

BEAVER_x

OSU/OHSU Collaborations: Exemplify World Class Research Partnerships

Imaging pancreatic cancer with fluorescent nanoparticles. Read more on page 8





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Drs. Oleh and Olena Taratula (OSU) and Dr. Khashayar Farsad (Dotter Interventional Institute, OHSU), inspect a fluorescent micrograph showing pancreatic cancer imaged by a nanoparticle-based reagent.

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DEAN'S MESSAGE



When I looked back at the last academic year in preparing this note for the 2017 BeaverRx, I was once again filled with pride as I reviewed the long list of accomplishments of our faculty, staff and students. I'm never surprised by their many successes, but what really struck me this year was the threads of collaboration and partnership that run through almost everything we do in the College. It's this power

of partnership that continues to drive excellence in the College and expand our educational, clinical, research and outreach programs.

The partnership that has undeniably had the biggest impact on the direction the College has taken during the last 20 years is the alliance with OHSU. Whether it's expanded student learning and outreach opportunities such as new clerkships, the interprofessional rural campus, global health rotations in Southeast Asia, or new faculty research collaborations, clinical services and career development pathways, partnering with OHSU has been integral to elevating the prominence and success of the College of Pharmacy.

As we highlight in this edition of the BeaverRx, the close relationship with OHSU - Oregon's only academic health sciences center - has been an important contributing factor to faculty success. The inherent collaborative nature of our faculty and the opportunities for shared resources and joint appointments in clinical and basic science departments at OHSU have been crucial to the growth in research and scholarship, clinical service and faculty development. College of Pharmacy faculty, at both the Corvallis and Portland campuses, have nearly 40 active research collaborations with colleagues at OHSU. The significance of these collaborations is underscored by the fact that joint OSU-OHSU research grants now represent approximately 30% of the College's total active external funding.

Please enjoy this edition of the BeaverRx and as you read through it I hope you have the same sense of pride as I do in the tremendous people at the heart of the OSU College of Pharmacy and gain an appreciation for the value that partnership and collaboration bring to the College. I hope to see many of you during the coming year and, as always, please reach out to us with your news and story ideas.

Sincerely,

Mark Zabriskie, PhD
Dean



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▶ Stress Management for Pharmacists

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Gain the tools to identify problems, reduce risk, and improve communication
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▶ Cultural Competency and Health Disparities

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Improve leadership skills and enhance staff performance
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and expectations of the technician.

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These programs have been planned and implemented in accordance with the policies of the Accreditation Council on Pharmacy Education (ACPE) through the sponsorship of Oregon State University College of Pharmacy. Oregon State University College of Pharmacy is accredited by the ACPE as a provider of continuing pharmacy education.

ALUMNI DIRECTOR'S MESSAGE



Alumni! You are our "brand" and we are proud to highlight your accomplishments in this annual magazine. Don't miss page 12 for highlights of some outstanding OSU graduates.

It is a pleasure to bring news of the college, our students, faculty and alumni, through this annual production of the BeaverRx! We have great stories for you this year about incredible research, alumni accomplishments, innovative students and progressive faculty. We have many activities and upcoming events designed for you to stay connected with colleagues, the profession, and the college.

We are proud to be a respected source of continuing education and professional development for you. This year has seen the national expansion of our Birth Control certification in support of the groundbreaking legislation making Oregon pharmacists among the first in the nation to prescribe. (See page 2). Additional states have adopted our certification as they follow in Oregon's (your) footsteps.

Following are some of the featured events that you will want to put on your calendars now!

We look forward to welcoming everyone back to campus for our **2017 Pharmacy Class Reunions during Homecoming** on Saturday, October 14, 2017! Those of you in the classes of 2007, 1997, 1987, 1977, 1967 and 1957 have received invitations by email and mail. If we have missed you, now is the time to call and let us know so we are certain to include you in all the fun! We have both the **Fan Cave** private end-zone football fundraiser that supports the college's Entrepreneurial Academy, that weekend (see page 19) and the annual Homecoming Dean's Coffee hosted for everyone, 3 hours before game time as well.

When you are in the College for a visit, don't miss stopping by the revamped Icons of Pharmacy display on the wall outside of our Dean's conference room. It is a lovely representation of those bestowed with the College's highest honor. See pages 22-23 for stories on the 2017 Icon awardees.

Our newest alumni group here at the College, the Recent Grad Leaders, continues to grow with young alumni connecting with our incoming P1 students. See page 22 for a full story. Alumni connecting...that is part of what makes our college very special.

Look for a unique and innovative inter-professional education opportunity on Friday, March 2, 2018 as we co-sponsor **Current Issues in Healthcare Interprofessional CE** with the OHSU College of Medicine. The program centers on the Patient Simulation Lab in our Portland building in the OHSU waterfront.

Look for tickets to be available for the annual **Apothecary Ball**, which has grown into the premier pharmacy social

event of the year with colleagues, OSU students, alumni and corporate sponsors all enjoying a great pharmacy party in our Collaborative Life Sciences building on the OHSU waterfront. The theme this year is Mediterranean Nights. Put Saturday, March 3, 2018 on your calendar now!

Many of you will attend the annual **APhA Convention** in Nashville. Make note that our alumni and friends reception will be at Rock Bottom Brewery and we would love to see you there!

Our MBA program for PharmD students and alumni, continues to grow. We are always looking for excellent MBA pharmacy rotation sites for our 4th year students. If you are interested in serving as an MBA dual-degree site, please contact Juancho Ramirez, our Experiential Coordinator. Our MBA students create exceptional business-related projects during these rotations. (For MBA information, see page 18).

Finally, we are excited to launch into a focused endeavor to better re-connect with our esteemed PhD graduates. We launched development of our research and PhD College of Pharmacy PhD Alumni Circle of Influencers by hosting an OSU alumni reception at the annual American Society of Pharmacognosy meeting, held in Portland. Page 7 has highlights and photos from this inaugural event.

A special thanks is due to those alumni and friends who participate in our annual Professional Day, held each spring. This day serves to provide our first and second year students with an intense look at many areas of professional practice. See page 16 for highlights of this day. Please let me know if you wish to be involved in this annual day at the college.

Regards,

Paige Clark, RPh ('86)
Director of Alumni Relations and Professional Development

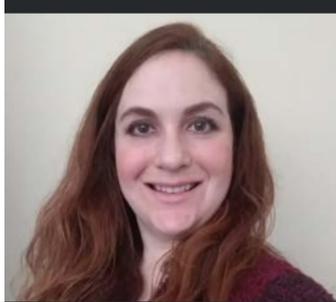


NEW FACULTY



Nic Bookman

Nic Bookman, MPH, joins the College of Pharmacy to support the development and assessment of data used to drive evidence-based improvements across the College. He has a Master of Public Health from Oregon State University and previously worked with the OHSU School of Nursing. Nic will serve as a resource in the creation of cutting-edge, appropriately designed presentation materials, and other visual communications using up-to-date data visualization techniques.



Dr. Rebecca Castner

Rebecca Castner, PharmD, joins the OSU/ OSHU College of Pharmacy as a Clinical Assistant Professor in the Pharmacy Practice department. Rebecca previously served on the Chicago State University College of Pharmacy faculty. She earned her PharmD from the University of Maryland before completing a PGY1 from Xavier University of Louisiana and a PGY2 with the University of Cincinnati. Rebecca will have a clinical practice in ambulatory care at Central City Concern in Portland.



Dr. Susan Morley

Susan Morley, PharmD, is joining our faculty as an instructor in Pharmacy Practice. Susan comes to us from Lipscomb University College of Pharmacy and Health Sciences located in Nashville, Tennessee. During her six years at Lipscomb, Dr. Morley taught courses in pharmacy management, leadership, communication skills for health professionals and inter-professional education. She has experience in retail, hospital, specialty and Navy pharmacy during her twenty-year career.



Julia Page

Julia Page Received her PharmD University of Missouri - Kansas City and completed a residency in Managed Care with MODA. She will serve as a Pharmacy and Therapeutics Clinical Coordinator and work with other DURM pharmacists providing clinical and other professional service to the Oregon Medicaid Program.



Dr. Joseph Schnabel

Joe Schnabel ('84), PharmD, is a past president of OSHP and two-term member on the Oregon Board of Pharmacy, including three years as President. He has joined our faculty as a part-time instructor. Joe has assisted the College with teaching Pharmacy Law for many years and will be joining us in this official capacity. Joe will continue to hold his full time position as Pharmacy Director of Salem Hospital, but his appointment to our faculty will strengthen our teaching of Law and Ethics.



Lacey Smyth

The College of Pharmacy welcomes Lacey Smyth to our faculty. Lacey comes to us from Fresno State where she was Academic Advisor and learning specialist for Fresno State Athletics. Lacey received her Bachelors in Community Education from the University of Arizona in 2015, and earned her Masters in Sports and Fitness Administration Management from Fresno State in 2017. Lacey joins our faculty as an Academic Advisor on our Portland campus.



Dr. Lindsay Wise

Lindsay Wise ('08), PharmD, recently joined OSU Student Health Services Pharmacy as a staff pharmacist. Lindsay graduated from OSU College of Pharmacy in 2008, following her mother Linda Acidera, who graduated from the College in 1972. Lindsay lives in Corvallis with her husband, Josh, and her two children, Koa and Kale'a. Lindsay is excited to return to the OSU College of Pharmacy and looks forward to helping develop future pharmacists as well as furthering the practice of pharmacy.



Dr. Greg Zumach

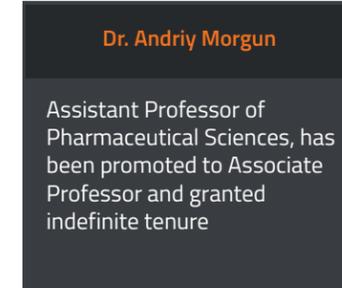
We are excited to welcome Greg Zumach, PharmD, Clinical Assistant Professor, to the OSU College of Pharmacy. Greg is a graduate of Drake University College of Pharmacy and completed a PGY1 residency at Ministry Saint Joseph's Hospital in Marshfield, WI. He most recently served as adjunct faculty at University of Missouri - Kansas City School of Pharmacy. As Clinical Assistant Professor, Greg has a practice site at Good Samaritan Regional Medical Center in Corvallis.

FACULTY PROMOTIONS & TENURE



Dr. Gitali Indra

Assistant Professor, Senior Research, has been promoted to Associate Professor, Senior Research



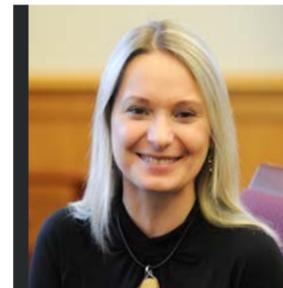
Dr. Andriy Morgun

Assistant Professor of Pharmaceutical Sciences, has been promoted to Associate Professor and granted indefinite tenure



Dr. Oleh Taratula

Assistant Professor of Pharmaceutical Sciences, has been promoted to Associate Professor and granted indefinite tenure



Dr. Aleksandra Sikora

Assistant Professor of Pharmaceutical Sciences, has been promoted to Associate Professor and granted indefinite tenure



Dr. Brie Noble

Faculty Research Associate, has been promoted to Senior Faculty Research Associate I.

FACULTY AWARDS

Dr. Lorinda Anderson, Pharmacy Practice Instructor, was awarded the 2016 OSPA Pharmacist of the Year award along with **Paige Clark ('85)**, Director of Alumni Relations and Professional Development, and **Fiona Karbowicz** of the OBOP for their work in advancing the pharmacy profession through the new birth control prescribing legislation.

In May 2017, Professor **Dr. Ali Olyaei** was honored with the John Barry Award of Excellence for NW Kidney Kids. This award highlights professionals for their outstanding service to children with kidney disease at NW Kidney Kids Annual Ball.

Dr. Juancho Ramirez, Assistant Dean of Experiential Education, received the 2016 OSPA Excellence in Innovation award for his recent involvement in emergency preparedness here in the State of Oregon. His work in helping to provide structure and simplify the collaboration between pharmacies and public health is rapidly gaining ground, and the results of these efforts will surely save lives when disaster strikes.

Dr. Oleh Taratula, Associate Professor, is the 2016 recipient of the Richard T. Jones New Investigator Award from OHSU's Medical Research Foundation. This award recognizes a new investigator who shows exceptional promise early in a career in biomedical research. Taratula was highlighted for his research in developing nanotechnology that allows him to exploit the molecular processes of cancer as they happen in real time. He is also the first OSU faculty member to receive this recognition.



ANNUAL RISING LECTURE SERIES & RESEARCH RETREAT

In late March 2017, OSU College of Pharmacy held its Annual Rising Retreat at Salishan Spa & Golf Resort in Gleneden Beach, OR. Attendees of the retreat included OSU College of Pharmacy PhD students, PharmD students involved in research, postdocs and their faculty mentors. Fourteen PhD students gave presentations on their research progress. Keynote speaker, Hendrik Luesch, PhD, a Professor in and Chair of the University of Florida Department of Medicinal Chemistry, spoke on "Marine Biodiversity as a Starting Point for Drug Discovery and Development". Students and postdocs also presented posters after dinner

on Friday. Attendees and judges got the chance to interact with the grad students as they browsed their research posters. Awards were given for both presentations and posters. Awards included the Ayers Award for Duc Nguyen ('14) from the Alani lab, the Sponenburg Award for Wisam Selman from the Filtz lab, and the College of Pharmacy Travel Award for Chih-Ning (Vera) Chang from the Kioussi lab and Xiumei Wan from the Ishmael lab. Poster award winners included Andrew Osborn from the Mahmud lab, Brianna Cote from the Alani lab, Dariia Vyshenka from the Morgun lab, and Anna Brown from the Sahay lab.

OSU PharmD and PhD students benefit from a significant and robust bench research component in our College. Our students interface with world class research labs and research faculty here at the college to augment their educational experience and can directly translate to the pharmaceutical industry.

The College's recently established IPHO (Industry Pharmacists Organization) student chapter, provides a nexus for student engagement, particularly for our PharmD/MBA students or PhD students who are interested in pursuing a career in the pharmaceutical industry. Research, business and finance skills, and management capabilities in a pharmacist or pharmacy researcher are in high demand in today's PhRMA industry. This student chapter offers our students another avenue to develop marketable skills and knowledge they take with them into the marketplace. Questions: paige.clark@oregonstate.edu

IPHO



Ph.D. Alumni RECEPTION



The 2017 American Society of Pharmacognosy (ASP) Annual Meeting brought OSU College of Pharmacy Ph.D. alums to Portland. For some, it was their first time being back in Oregon since graduating with their Ph.D. from the College of Pharmacy. On the fourth evening of the annual meeting, Dean Mark Zabriskie, Ph.D., hosted a roof top alumni cocktail reception at the Collaborative Life Sciences Building (CLSB) on the OHSU waterfront campus in Portland. Guests enjoyed networking with fellow alums, current Ph.D.

students, faculty, and friends over heavy hors d'oeuvres on the sun filled patio overlooking the Willamette River. Our Ph.D. alumni traverse the research and industrial landscape worldwide and we look forward to building a strong network of OSU College of Pharmacy Ph.D. alumni. In addition, if you are a Ph.D. graduate and you are interested in adding an MBA to your educational background, please contact Paige Clark, Director of Alumni Relations at OSU College of Pharmacy at paige.clark@oregonstate.edu.



**Join our LinkedIn Group:
OSU College of Pharmacy PhD/M Program Alumni**

Join our Ph.D. Alumni Circle of Influencers Group, an OSU College of Pharmacy initiative to seek guidance and partnership with our strong Ph.D. alumni base. For more information about this group, please contact Dr. Kerry McPhail Ph.D. kerry.mcphail@oregonstate.edu or Paige Clark at paige.clark@oregonstate.edu.

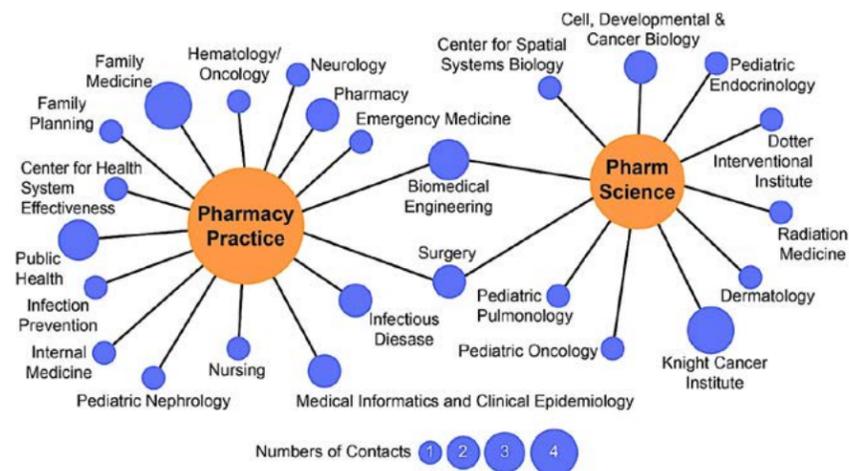
OSU/OHSU Collaborations: Exemplify World Class Research Partnerships

Oregon State University is the state's number one public research institution. Oregon Health & Science University is Oregon's own world-class academic medical center. Together OSU and OHSU are leading the way in health care research and education through a common core strategic vision: partnership. OSU and OHSU collaboratively seek partnerships that lead to health and science innovation, partnerships that improve the health and wellbeing of patients, and partnerships that enhance the educational experience for students.

The OSU/OHSU College of Pharmacy exemplifies how these partnerships are realized in pursuit of shared goals. This unique program combines OSU's rigorous scientific foundation with OHSU's broad-based clinical programs. The collaboration between these two institutions is an embodiment of innovative academic partnership and fosters an inter-professional and patient-focused approach to healthcare.

The College of Pharmacy faculty contributes to the education mission at OHSU through Inter-Professional Education (IPE), OHSU Global, and OHSU Rural campus. Further, the College is able to strengthen our students' learning experience by leveraging educational opportunities provided by the world-class researchers teaching at OHSU. The interdisciplinary Antibiotics and Public Health course co-taught by the College's Dr. Jessina McGregor, who is also an associate director of the Physician Assistant (PA) program at OHSU, is a key example of inter-institutional educational partnerships. Pharmacy students learn with and from PA students in this elective course, which partners with the state health department to do public outreach and develop

Research & Educational Collaboration between OSU and OHSU



tools and educational materials aimed at educating the healthcare provider community.

The College's close alliance with OHSU, Oregon's only academic health sciences center, is an important factor in faculty research success. Our faculty currently have 40 active research collaborations with 27 OHSU departments, schools, centers, and institutes. "The College's association with a top tier academic health sciences center provides a benefit for furthering research and education by opening up opportunities for both faculty and students," says Dr. Mark Leid, PhD, OSU College of Pharmacy Professor and Associate Dean of Research.

Faculty in the College's Department of Pharmaceutical Sciences collaborate most frequently with researchers in the OHSU Knight Cancer Institute and the Department of Cell, Developmental, and Cancer Biology. One such collaboration is seen in the lab of Dr. Oleh Taratula. Here, research aims to defeat cancer by developing multifunctional drug

delivery systems to improve the outcomes of nanoparticle usage. Currently, this nanotechnology is employed to treat cancer-related cachexia, a muscle wasting disease that affects approximately 50% of cancer patients with a staggering 30% mortality rate. This project is a collaborative effort between the Taratula lab and cachexia expert Dr. Daniel Marks, a Professor of Pediatrics in the OHSU School of Medicine, and is funded by the National Pancreas Foundation. "Our lab does fundamental biomedical research. We can make the products, but we need to work with clinicians to test them so we can further the development of the products," says Taratula describing the value of partnering with OHSU.

The development of image-guided surgery as a primary treatment for cancer is the focus of Dr. Olena Taratula. Nanoparticles injected before surgery specifically target the cancer cells and make them visible with fluorescence imaging and phototherapy. Further, "we have photo-acoustic imaging, a combination between a laser and ultrasound, in the CLSB,"



Dr. Taratula explains. "It allows us to produce an image deeper than fluorescence imaging." Dr. Khashayar Farsad, OHSU School of Medicine Associate Professor of Interventional Radiology, specializes in minimally invasive image-guided therapy, cancer diagnostic radiology, and abdominal imaging. He works with both Drs. Oleh and Olena Taratula in anatomy ultrasound, as well as in developing rat cancer models.

Dr. Arup Indra, part of the College's Gene Regulation and Disease research core, is investigating the mechanisms of skin development from stem cells. His lab, working closely with the OHSU Department of Dermatology, has developed pre-clinical models of human diseases exhibiting atopic dermatitis, eczema, and melanoma, among others. "Over the past 12 years, we have been deeply integrated in collaboration with faculty at OHSU and at the Knight Cancer Institute," says Dr. Indra. A member of the Knight Cancer Institute, Dr. Indra is also a co-director of the OHSU/OSU Cancer Prevention and Control Initiative that brings together nearly 90 faculty members to promote and foster collaborative cancer research. The initiative is co-funded by OSU and OHSU and has supported 22 inter-institutional grants totaling nearly \$700,000.

Dr. Jessina McGregor has spearheaded projects focused on antimicrobial stewardship in response to rising antibiotic resistance rates. Her primary research focus is an AHRQ funded project examining more prudent antibiotic use for treatment of uncomplicated UTI infections in primary care. She has started the prospective phase of this study and is partnering with OHSU clinics as well as OCHIN clinics. Dr. McGregor is also a program director for Greg Tallman, a Clinical Pharmacist Fellow entering his third year of training. Dr. McGregor says, "He has projects that are specifically focused on the OHSU patient population." In part of his research, he works with the OHSU outpatient antibiotic team to evaluate the impact of long-term outpatient antibiotic use on patient outcomes. "Everything we do is a collaborative venture; we need different perspectives to inform the research we are doing," Dr. McGregor emphasizes.

As the nationwide opioid crisis continues to make headlines, Dr. Daniel Hartung researches policies intended to reduce high-risk opioid addictions through a CDC funded project collecting data on quality improvement metrics related to high dosage opioid prescribing. Dr. Hartung endeavors "to understand what the best practices are in a quality improvement initiative." He collaborates with investigators, health economists, and database analysts

from the OHSU Centers for Health Systems Effectiveness, along with other clinical investigators from OHSU. Dr. Hartung is also working with experts from the OHSU Department of Family Medicine to develop an educational toolkit for pharmacists in the form of four online continuing education modules. This program is currently being pilot-tested in six Fred Meyer locations. Further, Dr. Hartung partners with the OHSU Chair of Neurology to research the economics of Multiple Sclerosis drugs. "All of my research projects typically involve at least one OHSU investigator or researcher," he says. "All science is a collaborative team effort."

In 2017 alone, joint OSU-OHSU research grants amounted to \$7.2M, representing an impressive 29% of the active external awards in the College of Pharmacy. More than a strategic vision, the research and education partnerships between OSU and OHSU are tangibly raising the standard of patient-focused care through improved healthcare outcomes, reduced errors, and enhanced patient experiences. In Dr. Leid's words, "This research between College of Pharmacy faculty and colleagues at OHSU enhances the breadth and depth of research in a manner that is highly and mutually beneficial to the participants, citizens of the state of Oregon, and patients worldwide."

STUDENT EVENTS

WHITE COAT CEREMONY

The Class of 2020 was welcomed into the College of Pharmacy at the White Coat Ceremony, held on September 27, 2016. The students were “coated” by faculty before taking the Pledge of Professionalism. Special guests at the ceremony included **Jill Yep ('89)**, Interim Division Director of Pharmacy for Albertsons-Safeway Pharmacy, and **Zach McCall ('06)**, recipient of the 2016 College of Pharmacy Outstanding Young Alumni Award. The 2017 White Coat Ceremony will be held on Tuesday, September 26th, at 5:00pm at the CH2M Hill Alumni Center on the Corvallis Campus.

SCHOLARSHIP BENEFACTORS RECEPTION

The 2016 Scholarship Benefactors Reception was held at Langdon Farms Golf Course on Tuesday, October 11th, 2016. Student scholarship recipients for the 2016–2017 academic year thanked the College’s supporters and their individual scholarship donors. For the sixth year in a row among colleges at OSU, the College of Pharmacy holds the distinction of having the highest percentage of its alumni—more than 34% —“paying it forward” by giving back to the school. This year 121 scholarships were awarded, ranging from \$500 to \$10,000, and totaling more than \$210,000 in scholarship support to pharmacy students.

CAREER DAYS

On January 18–19, 2017 the P1 and P2 classes filled the Memorial Union for the 2017 Career Days Informational Fair and Internship Interviews. During those two days, over 600 formal interviews were conducted, with some students interviewing with four or more companies, and many receiving job offers. Career Days follows P4 Interview Day, held in December, when companies interview P4 students for employment after graduation. The next P4 Interview Day will be held on **December 1, 2017**; Career Days will take place on **January 17–18, 2018**.

PharmD ENRICHMENT AND PROFESSIONALISM PROGRAM (PEPP)

Throughout the school year, the PharmD Enrichment and Professionalism Program (PEPP) brings in speakers from various settings to share with students the many opportunities available in pharmacy. This year PEPP coordinated eight events covering a variety of topics including: Drug Dependency, Pharmacy Forecast and Suicide Prevention. Speakers are already being scheduled for the 2017–2018 academic year. If you are interested in being a PEPP presenter, please contact Paige Clark at Paige.Clark@oregonstate.edu

APOTHECARY BALL

On Saturday, March 4, 2017, alumni and friends of the College joined us for a tropical night out at the student led 12th Annual OSU College of Pharmacy Apothecary Ball. Guests attended the pharmacy event of the season decked out in tropical wear and ready to help support student clinical outreaches and network with pharmacy professionals, company leaders, current students, faculty, and alumni. Thank you to attendees and sponsors who helped support the College and for making this event a success. Event proceeds benefit student outreaches and educational activities. We look forward to seeing you at the 13th annual Apothecary Ball on March 3rd, 2018 at the Collaborative Life Science Building on the Portland Campus.

STUDENT RECOGNITION BANQUET

On May 21st, 2017, students were acknowledged in front of peers and faculty for their hard work over the past year at the Student Recognition Banquet. Musical performances were provided from a student group, The Nightshades, as well as two solo performances from P1 students Victor Rojo and Jordan Feist. During the banquet each class presented videos and slideshows highlighting their 2016–2017 academic year. Individuals from each class also submitted videos for a Lip Sync Competition. Next year’s Student Recognition Banquet will be held on May 30th, 2018 at the CH2M Hill Alumni Center on the Corvallis Campus.



White Coat Ceremony
Photo Credit: Don Ho



Apothecary Ball
Photo Credit: Shelley Marie Photography



Student Recognition Banquet



Student Recognition Banquet



Apothecary Ball
Photo Credit: Shelley Marie Photography



Career Days



Benefactors Reception
Photo Credit: Chris Ho



White Coat Ceremony
Photo Credit: Don Ho



Apothecary Ball
Photo Credit: Shelley Marie Photography



Student Recognition Banquet

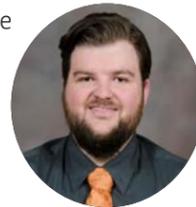
EXCITING PATHS FOR PHARMD STUDENTS BEYOND OSU/OHSU

VICTORIA LI ('17)



"The PGY1 Pharmacy Program at Ann & Robert H. Lurie Children's Hospital of Chicago is one of the newer additions to its tradition of teaching. Formerly known as Children's Memorial Hospital, they take pride in their dedication to provide high quality family-centered care as one of the nation's top pediatric hospitals. As the third resident to go through this program, I am excited to grow my independent thinking and practice philosophy under the mentorship of Lurie Children's pharmacists in hopes of one-day training future pharmacists myself."

MATT THOMAS ('17)



"As part of the PGY1 Pharmacy Practice Residency-Primary Care track at the Portland VA, I have the privilege to work with and learn from local pharmacy professionals. The VA residency program offers the well-rounded experience I was looking for with a great variety of rotational experiences, while working with a great patient base. I am excited to take every opportunity to learn more about different arenas of pharmacy and am particularly interested in oncology, infectious disease, teaching, and administration, as well as primary care at VA outpatient clinics."

SHIELA MCCOLLAM ('17)



"The Oregon Health & Science University PGY1 Pharmacy Practice Residency is a thoughtfully developed program at Oregon's only academic teaching hospital. My co-residents and I have the opportunity to learn and work alongside a passionate pharmacy team to provide care to patients from all corners of Oregon and beyond. The program offers a wide range of experiences in both acute and ambulatory care. I am fortunate to be amongst people who support me, challenge me, and inspire me. This experience will be invaluable as I work toward my ultimate goals of contributing to the profession of pharmacy and positively impacting the health of my patients."

2017 GRADUATE PGY1 RESIDENTS

Bryan Armstrong, Alexander Boyd, Kohl Dorrington-Thacker, Colin Fahey, Susan Fedler, Amanda Jones, Kirsten Kadoyama, YoungTae Kim, Jennifer Lee, Victoria Li, Christopher Lloyd, Andrew Ma, Shiela McCollam, Jason Morris, Michael Naleway, Thi Nguyen, Le Diem Pham, Austin Pliska, Manuela Pop, Jennifer Rubinstein, Matthew Thomas, Victor Tran, Jesse Trovillion

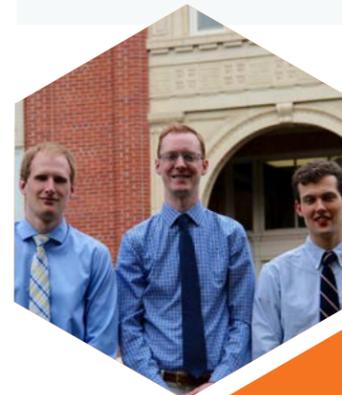
CURRENT P4 ROTATION STUDENT SNAPSHOT

"In a specialized setting like the neuroscience ICU, there is a lot to learn initially and it can be a steep learning curve dealing with disease states such as subarachnoid hemorrhages, rare types of meningitis, and Bechet's disease, just to name a few," said Mireille Rygnestad ('18), an OSU College of Pharmacy fourth year student on rotation in the OHSU Neuroscience ICU. This is a complex rotation that not many pharmacy students have experienced, "Neurological conditions are complex and require a great deal of management both clinically and pharmacologically," Mireille explained. To be successful in such a fast paced rotation, "you have to be comfortable making connections early with nurses, other professional students, and the doctors on your team to learn the rounding style and where pharmacy can make interventions."



MEDICAL MISSION TRIP TO NIGERIA

Team Africa Mission International is an integrated conglomerate of healthcare professionals that take annual mission trips to West African countries to provide free primary care services to impoverished populations. This past May, a team of 30 healthcare professionals traveled to Nigeria marking the organization's fifth medical mission trip to Africa. The medical team consisted of doctors, nurses, pharmacists and six of our P4 students, now recent graduates, from the Class of 2017: **Ogechukwu Erinne, Victoria Li, Hong Nguyen, Nnamdi Okeke, Ali Pham, and Blane Yimesgen**. The team provided medical services to the indigenes of Ichi in the Anambra state of Nigeria, including nursing triage, doctor visits, optometry, pharmacy dispensary, urgent surgeries, and more. They also provided patients with 30-90 days of medication supplies, eye exams, chronic disease education, malaria prophylaxis, and vitamins.



ACCP CLINICAL RESEARCH CHALLENGE OSU/OHSU TAKE 3RD IN NATIONAL COMPETITION

Students **Ian Jungers ('9)**, **Evan Hoffart ('20)** and **Michael Liebman ('19)** represented OSU/OHSU College of Pharmacy in the American College of Clinical Pharmacy's (ACCP) second annual ACCP Clinical Research Challenge, led by faculty member, **Dr. Adriane Irwin**. Now in its second year, the ACCP Clinical Research Challenge attracted 82 teams from across the nation, to compete in a 3-round clinical research competition that culminated in a full 12-page research proposal outlining the specifics of the team's study: "Improving Transitions-of-Care Outcomes for Elderly Patients through a Pharmacy-Student Directed Intervention." The team received third place in the national competition and has been invited to present their submitted proposal at the annual ACCP meeting in Phoenix, Arizona in October. According to team member Ian Jungers, "This was a great experience, and we learned so much in terms of the logistics and various components involved with research design. Most importantly, we learned how pharmacists (and pharmacy students) can play a pivotal role in improving patient lives through clinical research." Make sure to follow this story as we follow Ian, Evan, and Michael to Arizona in October!

OSU/OHSU PHARMACY STUDENTS TAKE SECOND IN NATIONAL ACCP CLINICAL PHARMACY COMPETITION

OSU/OHSU College of Pharmacy students **Alex Boyd ('17)**, **Manuela Pop ('17)**, and **Jennifer Lee ('17)**, led by faculty member Dr. Harleen Singh, took second place in the 7th annual American College of Clinical Pharmacy (ACCP) Clinical Pharmacy Challenge in Hollywood, Florida in October 2016. The OSU/OHSU College of Pharmacy students competed against 112 teams representing pharmacy schools from across the nation. After advancing to the final round, they faced East Tennessee State University and competed in a "quiz-bowl" style competition comprised of trivia-lightning, clinical case, and jeopardy-style events.



CLASS OF 2017



Graduation

On Friday, June 16, 2017, the Class of 2017 closed a chapter begun four short years ago when they were inducted into the profession and welcomed into the College of Pharmacy at their White Coat Ceremony. This momentous day, their graduation from OSU/OHSU College of Pharmacy, also marked the beginning of a new chapter as pharmacy professionals and colleagues. At this year's ceremony, the College conferred 73 Doctor of Pharmacy (PharmD) degrees, three Doctors of Philosophy, and one Masters of Science. One of the 73 PharmD graduates also received a Master of Business Administration degree from the OSU College of Business. Notably, 77% of the 2017 graduates are resident Oregonians and 23 graduates will further their professional development by pursuing postgraduate training in the form of a pharmacy residency. Additionally, three students will continue working toward earning their Masters of Business Administration or other Master's Degree. During the ceremony, Class President, **Matthew Thomas ('17)** shared a story about perseverance with the graduates and audience. His address reminded the class of the importance of supporting one another and finished by challenging the class to "make a difference" throughout their careers as pharmacists. OSU Provost, **Dr. Edward Feser**, and OHSU Provost, **Dr. Elena Andresen**, also honored graduates with inspiring speeches. Provost Feser spoke about the graduates entering the pharmacy profession as leaders and partners of a diverse healthcare team. Provost Andresen spoke about the partnership between OSU and OHSU that prepares pharmacy graduates to move into their careers as drug experts and clinicians. All graduates were celebrated during the graduation ceremony, and a few exceptional students were recognized for their outstanding work over the last four years. **Drs. Mark Leid ('90) and Theresa Filtz** presented eleven graduates with seven awards for the work they have accomplished in the



classroom, clinics, and community. These awardees are: **Alexander Boyd, Susan Fedler, Amanda Jones, Jennifer Lee, Victoria Li, Taylor Martin, Shiela McCollam, Thi Nguyen, Manuela Pop, Jennifer Rubinstein, and Victor Tran.** Following the ceremony, graduates reunited with their friends and families outside LaSells Stewart Center for a dessert reception in celebration of their tremendous accomplishments.

Convocation

On Sunday, June 4, 2017, in addition to attending the OSU/OHSU College of Pharmacy graduation ceremony, PharmD graduating students had the opportunity to participate in Oregon Health & Science University's inter-professional Convocation Ceremony. This event is for all of OHSU healthcare students, faculty and administrators from Schools of Dentistry, Medicine, Nursing, Public Health, and Pharmacy. After the ceremony, PharmD graduates attended an OSU/OHSU College of Pharmacy reception while other programs conducted individual hooding ceremonies. Following tradition, OSU/OHSU College of Pharmacy graduates received diplomas and were hooded at the graduation ceremony in Corvallis on Friday, June 16th. This event brings together healthcare professionals and recognizes all of their outstanding accomplishments.



Convocation

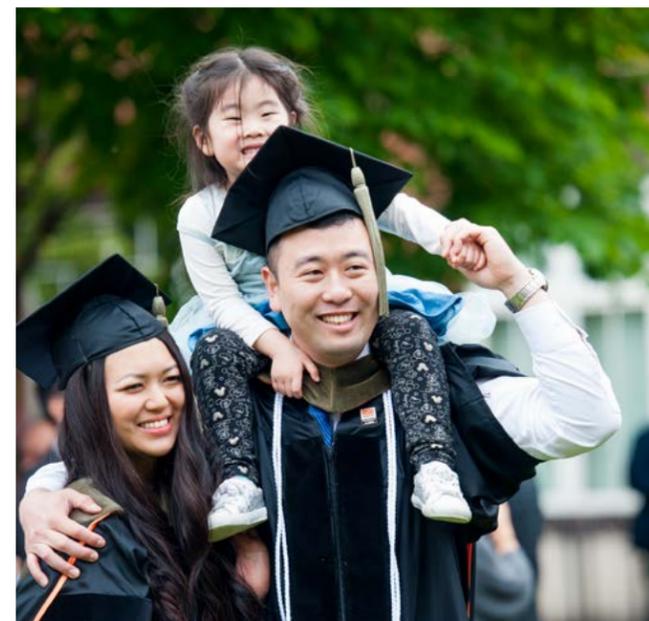


Photo Credit: Jim Carroll

PROFESSIONAL DAY

The annual College of Pharmacy Professional Day on June 3, 2017 brought students and alumni together to network and participate in an array of professional development activities. This event is a unique opportunity for students to connect with pharmacists from various practice settings, and discuss the many opportunities available in the pharmacy profession.

Professional Day kicked off with the Entrepreneurial Academy's presentation for the Business Case Competition, which challenges students to present in a mock business setting. Two teams presented their pharmacy related business plans to a panel of judges made up of distinguished alumni and faculty, including Penny Reher ('82), Kevin Russell ('93), Kate James ('01), Michele Belcher ('86), and OSU College of Pharmacy Assistant Clinical Professor Adriane Irwin. Upon completion of the presentation, the judges gave helpful suggestions on how to improve the business plan. See page 18 for the full EA story.

Following the Business Case Competition, students were given the opportunity to ask questions during an interactive Discussion Panel, facilitated by OSU Chapter of Academy of Managed Care Pharmacy (AMCP) Student Chapter President Olivia Stewart ('19) and President Elect Karina Destine ('20). The panel members represented several different pharmacy practice settings and included Lincoln Alexander ('15), Doug Butler ('88), Joseph Ennesser, Josh Free, Chris Mellon, and Sital Patel. The final event of the day, Quick Conversations, facilitated by the OSU chapter of American College of Clinical Pharmacy (ACCP) Chapter President

Devon Heisler ('20), consisted of a series of 7 minute small group discussion segments designed to provide students and alumni an opportunity to converse about the profession and the diverse opportunities available to pharmacists. The Business Case Competition judges and the pharmacists who took part

in the Discussion Panel participated in Quick Conversations as pharmacist presenters and spoke with rotating groups of students about their varied practice settings and professional backgrounds. The fourth annual Professional Day was highly successful for all involved, and we invite you to join us for the fifth annual Professional Day on Saturday, April 14th, 2018.



OSU/OHSU COLLEGE OF PHARMACY IMPACTING Oregon

MENINGOCOCCAL B VACCINATION CLINIC AT OSU



Last fall, the OSU community faced a rapid outbreak of Meningococcal B over a four-month span. Following three confirmed cases of Meningitis contracted by OSU students on the Corvallis campus, Director of Pharmacy at OSU Student Health Services, Dr. Jennifer Davis, helped to coordinate a campus wide mass vaccination clinic to prevent more cases from developing. University officials encouraged all students, age 25 and under, to get vaccinated, with special emphasis on those who live in on-campus housing, greek housing, or in private co-ops. More than 1,800 people were vaccinated by students and volunteers from the community. Volunteers included 33 Pharmacists and 11 Pharmacy Technicians from Good Samaritan, Albertsons-Safeway and Student Health Services, as well as many of our generous alumni. Among these outstanding volunteers, 68 were current OSU College of Pharmacy students who graciously donated their time to assist at the clinic. These students were integral in helping to prevent further outbreak at OSU to the great benefit of the health of OSU and the Corvallis community.

OSU LEGISLATIVE DAY 2017



The biannual OSU Day at the Capitol event to promote higher education in Oregon brought many well-informed OSU students to Salem during the 79th Oregon State Legislative session. OSU College of Pharmacy was well represented by more than 85 PharmD students in their white coats, recruited and organized by Legislative Day student coordinators Josh Mellander ('19) and Anna Bienvenida ('18). Operation Diabetes and Operation Heart provided blood glucose and blood pressure screenings to legislators, capitol visitors, and volunteers. Students from multiple colleges met in groups with legislators from their home districts to advocate for additional legislative support for higher education in Oregon. Additionally, pharmacy students were also educated about current legislative proposals by pharmacy lobbyists Bill Cross and Niki Terzieff. They spoke with students about proposals on the floor of the House and Senate concerning the pharmacy profession, including the recently passed pharmacy formulary bill.

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- ✦ **CONVENIENT:** Hybrid classes blend online and face-to-face meetings to maximize learning and schedule flexibility. Most hybrid classes meet in person less than three times per quarter at the Collaborative Life Sciences Building in Portland.
- ✦ **AFFORDABLE:** The MBA degree program qualifies for federal financial aid. Contact the Financial Aid Office for information.

ENTREPRENEURIAL ACADEMY

The 2016-2017 academic year kicked off with a group of remarkable alums and friends of OSU College of Pharmacy joining in support of the College's Entrepreneurial Academy at the annual Fan Cave event. The event opened with a presentation of the business plan that **Kelly Kovl ('18)**, **Mireille Rygnestad ('18)**, **Kayla Burnett ('18)**, **Cristina Heim ('18)**, and **Evan Lange ('19)** shared at Professional Day 2016. Afterwards, guests enjoyed dinner while watching the OSU Beavers take on Idaho State from the private End Zone Suite in Reser Stadium. Reserve your tickets for the 2017 Fan Cave event on Saturday October 14, when the Beavers take on University of Colorado (See the ad on page 19 for information about reserving tickets).

Under the leadership of 2016-2017 EA President **Natasha Malik ('19)**, Vice President **Joshua Miller ('19)** and committee members **Chau Vo ('20)**, **Amjad Abdelrasul ('20)**, **Brian Destine ('20)**, **Stephanie Jirikovic ('19)**, **Karina Destine ('20)**, **Anthony Mattioda ('19)** and **Christina Heim ('19)**, the College of Pharmacy Entrepreneurial Academy (EA) hosted the "Dam Dance: Step up for Health" event (formerly Breakin' Down the MU) in January. The event included a health fair and games providing health-related educational materials. This year's event also featured an exciting dance competition including five campus groups who competed for a cash prize. The Dam Dance event proceeds benefit the EA in support of student activities and projects.

Closing out the year, on Professional Day 2017, two teams of EA students presented a business case proposals: Project Self-care, with team members **Zach Aalberg ('20)**, **Amjad Abdelrasul ('20)**, **Nick Nguyen ('20)**, and **Phillip Nguyen ('20)**, and In Vitro Fertilization Services with team members **Anya Krykun ('19)**, **Evan Lange ('19)**, **Josh Miller ('19)**, and **Natasha Malik ('19)**. Both teams presented their business cases to a panel of alums and judges who asked follow up questions and scored each team's proposal. They also offered suggestions on how to improve each business plan and awarded Project Self-care first place.



OSU COLLEGE OF PHARMACY

FAN CAVE

★ PRIVATE OSU END ZONE SUITE ★

OSU VS. COLORADO
SATURDAY, OCTOBER 14TH, 2017
PROGRAM & GAME TIME TBA

Presentation by Entrepreneurial Academy, Lunch
 and game hosted in Reser Stadium Fan Cave!

For reservations: paige.clark@oregonstate.edu
 If you only come to ONE football game this season, come to this one!

GENEROUSLY SPONSORED BY **GSL SOLUTIONS & CONSONUS**



RECENT GRAD APPLIES HER OSU MBA TO ACCELERATE HER MANAGEMENT CAREER

Amy Tice ('12) initially discovered her passion for business management while working in an independent pharmacy in Bend, Oregon. Working to master business concepts and hone her leadership capabilities and financial management skills, Amy completed her MBA several years after graduating with her PharmD from OSU. She now applies her business acumen to her current position as a district manager for Rite Aid, where she oversees 27 stores in 3 states. "The MBA provides me the foundation to manage pharmacists and find creative ways to help my pharmacies meet goals," says Tice. OSU's MBA program offers our pharmacy graduates the opportunity to accelerate their careers and to reach management levels quickly, competently and confidently.

Have you thought
 about getting your

MBA?

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RECENT GRAD SPOTLIGHTS

TIFFANIE PYE | CLASS OF 2011



Tiffanie Pye ('11), PIC at Stayton Pharmacy and Consultant Pharmacist at Sublimity Pharmacy Services, knows the value of professional networking. "I am always looking for new and interesting opportunities. A strong professional network helps me discover those opportunities," she says. Working for OSU Pharmacy alums, **James and Melissa Netland ('86)**, Tiffanie works on the leading edge of the profession. She provides oversight on all pharmacy operations at Stayton Pharmacy in addition to offering pharmacy consultant services to residents in long term care facilities and hospice patients with Sublimity Pharmacy Services. Tiffanie is also a clinical pharmacist at Santiam Memorial Hospital outpatient clinics and is co-recipient of a transitional grant for Willamette Valley Community Health to study the effectiveness of placing pharmacists in the clinic to de-prescribe pharmaceuticals that may be causing patients harm.

LONG TRINH | CLASS OF 2014



Long Trinh ('14), Inpatient Pharmacy Operations Manager at OHSU, was spurred to a career in pharmacy through his interest in science and medicine coupled with his entrepreneurial spirit. During pharmacy school Long was encouraged to consider a path in health-system administration by his mentor and preceptor **Majid Tanas**, PharmD, Chief of Pharmacy at NIH, and **Lam Nguyen**, PharmD, MBA, Assistant Director of Pharmacy at OHSU. Following graduation Long completed a PGY1/PGY2 residency program at the Cleveland Clinic and a Master of Science in Pharmacy Practice and Health-System Pharmacy Administration from Northeast Ohio Medical University. Long returned to OHSU after residency where he now manages inpatient pharmacy operations and is working toward his MBA through OSU. "There are so many ways that we, as pharmacists, can practice. In this role I have the opportunity to work with people, be creative, and I am challenged every single day. I love it!" says Long.

KEVIN SMITH | CLASS OF 2016



A long term care pharmacist at Consonus, **Kevin Smith ('16)** has the opportunity to experience many arenas of pharmacy. He combines his clinical pharmacy knowledge and leadership skills to make smart and safe clinical judgments in a fast-paced and adaptive pharmacy environment. "I have developed multi-functional pharmacy skills to perform throughout the entire product line, from running the IV department to providing medication therapy management for newly admitted post-acute patients," says Kevin. During pharmacy school, Kevin was active in professional pharmacy organizations such as OSPA and APhA, and attended multiple professional meetings, which provided students with valuable career insight. "I feel I have been well prepared to succeed in this profession no matter where I go," he says. Kevin also plans to pursue an MBA from OSU to hone additional business and leadership skills.

AMY TZOU | CLASS OF 2016



As the newest Surgery Clinical Pharmacist at OHSU, **Amy Tzou ('16)** has responsibilities spanning transitions of care, order verification, rounding and direct patient care. Prior to joining OHSU, Amy did her PGY1 residency at Providence Newberg Medical Center and Providence Milwaukie hospital. "The most important thing I learned during my residency was to trust myself as a clinician," she says. Residency at Providence equipped Amy with a diverse hospital background, key preparation for OHSU. Now as a Surgery Clinical Pharmacist, Amy cross-trains in emergency general surgery, trauma, neuro-surgery, with a focus on orthopedics. "I'm excited to be with OHSU," says Amy. "There is a constant push to better the lives of patients through research and patient care."

RECENT GRADUATE LEADERS



The Recent Graduate Leaders mentorship program invites recent OSU College of Pharmacy grads (within ten years of graduating) to serve as a mentor to one or more first year OSU pharmacy students. This year, members of this program were invited to attend an exclusive reception at the Apothecary Ball where they met face to face with their P1 student mentees and networked with other Recent Grad Leaders and students. If you are interested in learning more about becoming a Recent Grad Leader contact Paige Clark, Director of Alumni Relations and Professional Development, at paige.clark@oregonstate.edu.

HOMECOMING

The weekend of October 28-29 marked Homecoming 2016 at OSU. Graduates from the classes of 1966, '76, '86, '96, and '06 gathered to catch up, some reconnecting with old friends after 50 years.

On Saturday, October 29th, 2016, the pharmacy reunion classes shared lunch in the Horizon Room of the Memorial Union. These alumni mingled with faculty and administration, comparing class pictures and reminiscing amongst classmates. Current pharmacy students **Anna Krykun ('19)**, **Kate Rowland ('19)**, and **Nhien Nguyen ('19)** also attended the lunch and compared stories of past and present pharmacy school experiences with alumni.

Following the social, reunion attendees were joined by other alumni, students, and faculty at the Pharmacy Building for the annual Dean's Coffee. Alumni were welcomed back to the College where they had spent so much of their time during pharmacy school. Many alumni took the opportunity to have pictures taken while sitting in the same seat that they once used in Room 305.

Before the game, some of our recent graduates from the Classes of 2011-2016, attended the College of Pharmacy Young Alumni Tailgater where they caught up with friends over game day food.

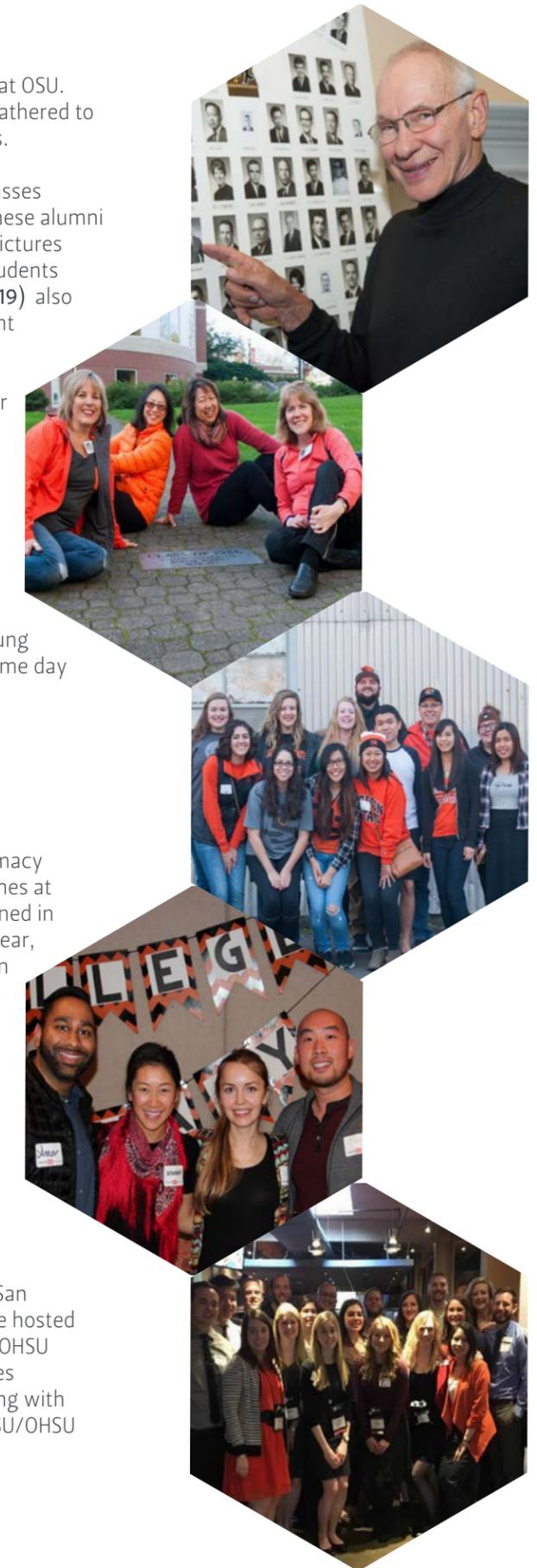
OSPA RECEPTION

Alumni, students, and friends of OSU/OHSU College of Pharmacy enjoyed an evening of hors d'oeuvres, wine and garden games at the annual Alumni and Friends Reception. This event is planned in conjunction with the OSPA Annual Convention which, this year, was held on Friday, October 21, 2016 at the Monarch Hotel in Clackamas, OR.

Guests enjoyed sipping on assorted wine from their complementary OSU College of Pharmacy wine glasses while mingling and networking. Several guests were the lucky winners of OSU and College of Pharmacy prizes and apparel during the raffle.

APhA RECEPTION

In March, pharmacists from across the country traveled to San Francisco, CA for the 2017 APhA Annual Meeting. The College hosted a reception at Thirsty Bear Brewing, bringing together OSU/OHSU College of Pharmacy alumni, students and faculty. Attendees enjoyed appetizers and drinks while mingling and networking with fellow Beavers. Join us at the 2018 APhA Annual Meeting OSU/OHSU Reception in Nashville!



ALUMNI EVENTS

ALUMNI

2017 ICONS OF PHARMACY



NANCY LOUIE LEE ('79)

A champion for high quality affordable healthcare, Nancy Louie Lee is the daughter of Chinese immigrants and shares a family legacy in pharmacy with her brother, **Shelton Louie ('78)** and sister, **Jeannie Louie ('86)**.

Nancy developed and taught a PharmD course as an Assistant Professor of Pharmacy Practice at

University of Arizona. She was among the first to implement programs to define the value of clinical pharmacy services at Providence Medical Center and Kaiser Permanente (KP). As Director of Clinical Pharmacy Services, she was instrumental in expanding the scope of clinical pharmacy services into a department of more than 140 employees across 20 locations, improving community health through award-winning Medication Management Services and Transition Care Services, Drug Use Management and student training to deliver high value clinical pharmacy services.

Nancy developed and coordinated a pharmacy elective on therapeutic decision-making, teaching it along with other volunteer pharmacists in community and hospital pharmacy practice. Nancy also led Clinical Quality and Population Health at KP Northwest for the last 11 years. She was recently promoted to Vice President of Quality, Patient Safety and Care Experience for the Northwest Region of KP.



GARY MINER ('73)

Gary Miner stepped up to lead at each stage of his distinguished career, transforming the Oregon Board of Pharmacy (OBOP) and the pharmacy profession. Upon graduation from OSU College of Pharmacy, Gary joined Tuality Hospital as a staff pharmacist and established a standard of going above and beyond by developing the IV admixture program.

As OBOP Compliance Director, Gary was inspired to ensure compliance through education over confrontation. He set value in engaging licensees in the process to improve access to and understanding of the rules governing pharmacy practice. There by Gary was integral to transforming the OBOP from a primarily disciplinary body into a resource for the profession. After 12 years as Compliance Director, Gary recently retired from his position and received the OSPAs Special Services Award for his dedication to the profession.

Gary was also intimately involved in rewriting the Hospital Section Rules and innovated the process by engaging practitioners to provide meaningful input and create a direct connection between the practitioners and the Board. Further, Gary was key to engaging the Board with students to ensure smooth transition to professional practice through establishing the Board as a rotational site and developing a PIC course taught by Board staff – now an integral piece of the College's curriculum.



ROBIN RICHARDSON ('84)

Robin Richardson is a true innovator whose broad range of inventive business initiatives have transformed the way pharmaceutical services are provided and paid for throughout the Pacific Northwest and Alaska.

Inspired by pharmacist, Dennie Latimer, and encouraged by friend, **Steve Dooher ('82)**, Robin pursued pharmacy at OSU.

After graduation, Robin worked for the Oregon State Pharmacy Association and launched one of the very first PBMs in the country. He was then recruited to start National Home Infusion Association, representing home IV services. In 1998, Robin joined Moda, Inc. where he is now Senior Vice President over seeing the Pharmacy, Medicaid, Government Program and Human Resources departments. He chairs the board of the Eastern Oregon CCO and is a director of the Oregon Business Association. A career trail blazer, Robin established the NW Prescription Drug Consortium, which pooled prescription drug purchasing and lowered costs to benefit the million plus members. He also broadened the scope of pharmacy education by creating a rotation with OSU CoP to engage students in managed care, which further led to a residency program. Moreover, Robin worked with Wayne Kradjan, former CoP dean, to create the Icons of Pharmacy and recognize major contributors to the pharmacy profession.

2017 Outstanding Young Alumni Awardee



AMY BURNS ('11)

Amy Burns was the first pharmacist for AllCare Health and was embraced as a trailblazer who defined the role of pharmacists in Managed Care. Amy was inspired to pursue pharmacy by her Aunt Pat, a pharmacist in Yakima, WA. A rotation with PacificSource and fellow Outstanding Young Alum, **Josh Bishop ('06)**, sparked her interest in Managed Care. She then pursued a residency with the Drug Use Research Management Program (DURM) at OSU under **Dean Haxby ('80)**.

Amy has since become one of the first Managed Care Directors at AllCare and significantly evolved the program. Amy's background in Managed Care, strong foundation of knowledge and skilled application made her an invaluable resource. She was rapidly promoted to her current position, Director of Population Health, where she oversees an interdisciplinary group of 55 individuals and is key to expanding the role of pharmacists. In addition to her professional accomplishments, Amy stands out for the priority she places on giving back, highlighted in her efforts to create an internship at AllCare, providing students with hands-on experience in Managed Care. Amy lives in Grants Pass, OR with her two children and her husband, a stalwart supporter, Wayne. In her words, "my success is our success," a message that resonates not only for her family, but also with her commitment to paying it forward.

YOUNG ALUMNI AWARDEES

2013
Kristina Butler ('96)

2014
Josh Bishop ('06)

2015
Amy Valdez ('99)

2016
Zach McCall ('06)

2017
Amy Burns ('11)

ICONS HALL OF FAME

2006
William "Bill" Campbell ('65)
Noel Flynn ('43)
Charles "Chuck" Maples ('63)

2007
William "Frosty" Comer ('68)
Darrel Purkerson ('63)
Stephen Roath ('64)

2008
Milo Haas ('83)
John Kaegi ('57)
Richard Kaegi ('52)
Sara J. White ('68)

2009
George Gerding
Helen Noonan-Harnsberger
Richard Sahli ('71)

2010
Albert Carver ('70)
Douglass Stennett
Dave Widen

2011
Bob Adams ('58)
Freya Hermann ('59)
Marvin Prince
Vince Whiting

2012
Larry Cartier ('74)
Bob Coulter ('73)
Carl Heisel ('75)

2013
Sandra Anderson ('73)
Michael Douglas ('65)
Edwin Schneider

2014
Robert Beardsley ('72)
Gary Schnabel ('85)
Jim Thompson

2015
Shelton Louie ('78)
Kathy Hahn (Hon. '12)

2016
Kim Brouwer ('78)
Cathy Lew ('83)
Steve Logan ('80)

2017
Nancy Louie Lee ('79)
Gary Miner ('73)
Robin Richardson ('84)

Icon Nominations: Paige Clark
Paige.Clark@oregonstate.edu



Safeway Pharmacist and OSU Alum; First in the State to Prescribe Hormonal Contraceptives

Lincoln Alexander, PharmD('15), staff pharmacist at Albertsons-Safeway Pharmacy in Portland, is the first pharmacist to prescribe hormonal contraceptives in Oregon under a new statute, passed in July 2015. This initiative mandated the development of standard procedures in which pharmacists are able to prescribe hormonal contraceptives. The bill, which took effect in January 2016, aims to reduce Oregon's high unintended pregnancy rate, by providing timely access to care across the state.

Alexander was recently featured in a Pharmacy Today article, a publication of the American Pharmacists Association (APhA), to highlight him and the initial success of the initiative as variants of the statute are being adopted by multiple states. According to a 2011 study of unintended pregnancy statistics from the New England Journal of Medicine, nearly half (45%) of all pregnancies in the United States were unintended. (Source: <https://www.guttmacher.org/fact-sheet/unintended-pregnancy-united-states>) As unintended pregnancy is a major public health issue, some states have chosen to adopt Oregon's language verbatim as well as our model for certification and payment.

"In many areas people don't have access to the care they need, even here in Portland I hear from patients who say 'I couldn't get in to see my doctor'" said Alexander." My patients appreciate the convenience, and we are providing a great service to the community".

To read the article from APhA highlighting Lincoln and pharmacists prescribing hormonal contraceptives, visit their website at www.pharmacytoday.org.

ALUMNI UPDATES



Women In Pharmacy

The annual OSU Women in Pharmacy Luncheon on Friday, June 2nd, 2017 gathered valued alumni and friends of the College for a tour Collaborative Life Science Building (CLSB) on the OHSU campus in Portland.

Topics of discussion included progress of past initiatives and a planned online survey to consider future initiatives for the group. As this was the first time the event was held on the Portland campus, the group also toured our Patient Simulation Lab in the CLSB.

Student volunteers, **Victoria Li ('17)**, **Ogechukwu Erinne ('17)**, **Jennifer Rubinstein ('17)**, **Julia Zhukov ('18)**, **Katie LaRue ('18)**, and **Rachel Proteau ('20)**, joined us this year to add their personal perspective on the pharmacy program and their experience studying in the CLSB.



Paige Clark ('85) Awarded OSPA Pharmacist of the Year

Paige Clark ('85) was awarded the 2017 Melendy Lecturer Award from University of Minnesota College of Pharmacy. Additionally Paige was awarded 2016 OSPA Pharmacist of the Year award along with **Fiona Karbowicz** of the OBOP, and **Lorinda Anderson**, faculty member at OSU College of Pharmacy. Paige was also recognized with the

PACE Partnership for her outstanding contributions to online continuing education and partnership with OSU's Professional and Continuing Education(PACE) department.



Penny Reher ('82) President of OBOP

Penny Reher('82) was appointed Oregon Board of Pharmacy (OBOP) President 2017-2018. This will be her second term as President; her first was in 2013-2014. She follows immediate past president, and fellow Alumna **Kate James ('99)**.



Amy Valdez ('99) OSPA President-Elect

Amy Valdez ('99), was elected President-Elect of Oregon State Pharmacy Association (OSPA). She follows immediate past president, Josh Free.



Dan Rackham ('08) President of OSHP

Dan Rackham ('08), was elected President of Oregon Society of Health-System Pharmacists (OSHP). He follows immediate past president **Zach McCall ('06)**.



Shannon Larson ('08), Newest Board Member

Shannon Larson ('08) is excited to serve the State of Oregon as the newest member to the Oregon Board of Pharmacy. Her professional background is in compounding and community practice.



Jennifer Engen ('13) SCCM Oregon Chapter President

Jennifer Engen ('13) was recently named President of the Oregon Chapter of the Society of Critical Care Medicine (SCCM). Jennifer is the first pharmacist to hold this office since this multidisciplinary group was started in 2003.



Ann Murray ('87) OSPA Bowl of Hygeia

Ann Murray ('87) was recently awarded the 2017 OSPA Bowl of Hygeia. She is well known as a pillar of the healthcare community, a trusted advisor, and a statewide advocate for a variety of pharmacy issues.

Bob Hagen ('72) was named the Cardinal Health Generation Rx Champion. He worked as a staff pharmacist for 40 years at Fred Meyer before retiring in 2013.



Alumna Recognized as ISHP Pharmacist of the Year!

Idaho Society of Health-System Pharmacists recognized **Katie Erickson ('12)** as the 2016 ISHP Pharmacist of the Year. Katie was highlighted for her work with implementing the Tele-Health Hub and promoting pharmacists as active team members in clinics throughout the region.



Ken Wells ('72) Leaves OBOP

After eight years, **Kenneth Wells ('72)** will be ending his term with the Oregon Board of Pharmacy. He was first appointed in 2009 and reappointed for his second term in 2013. He then served for two years as board president, from 2012-2013 and again from 2014-2015. He says, "It has been an honor and privilege for me to have had the opportunity to serve the citizens of the state of Oregon."

THRIVING IN AN EVOLVING PROFESSION

By Dr. Gary DeLander, Executive Associate Dean



There is a transformation underway. Acuity of inpatients has never been greater; complexity of patients seen by ambulatory and consultant pharmacists is 'off the chart'; and expectations for community pharmacists to concurrently provide patient care, manage wellness, and assure access challenge the most accomplished multitasker. Pharmacists are prescribing: first hormonal birth control, then naloxone, and soon from a Board of Pharmacy managed formulary.

Expanded team-based care has placed pharmacists at the table and highlighted that, while our expertise is medications, contributing to a team requires a more global understanding of our patients and our colleague's expertise.

We have noted before the professional curriculum is written in pencil. Adapting to provide an educational foundation that serves pharmacists over a 20-30 year career is an ongoing and exciting challenge. Our focus is to increase graduates' skills in the management of complex patients, and assure competitiveness of graduates by increasing opportunities to mature clinical skills and explore focused areas of interest. Additional emphasis in

specific areas assures that pharmaceutical and clinical sciences continue to be a foundational strength. A redesigned Integrated Drug Therapy sequence prepares P2 and P3 students for earlier and more comprehensive discussions of complex patients. Also, enhanced early experiential and interprofessional education more closely parallels learning in Pharmacy Practice and Integrated Drug Therapy sequences.

Finally, students have greater opportunity to fully develop and focus their skill sets with the extension of advanced experiences to eight six-week rotations. A four-week Practice Readiness block also assures students are prepared for advanced experiences. A combination of assessments and discussions give students a clear understanding of their personal strengths and areas for improvement before they near graduation.

We are doing our best to prepare students for an evolving profession. Providing a strong educational foundation ensures our students are ready to contest for any employment or post graduate education opportunities. If the last five years are an indicator, unanticipated exciting opportunities await us. Just in case, we'll keep our pencils sharp.

To read the full letter from Dr. DeLander, visit our blog at blogs.oregonstate.edu/beaverx/



DRUG USE RESEARCH MANAGEMENT PROGRAM AT OSU

The OSU College of Pharmacy's Drug Use Research and Management (DURM) program is a division of the Oregon Health Authority's Medical Assistance Program. DURM is facilitated by a team that includes several alumni: **Kathy Sentena ('98)**, **Ted Williams ('09)**, **Andrew Gibler ('07)**, and **Sarah Servid ('16)**. Sarah recently completed a DURM 2017-18 fellowship and is now serving as the Pharmacy and Therapeutics coordinator (P&T). The mission of DURM is to encourage safe, effective, innovative, and financially sustainable policies through services related to drug use research and education. The work done here directly influences the policies of the Oregon Health Plan, Oregon's Medicaid program, which is a reference point for all health care providers in the state.

DURM's responsibilities include administration of the Oregon Pharmacy and Therapeutics (P&T) Committee, which maintains the Oregon Medicaid preferred drug list and evaluates claims data to assess the utilization, quality, cost and medical appropriateness of pharmaceuticals. DURM staff also publishes a monthly newsletter on behalf of the P&T Committee, which provides drug utilization reviews, drug and therapeutic guidelines reviews, and cost-effective prescribing recommendations to Medicaid providers and pharmacies throughout Oregon. This monthly publication is key to increasing access to the most up to date findings and recommendations of the DURM program. To learn more about DURM, please visit our website: <http://pharmacy.oregonstate.edu/drug-policy>



LEAVING A LEGACY AT THIS YEAR'S 12TH ANNUAL APOTHECARY BALL

Photo Credit: Shelley Marie Photography



Thank you to all of the legacy families who were able to support this year's 12th annual Apothecary Ball! Your support was instrumental in exceeding student fundraising goals.

We look forward to welcoming legacy families, alumni and friends of the College March 3, 2018.

2017 LEGACY FAMILY SPONSORS

The Armstrong Family
The Daher Family
The Larson Family
The Louie Family
The Martin Family
The Murray Family
The Sowles Family



**OTHER DATES
TO REMEMBER**

**OSPA ANNUAL
CONVENTION
OCTOBER 20-22, 2017**

**LANE COUNTY
FEBRUARY 17-18, 2018**

**OSHP FALL SEMINAR
NOVEMBER 18, 2017**

We are happy to co-host, at the Collaborative Life Sciences Building on DHSU's water front campus, with Oregon Society of Health-Systems Pharmacists (OSHP) the annual Fall Seminar in Portland on Saturday, November 18th, 2017. Visit OSHP's website for registration information.

**HOW CAN YOU SUPPORT
YOUR COLLEGE?**

1

Register with the Oregon Board of Pharmacy as a licensed preceptor when you renew your pharmacy license. Contact Dr. Juancho Ramirez, Director of Experiential Programming at OSU College of Pharmacy, to schedule student rotations (ramireju@ohsu.edu). **Consider being a PharmD/MBA dual degree preceptor site.**

Refer **EXCELLENT** PharmD Student candidates to our Admissions Director, Angela Austin Haney, (angela.austinhaney@oregonstate.edu).

2

3

SHARE YOUR:

TIME: Professional Day, precepting student clinical outreaches, speaking to students.
TALENTS: Do you work in a unique setting that you would like to speak to students about?
TREASURES: Scholarship support, direct gifts to the College, capital fundraising

ENGAGE! Recent Grad Leaders Group, Women in Pharmacy Group, PhD Circle of Influencers Group, Homecoming, Pharmacy Class Reunions

4

PHARMACY PARTNERS

**OSU ALUMNI & FRIENDS
RECEPTION AT THE
OSPA ANNUAL CONVENTION
NO CONVENTION REGISTRATION NECESSARY**

**JOIN US FOR PING PONG & COCKTAILS
AT PIPS & BOUNCE !**

**FRIDAY OCTOBER 20TH
5:30PM- 7:30PM**

**PIPS & BOUNCE
833 SE BELMONT ST
PORTLAND, OR 97214**



**OSU COLLEGE OF PHARMACY
REUNION ACTIVITIES**

**Welcome back class of 1957, 1967,
1977, 1987, 1997, & 2007!**

Reunion Activities Include

Reunion Dinner
Friday October 13, 2017

Social & Dean's Coffee
Saturday October 14, 2017
Pharmacy Building

Football Game
OSU vs. Colorado
Saturday October 14, 2017
Reser Stadium

Reunion Packages

Beavers Unite: \$50 per person
Reunion Dinner, Social & Dean's Coffee

Beaver Believer: \$100 per person
Reunion Dinner, Social & Dean's Coffee,
and Tickets to game: OSU vs. Colorado (in
Pharmacy reserved area)

Fan Cave Package: \$200 per person
Reunion Dinner, Social & Dean's Coffee,
and 1 Ticket to game: OSU vs. Colorado in
private OSU End Zone Suite

Registration open now!

To RSVP contact Paige Clark
Paige.Clark@oregonstate.edu
541-736-6607



**CELEBRATE OSU HOMECOMING WITH
OSU COLLEGE OF PHARMACY**

OCTOBER 13-14

Reunion Activities!

1957, 1967, 1977, 1987, 1997, 2007
Contact Paige Clark for more info:
Paige.Clark@oregonstate.edu

Young Alumni Tailgate

Private tailgate fun to re-connect
with your classmates!

Dean's Coffee

Pharmacy Building for coffee
Hosted by Dean Zabriskie

OSU vs. Colorado

TBA Kick-Off
Homecoming Football game! Pharmacy
group tickets available through College

ABBVIE, ALBERTSONS- SAFEWAY PHARMACY, BI-MART CORPORATION,
BOEHRINGER-INGELHEIM, CVS CORPORATION, GENENTECH, NOVO NORDISK,
RITE AID CORPORATION, SAMARITAN HEALTH SERVICES, SANOFI

2017-2018 CALENDAR

- 9.26.17** **White Coat Ceremony** at the CH2M Hill Alumni Center
Presentation of White Coats to incoming Class of 2021
- 10.10.17** **Scholarship Benefactors Reception** at Langdon Farms Golf Club
Student scholarship recipient and sponsor social
- 10.14.17** **Pharmacy and Football Entrepreneurial Academy Showcase** in the Reser Stadium Fan Cave!
Support the Entrepreneurial Academy and cheer on the Beavs at this special event.
- 10.13- 14.17** **Homecoming and Reunions** at Oregon State University
See Page 19 & 29 for details on College of Pharmacy events
- 10.20.17** **Alumni Reception at OSPA Annual Convention** at Pips & Bounce
Wear orange and join us for our annual alumni reception
- 3.2.18** **OSU/ OHSU CE** at the Collaborative Life Sciences Building
Current issues on Healthcare CE
- 3.3.18** **Apothecary Ball** at the Collaborative Life Sciences Building
Join us for an evening of music, food and fun organized by our students
- 4.14.18** **Women in Pharmacy Luncheon**
OSU Alumnae "Building the OSU Pharmacy Family Network"
- 5.5.18** **Icons of Pharmacy** at Portland City Grill
Dinner and reception honoring the 2018 Icons of Pharmacy
- 5.11.18** **Professional Day**
Connecting OSU College of Pharmacy students and alumni
- 6.15.18** **Graduation of PharmD, PhD and Masters Students** at LaSells Stewart Center
Graduation of PharmD and PhD students

ARE YOU FOLLOWING US?



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