has fulfilled the challenge put to us by Phil and Penny Knight. We have officially crossed the \$500 million fundraising threshold, triggering the \$500 million match from the Knights. OHSU has now raised \$1 billion to fight cancer. ... Take a moment to let that sink in. It's important to remember that we all have a hand in this moment. The challenge grew out of the grand scientific vision expressed by Brian Druker, M.D.: to end cancer as we know it. This in turn arose from the passion we all share, a relentless drive to improve the health and well being of those we serve – in Oregon and beyond. This is a tremendous day for OHSU and our state. I believe that together we've changed the face of philanthropy in ways that will be transformational for Oregon: in improved cancer care, preeminence in cancer research, significant economic impacts and increased national attention. The eyes of the nation are on us now. This has already raised OHSU's profile and increased philanthropy in non-cancer areas as well. A rising tide lifts all boats."*

In the August 19 "Directline" OHSU President Joe Robertson M.D., M.B.A., announced the launch of the Collaborative Cancer Cloud. "This morning, OHSU and Intel announced the launch of the Collaborative Cancer Cloud. To explain exactly what this is, I need to take a step back. A little more than two years ago, OHSU and Intel joined forces to combine next-generation computing platforms with our unique capabilities in biomedical research. The goal is to make it far faster and less costly to use an individual patient's genetic data to find and treat the root causes of disease – in short, precision medicine. ... Today's announcement is an important step forward in this shared effort. The Collaborative Cancer Cloud will provide an open-

source analytics platform that allows providers to securely share patient genomic data for potentially lifesaving discoveries and helps advance the goal of "all-in-one day"

Care. ... This means that patients across a spectrum of cancers could have their cells analyzed through genome sequencing and imaging, and a precision treatment plan could be tailored specifically for their disease – all delivered within 24 hours. This would be a tremendous improvement in quality of care and patient experience and, if successful, will have significant implications for advancing precision medicine in all disease areas. This is a challenge that will require collaboration between biomedical researchers, computer science and bio-computing professionals and health care providers. At its heart, precision medicine is a data science that requires the ability to analyze samples from hundreds of thousands of patients to inform treatment plans. But this is not just a technology challenge. We will have to demonstrate improvements in both computing efficiency and clinical workflows. The collaborative Cancer Cloud will provide the platform and shared analytics – while still protecting patient data and privacy – giving providers the tools to collaborate for the delivery of precision treatment".

*continued from page 10...*

Division of Nephrology and Hypertension and staff physician, VA Portland Health Care, has been appointed by the NIH Center for Scientific Review as chairperson of the Kidney Molecular Biology and Genitourinary Organ Development Study Section, NIH.

**Paula Gubrud-Howe, Ed.D., R.N.** associate professor and senior dean for education and statewide programs, School of Nursing, was recently appointed to serve as a member of the Institute of Medicine's Committee for the Evaluation of the Impact of the IM Report, *"The future of nursing: Leading change, advancing health."*

**Misti Ridgeway** was voted OHSU's 2015 President's Award winner. Misti, a radiologic technologist in the Doernbecher diagnostic radiology department was recognized for saving the life of a Doernbecher patient. President Robertson recognized Misti and her family and her colleagues and helped her plant

a yellow rose in front of Mackenzie Hall in her honor. The President's Award recognizes a Golden Rose recipient of the past year whose dedication to service goes beyond their job description. Twelve nominees are considered and voted on by OHSU employees, students and volunteers.

In June it was announced that the Knight Cardiovascular Institute received the Gold-Plus Award for outstanding heart failure care. The American Heart Association/American College of Cardiology Foundation awarded the Knight Cardiovascular Institute the "Get With the Guidelines-Heart Failure-Plus Quality Achievement Award" for consistently meeting advanced quality of care measures for the diagnosis and treatment of patients with heart failure. OHSU is the only hospital in the Portland metro area to receive the American Heart Association's highest distinction for heart failure care.

School of Medicine Senior Associate Dean for Clinical Practice and Chief Executive Officer of the Faculty Practice Plan **Tom Heckler, M.B.A.** was presented with the 2015 Dean's Award at an all-faculty meeting in June. The award is given by the Dean of the School of Medicine in recognition of an individual who has shown a commitment to the School. In July Heckler announced that he will step down from his leadership role in the OHSU Faculty Practice Plan. Once the transition is complete with a successor, he will remain involved in special projects through June, 2016.

**Seiko Izumi, Ph.D., R.N.**, Assistant Professor, School of Nursing, received the prestigious Sojourns Grant from the Cambia Health Foundation. The innovation program promotes palliative care workforce development by funding research, clinical, educational or policy projects. Dr. Izumi was named one of 10 recipients of a two-year, \$180,000 grant through Cambia Health Foundation's annual national Sojourns Scholar Leadership Program.

**Timothy Smith, M.D., M.P.H.**, Professor of Otolaryngology, Head and Neck Surgery, School of Medicine, is the first American rhinologist to be elected to the 50-member Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum (CORLAS).

**Michael Cohen, Ph.D.**, Assistant Professor of Physiology and Pharmacology, School of Medicine,

has been named to the 2015 Class of Pew Scholars. The Pew Scholars are selected each year by the Pew Charitable Trusts. The program supports the research of young investigators who demonstrate exceptional potential in biomedical research.

**Brian O'Roak, Ph.D.**, Assistant Professor of Molecular and Medical Genetics, School of Medicine, has selected for the Klingenstein-Simons Fellowship Award in the Neurosciences. He also received the 2015 INSAR Young Investigator Award and Sloan Research Fellowship earlier this year. Dr. O'Roak is one of three scientists selected to receive the International Society for Autism Research's 2015 Young Investigator Award in May.

**Eric Gouaux, Ph.D.**, Senior Scientist, Vollum Institute, and Howard Hughes Medical Investigator, will receive the 2016 Anatrache Membrane Protein Award from the Biophysical Society. Dr. Gouaux is being recognized for his work on the atomic structure of neurotransmitter transporters and ion channels that has revolutionized our understanding of the molecules underlying synaptic transmission in the brain.

**Christopher Lee, Ph.D., R.N., F.A.H.A., F.A.A.N.**, Associate Professor, School of Nursing, has been selected to receive a career achievement award from the American Heart Association in recognition of his innovations in heart failure symptom biology research. The Arteriosclerosis/Heart Failure Research Prize recognizes outstanding research by nurse investigators in the area of arteriosclerosis and/or heart failure is based on originality, innovation, overall qualifications, etc. Dr. Lee will receive the award at the 2015 American Heart Association's Scientific Sessions in November.

The Dental Materials Group of the International Association for Dental Research awarded **Tom Hilton, D.M.D., M.S.** Alumni Centennial Professor of Operative Dentistry, was awarded the Ryge-Mahler Award in March.

In August **Peter Kurre, M.D.**, Professor, Doernbecher Hospital, is one of 13 investigators who received American Society of Hematology awards -- a one-year \$150,000 award to provide interim support for promising hematology research proposals that could

not be funded by the NIH.

In a major advance in the field of neuropsychiatry, researchers in the Vollum Institute, OHSU, have illuminated how cocaine and amphetamines disrupt the normal functioning of the dopamine transporter in the brain. This discovery paves the way for developing treatments that could blunt the effects of cocaine and amphetamines in patients who are addicted. "Our research pinpoints how these addictive drugs interfere with the dopamine transporter and normal signaling in the brain, bringing us close to developing effective treatments for people who are addicted to cocaine and amphetamines, **Eric Gouaux, Ph.D.**, Senior Scientist, Vollum Institute and Howard Hughes Medical Institute investigator.

**Amy Ross, Ph.D., R.N., CNS**, assistant professor and health systems organizational leadership director, and **Hiroko Kiyoshi-Teo, Ph.D., R.N.**, clinical associate professor, School of Nursing, are 2015 recipients of the annual faculty Hartford Award for Research and Practice.

**Rick Daniels, R.N., Ph.D.**, Associate Professor, School of Nursing, was recognized in the Coquille Sentinel and the Idaho Statesman for his involvement in providing emergency care (and saved a life) at the site of a two-car collision near Boise, Idaho.

**Dennis Crawford, M.D., Ph.D.**, Associate Professor of Orthopaedics and Rehabilitation, was presented with the Cum Laude Award from the International Cartilage Repair Society in May.

**Mandy McKimmy, D.N.P., N.P.-C, A.P.R.N.**, Clinical Associate Professor, School of Nursing, has been elected as the new Oregon representative for the American Association of Nurse Practitioners.

**Robert Orfaly, M.D.**, Associate Professor of Orthopaedics and Rehabilitation, has been installed as president-elect of the Oregon Medical Association.

**Albert Starr, M.D.**, Distinguished Professor of Cardiovascular Medicine, School of Medicine, was awarded the 2015 Grand Prix Scientifique by the

Institut de France, a prestigious international prize in cardiovascular science in June. The prize recognizes his co-inventing and implanting the world's first artificial heart valve.

**John Berry, M.D.**, Professor of Urology, received the 2015 Ramon Guiteras Award, the American Urological Association's most prestigious honor, for outstanding contributions to the art and science of urology in May.

**Jason Hedges, M.D.**, Assistant Professor of Urology, was given the Outstanding Reviewer in 2014 Award by the editors of The Journal of Urology at the same meeting.

Staff and faculty members of the Division of Cardiothoracic Surgery and the Knight Cardiovascular Institute won a first place national award during the 23rd annual United Network for Organ Sharing Transplant Management Forum in April. The winning abstract, "Cost Modeling and Global Reimbursement Analysis in the Medical Group: Establishing the Reimbursement to Cost Ratio for the Heart Transplant Surgery Practice," focused on costs and managed care reimbursement around heart transplant care provided by the division. **Scott Kihoi**, manager, Division of Cardiothoracic Surgery led the multidisciplinary team behind this honor.

The School of Medicine received an American Academy of Family Physicians Top 10 Award in the spring, for its consistent contributions to building the family physician workforce. This is the fourth consecutive year the school has received the honor.

**Michael Cohen, Ph.D.** Assistant Professor of Physiology and Pharmacology, School of Medicine, was one of 22 early-career researchers named a 2015 Pew Scholar in the Biomedical Sciences in June. He is the sixth OHSU scientist to be honored as a Pew Scholar.

The Collaborative Life Sciences Building was named one of the American Institute of Architects' COTE's Top Ten for 2015 for its exemplary architecture design and ecological design. This ranking was covered by a variety of trade publications. The building was awarded LEED Platinum certification in 2014.

**Tatum Langford Korin, Ed.D., M.A.**, has been

## Appointments

appointed Assistant Dean for Education and Innovation, School of Nursing.

**Sergio Fazio, M.D., Ph.D.**, Professor of Medicine and Director, Center for Preventive Cardiology in the Knight Cardiovascular Institute. His appointment was announced in July.

**Shawn Chavez Ph.D.**, is now Assistant Scientist in the Division of Reproductive and Developmental Sciences at the Primate Center and Assistant Professor, School of Medicine Departments of Obstetrics and Gynecology and Physiology and Pharmacology. Dr. Chavez comes to OHSU from Stanford.

**Devon Berry, Ph.D., R.N.** has been named Executive Associate Dean in the School of Nursing.

**Pamela Cassidy, Ph.D.**, is the new research associate professor in the department of dermatology. Her research focuses on melanoma chemoprevention – developing agents that ameliorate the pathophysiological processes resulting from UV radiation.

**Sarah Biber, Ph.D.** is the new operations and programs officer for the Oregon Translational Research and Development Institute, and in addition will develop and expand outreach programs that assist startup bioscience entrepreneurs to grow their companies. She will be responsible for OBI (Ontario Brain Institute) client relations.

New to the faculty is **Maros Ferencik, M.D., Ph.D.**, a clinician scientist with the Knight Cancer Institute, whose special focus is general cardiology, cardiac imaging and Cardio-Oncology.

**Greg Moawad, J.D., M.B.A.**, has been named vice president for campus safety, a new role in which he will oversee the Department of Public Safety, Affirmative Action and Equal Opportunity, and title IX compliance. This change will integrate OHSU's existing law enforcement, crime prevention and threat assessment functions with efforts to encourage workforce diversity, site accessibility

and eliminate discrimination.

**Hagai Tavori, Ph.D.** is now Assistant Professor with the Knight Cardiovascular Institute. His research is focused on lipoprotein metabolism and its role in heart disease.

**Owen McCarty, Ph.D.**, Associate Professor, Biomedical Engineering and Associate Professor, Department of Cell and Developmental Biology, and **Aditi Martin, Ph.D.** have joined the team of the Oregon Clinical and Translational Research Institute. Dr. McCarty has been appointed as Scientific Director for OCTRI's Biomedical Innovation Program (BIP). Working closely with Technology Transfer and Business Development he will help develop and extend BIP. Dr. Martin, who joined OHSU in late September, has been named director of the OCTRI awards program. She came from Johns Hopkins where she was a senior business development associate in the office of technology ventures.

**Minkyong Song, Ph.D., R.N., FNP-BC** has joined the faculty of the School of Nursing as Assistant Professor.

**Brendon Rauw, M.B.A.**, has joined OHSU as vice president, technology transfer and business development. He comes to OHSU from UCLA where he served as associate vice chancellor and executive director of entrepreneurship.

**Matthew Drake, M.D.**, is now Assistant Professor of Pulmonary Medicine with a special focus on asthma and critical care.

**Paul Gorman, M.D.** is now Assistant Dean for Rural Medical Education, School of Medicine, a new leadership position in the School.

**Nicole Deiorio, M.D.**, Professor, Department of Family Medicine and **Benjamin Schneider, M.D.**, Assistant Professor, Family Medicine, have joined the School of Medicine Dean's office leadership team as assistant deans for student affairs.

**Joe Gray, Ph.D.** has stepped aside as chair of the Department of Biomedical Engineering and **Owen McCarty, Ph.D.** is interim chair. Dr. Gray continues vice chair as well as focusing on his scientific programs.

**Kristin Lutz, Ph.D., R.N.**, Assistant Professor, School of Nursing, has been elected as the incoming Faculty Senate president.

**Minkyong Song, Ph.D., R.N., FNP-BC** has joined the School of Nursing as assistant professor. She has come from the University of Michigan where she spent three years as assistant professor and research scientists.

**G. William Knight, D.D.S., M.S., M.S., F.A.C.D.**, joined the School of Dentistry in the spring as Senior Associate Dean for Academic Affairs.

The School of Medicine announced the appointment of **Ben Hoffman, M.D., FAAP**, professor of pediatrics, and **Lainie Yarris, M.D., MCR**, associate professor of emergency medicine, will serve as co-directors of faculty development. In a team led by **Michele Favreau, Ph.D.**, associate dean for professional development and lifelong learning, they will bring their excellence and expertise in education in both clinical and basic science departments.

**Kathleen Humphries, Ph.D.** has joined OHSU as director of the University Center for Excellence in Development Disabilities and associate director for research and academic affairs at the Institute on Development and Disability.

**Jack Ferracane, Ph.D.**, Professor and Chairman, Restorative Dentistry, School of Dentistry, has been named one of Medical Technology Schools' top 10 professors of dental technology for 2015

In addition, in a September report, the School of Medicine added 68 new faculty members in June, July and August.

## Transitions

**Kim Burchiel, M.D.**, John Raaf Professor and Chair, will step down as chair of the Department of Neurological Surgery at the end of 2015, according to an announcement from School of Medicine **Dean Mark Richardson, M.D. Nathan Selden, M.D., Ph.D.**, Professor and Campagna Chair of Pediatric Neurosurgery will become chair of the department. Dr. Burchiel will remain a member of the faculty and will continue to provide clinical care as well

as begin involved research education and key strategic university-wide initiatives of neurological surgery. Dr. Burchiel was recognized with the AANS (American Association of Neurological Surgeons) Distinguished Service Award for 2015 for exemplary service to the organization and field of neurosurgery.

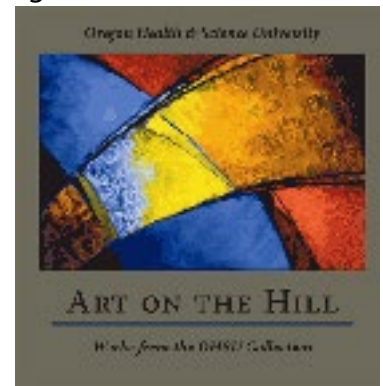
**Carol Howe, C.N.M., D.N.Sc, F.A.C.N.M., D.P.N.A.P.**, School of Nursing, Associate Dean for Practice and Director of the Nursing Midwifery Program, also "godmother" of midwifery, retired from OHSU July 1.

## Art on the Hill

A brand new website was established in September for those interested in the remarkable OHSU art collection.

To view a sampling from the collection of about 900 pieces of original art go to [www.ohsu.edu/art](http://www.ohsu.edu/art)

Should you wish to purchase a copy of the book, *Art On the Hill*, there is a link on the first page of the piece, or you can contact the OHSU Foundation, 503-228-1730.



## NWCCU

### Accreditation Site Visit

As part of the regular accreditation cycle, OHSU will undergo a site visit by the NWCCU Nov. 2-4, 2015. The visit is part of OHSU's Year Seven Evaluation, a comprehensive review of the university's compliance with accreditation standards. The NWCCU last reaffirmed OHSU's accreditation in 2012. OHSU received its initial regional accreditation in 1980.

During its visit, the team will tour the OHSU campus, review documents and interview students, alumni, faculty, staff, leadership and members of the Board of Directors.

For more information, visit the NWCCU website: [www.nwccu.org](http://www.nwccu.org)

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