MESSAGE FROM THE DEAN

Dear Friends and Colleagues:

I am very excited to be kicking off my first day as the new dean of your WSU College of Pharmacy and Pharmaceutical Sciences with a note to you, the people driving our college forward. It has been an extraordinary year, to say the least, but the first order of business is to thank Linda, who has been a progressive leader amid very challenging times. Linda and I have been working closely in the last few months to ensure a smooth transition and I deeply appreciate her wisdom and experience in continuing the great effort put forward by all the faculty, staff, and supporters of the college. I look forward to building on the strong foundation that you all have forged to ensure that our students continue to have exceptional opportunities that will help them excel in their careers.

As a homegrown Washingtonian and Cougar alum, WSU holds a special place in my heart. Growing up in the small, farming community of Waitsburg, in the southeastern part of the state, I am personally invested in carrying out our mission as a land-grant university—one of my brothers still farms the land that has been in our family for 130 years. I graduated from the College of Pharmacy (now known as the College of Pharmacy and Pharmaceutical Sciences) in 1983 and worked in both community and hospital pharmacy in Walla Walla and the surrounding area prior to returning to school for my graduate education. I firmly believe that my experiences as a WSU pharmacy student and as a pharmacist set the stage for every success that I have had in my professional life. The training I received from WSU, not just in science and practice, but also the soft skills, were truly second to none. The same can be said about our alumni—who are committed and invested—to seeing the next generation of students succeed. I am assuming the position of dean of your College of Pharmacy and Pharmaceutical Sciences with great pride, humility, and enthusiasm.

Against the backdrop of an ongoing pandemic—the greatest public health crisis in the past century—the college’s mission to advance human health weighs even more heavily and highlights the need to continue to expand the role of pharmacists in health care teams. While we have been bombarded with unfortunate events this year, this is our moment to shine! We are in a unique position to change the course of this pandemic and train the next generation of pharmacists and scientists, who will improve detection and treatment of the current and future pandemics, as well the many other diseases that continue unabatedly to compromise health worldwide. These are certainly challenging times but adversity always opens the doors for success. Now is the time for all of us to pull together—as One Pharmacy—and dig deep to demonstrate what we can do as drug experts and as scientists. Equally importantly, this is our chance to help our students dive into the middle of a public health crisis, at a time when they are most needed. We all have a role to play in this crisis, which presents an opportunity for all of us to grow personally and push our profession forward.

As we settle in, my wife Jane and our kids look forward to re-discovering Spokane and becoming active members in the Cougar community. From my family to yours, I hope you enjoy the Fourth of July for a much-deserved three-day weekend. I look forward to renewing acquaintances and to tackling the year ahead with all of you.

Sincerely,

Mark Leid, Dean
Can you share more information about the travel clinic you set up?

In many parts of the world, diseases that we often do not need to worry about in the United States are very prevalent today. These diseases are caused by a number of different organisms and manifest into conditions such as yellow fever and Japanese encephalitis, among others. The travel vaccination clinic that we have been developing at Pacific NW Specialty Pharmacy is essentially a destination where anybody can schedule a consultation for a region they are planning to travel to internationally. From the demographics that I analyzed, many of the people that would use our service would be traveling as a part of a business function, a variety of mission trips, or for leisure.

The travel clinic will provide much-needed counseling to patients traveling to these destinations about risk reduction, the proper use of medications and vaccinations for the prophylaxis (prevention) against diseases common to the region(s) where they will be traveling, as well as providing our patients with travel updates courtesy of several internet resources including the Center for Disease Control (CDC).

The region where they would primarily serve would be the greater Portland, Oregon area and the areas of southwest Washington state. We also plan (tentatively) to be offering this service starting with one day a week with the intention to expand to more days as demand for this service grows. The expense of offering this service for more than one day until demand grows would be cost prohibitive because we would need a pharmacist or pharmacy intern on staff to administer the vaccinations and counsel our patients.

The only individuals involved on this project include myself and my immediate preceptor who also happens to be the owner. This expansion of our services to include the travel vaccination clinic will be funded by the owner, Janet Coleman, and should be fairly affordable to create. This service would also be economically beneficial after enough business has been built in this area. This service will eventually be taught to pharmacy interns doing their APPEs and IPPEs and will offer an intrinsically and professionally valuable experience to our students.

What inspired you to set up a travel clinic?

The inspiration to create a travel clinic was essentially the culmination of a talk the owner/preceptor and I had about my goals for this internship. I went into my IPPE community pharmacy rotation with a mindset to learn as much as I could and to try to get some more experience with the business interests I have. After voicing my interests in learning more about the business side of pharmacy, we discussed several projects I could work on for a relatively short period of time each week. Janet had said that she had always wanted a travel vaccination clinic, so I started doing cost analysis and research to show proof-of-concept.

What has been the impact so far as a result of the travel clinic?

The travel vaccination clinic is mostly in the implementation and sourcing phase, so the direct impact is still to be determined. Pacific NW Specialty Pharmacy is moving physical locations and is planning to open up this
service upon launch if everything goes accordingly. We have already delegated an area in the blueprint to be the counseling room for this service. We are also currently waiting on the Washington State Department of Health to start processing applications for yellow fever vaccination certifications. Upon approval, we can then order the needed vaccines and be put on the authorized list of business that can offer this service.

**What do you hope to accomplish with the travel clinic?**

With this travel clinic I hope that several important factors are satisfied. First, I hope to increase access of this service to the community. Second, I hope to increase the skills of all the students to eventually do an IPPE or APPE at Pacific NW Specialty Pharmacy making them all more competitive in the job market. Lastly, I hope to create a new revenue stream for the owner within her pharmacy. This should help diversify the revenue stream and help protect the business in the event that more costs are levied upon pharmacies as they historically have been.

**What role did your preceptor and any mentors play in helping you to set up this travel clinic?**

Dr. Julie Akers is one of my close faculty mentors and also played a pivotal role in helping me establish this travel vaccination clinic. At the beginning of this project, she helped provide information about how travel clinics are managed and provided valuable insight about how to create one. As I developed the rough cost-analysis and projected revenue streams in different scenarios as part of the proof-of-concept she provided ideas to find out roughly how much mark-up other pharmacies with this service in the area were offering.

My preceptor, Janet Coleman, was also very instrumental in creating this service. It was her initial passion and gave me a significant amount of creative freedom to build it toward her vision. Janet granted me access to our supplier websites where I was able to gather the Actual Acquisition Cost (AAC) and estimate the gross profits of different scenarios assuming standard conservative markups. Throughout the process, I approached her with drafts of ideas and proof of concept and got feedback to tailor it in ways which fit the current branding and message of Pacific NW Specialty Pharmacy.

**Where can people go if they want to learn more about this travel clinic?**

After the official launch of this service which is estimated to be early Fall 2020 (although subject to change depending on availability of vaccines) would be a good time to reach out! If people want to learn more about this travel clinic, I would recommend reaching out to Janet Coleman at rx@pnsprx.com or myself at colin.beauvais@wsu.edu. The best way to contribute to the development of this service would be to schedule a consult after we have started officially offering this service if you live in the southwest part of Washington state and plan on traveling abroad!

**WSU Center Fields Coronavirus Queries**

When a health care provider has a question about drugs, they turn to the WSU Drug Information Center. Acting as a resource for providers across the state, the center provides expertise on drug interactions, side effects, usage and other drug-related topics. Lately, most of their calls have been about potential drugs for COVID-19 patients.

Read more from The Spokesman Review

**7 Things You Didn’t Know About Our Yakima Extension**

Since Washington State University launched their Doctor of Pharmacy Yakima extension in 2015, students interested in learning about rural health care in a medically underserved area have pursued their PharmD degree in the scenic Yakima Valley. Last year, the extension graduated their inaugural class. As the college’s history in the Yakima Valley grows, we’re taking a moment to reflect on what makes our Yakima extension so special.
Here are a few things you may not have known about our Yakima extension:

1. Students learn to be part of a health care team
   Housed in the Pacific Northwest Health Sciences University (PNWU) campus, Yakima student pharmacists learn alongside PNWU Doctor of Osteopathy and WSU College of Nursing students. First year pharmacy students even share some classes with Heritages University Master of Arts in Medical Sciences (MAMS) students preparing to pursue a doctoral degree in a health profession; many of whom return to the campus later as PNWU or WSU students.

   This shared learning environment fosters interprofessional connections with a focus on developing tomorrow’s leaders in innovative and accessible community-centered care. Starting in the fall of 2021 the campus will expand further to welcome new PNWU Doctor of Physical Therapy students.

   In addition, the college participates in the Yakima Valley Interprofessional Practice and Education Collaborative (YVIPEC), a group of Yakima area colleges and universities teaching students to work as a team with other health care professionals through classwork and interprofessional activities. By working together to solve simulated medical problems and interact with patients as a health care team, students leave the college prepared for future collaborations.

2. Smaller class sizes allow for a more personalized experience
   With class sizes of about 35, Yakima pharmacy students can really get to know all their classmates and professors. Pharmacy students take ownership of their learning process as part of our active-learning model; rather than large lectures, class time is used for self-guided learning and direct discussion with instructors and peers. Smaller class sizes allow for more face-to-face interaction with professors who are experts in their fields: meaning students can personalize their learning experience, focusing on those areas of pharmacy that most interest them.

3. There is so much to do!
   On any clear day, Mt. Adams is visible on the Yakima horizon, the Cascade mountain standing as a testament to the natural vistas for which the Pacific Northwest is known. The Cascade Range is just one of the many destinations within easy reach of Yakima, with the more well-known Mt. Rainier being only an hour and a half drive away.

   Located in the heart of Central Washington, the city is perfectly situated to give residents access to the diverse recreation of the Pacific Northwest and with 300 days of sunshine each year there is plenty of time to enjoy all of it. The proximity of the city to the East Cascade Mountain Range leaves outdoor enthusiasts with a multitude of scenic hiking opportunities, many of which turn into snowshoeing and cross-country ski paths in the winter. For skiers and snowboarders, it’s just an hour drive to White Pass Ski Area. In the summer, area waterways open up a plethora of recreation possibilities ranging from white water rafting the Tieton or Little Naches rivers to fishing at Bumping or Rimrock lake.

   As the tenth largest city in the state, Yakima has the amenities of a city, without the crowds. But anyone craving a day in the city can find themselves in Seattle, Washington in just two hours and Portland, Oregon in three.

4. Agriculture abounds
   Anyone taking a closer look at the Yakima Valley, will quickly find the scenery dotted with orchards and fields dedicated to a thriving agriculture industry.
According to the United State Department of Agriculture, Washington state is the primary apple producer of the United States and produced 73% of the nation’s hops crop for 2019. With the highest acreage of farmland in the state, Yakima county is responsible for approximately 33% of Washington’s apple production and 75% of hops. In fact, Yakima county has a 71% share of crop sales statewide. As a result, Yakima is home to a flourishing craft beer industry and residents have easy access to a variety of fresh fruit and vegetables.

The area is also known for its wine. The New York Times even describes the region as having “Serious Wines and Sweeping Vistas” and with over 120 wineries in the valley the description is well-earned.

5. Students make a real impact in a rural community

Amid the thriving agriculture industry of the Yakima Valley, the PNWU campus is perfectly positioned for students interested in working in a rural community. Every year student volunteers help to immunize the community at vaccination clinics in the area and have even been mobilized to respond to community health outbreaks.

The college has had faculty and students in Yakima since the 1990s building strong ties to the community. Before the Yakima Doctor of Pharmacy extension launched in 2015, WSU pharmacy faculty worked as pharmacists at Virginia Mason Memorial Hospital and supervised pharmacy students who obtained practice experience there. Many WSU pharmacy alumni also live and work in the valley, often lending their time to train students.

6. Students thrive on a national level

For pharmacy students, entrepreneurship and compounding are vital skills, and ones where WSU Yakima students have excelled. Compounding is the art and science of combining appropriate ingredients to fit the unique needs of a patient. For example, instead of the traditional form of the pill, pharmacists may compound medications into the form of a lollipop or gummy bears for young children.

Pharmacy students from Yakima placed third in the annual Student Pharmacist Compounding Competition (SPCC) in 2019 and won the regional competition, qualifying them to move on to nationals in 2020.

In addition, Yakima teams have placed in the top 10 in 2019 and first place in 2018’s annual Good Neighbor Pharmacy NCPA Pruitt-Schutte Student Business Plan Competition. The national competition challenges students to create a feasible business model to either buy an independent community pharmacy or open a new one.

7. Graduates go on to do great things!

When our students finish their Doctor of Pharmacy degree, they follow a variety of paths. Some return home to make their mark in rural communities nearby. Some seek employment outside the area. Others go on residencies and fellowships where they can further develop their leadership skills, improve patient care, refine skills, and advance their growth in clinical judgement. In recent years, the college has seen an ongoing increase in residency matches and 12 WSU Doctor of Pharmacy Yakima 2020 graduates went on to a residency.
A NOTE FROM LINDA GARRELTS MACLEAN

Dear Friends and Colleagues,

I am so glad to be welcoming Mark Leid as the new dean of the college. As Mark mentioned in his note, the two of us have been working diligently behind the scenes to ensure a seamless transition on his first day in office. He and the entire college leadership team are committed to highlighting the important role that pharmacists play in a dynamic health care team and advancing scholarship and human health through critical research. On behalf of the college, the Dean’s Advisory Council, and our CougaRx community, I would like to welcome Mark back to Washington State University.

As part of our ongoing mission to serve our students and Washington state, we have also made some important appointments. Terri Levien, who has been serving as an integral part of our Drug Information Center, has been appointed Director of Quality Assurance, Improvement and Accreditation Preparation, where she will continue work with the Accreditation Compliance Committee (ACC) to assure our program meets ACPE standards as continual improvements are undertaken. I am also pleased to announce that Julie Akers, associate professor, has been appointed Director of Health Outreach and External Residency Research, where she will design and execute partnerships for health outreach services that will include student pharmacists as part of a health care team. As a member of the BAVI Health Board of Directors, Dr. Akers will work closely with BAVI Health partners. Range Health, a division of BAVI Health, is focused on rural health through services in rural and underserved communities delivered via the mobile clinic. Their appointments take effect today and their new roles will report to Dean Leid.

We are also working hard behind the scenes to get our students practice-ready to administer vaccines. Once the COVID-19 vaccine is able to be administered en masse, our students will be prepared to be on the front lines fighting this pandemic to advance and protect the health of our communities in Washington. Despite the challenging circumstances this year, our students have stepped up and shown their willingness to be a part of the solution to this pandemic. We look forward to ensuring that they have the resources they need to make an impact in their communities.

Please join me in welcoming Mark to his new role and thank you all for your continued support and guidance. We look forward to this new era for our college.

With best regards and much respect,

Linda Garrelts MacLean, Vice Dean of External Relations
WSU College of Pharmacy and Pharmaceutical Sciences

Spotlight on Success

Creativity in Teaching Amid the COVID-19 Pandemic

As the COVID-19 pandemic uproots life for many pharmacy students across the nation, faculty and staff at the WSU College of Pharmacy and Pharmaceutical Sciences have met the challenge head on through technology and innovation. “The cancellations in some rotation sites has meant that faculty have had to get creative in a very short period of time,” said Taylor Bertsch, clinical assistant professor for pharmacotherapy at CPPPS, who coordinates virtual rotations for students amid the COVID-19 pandemic.
Following mandated stay-at-home orders, students quickly adapted to learning from home while juggling part-time jobs at pharmacies, rotations, and other family commitments. Behind the scenes, college faculty and staff quickly went to work using technology and partnerships with local providers to ensure that students continue to meet and exceed quality academic standards.

“The team has explored a lot of efficiencies through technology in the last two years and that has allowed us to react and adjust in a way that is not as challenging for our students,” said Anjie Bertramson, Director of Experiential Services at the college. Bertramson says that preparation was the key to their success. “Students have been impacted on so many different levels, but I’m so proud of the way they have reacted. Many of them want to be out at these sites to help patients right now,” said Bertramson.

The faculty and staff have been in overdrive to solve the onslaught of roadblocks facing students as they prepare for rotations across the country. Rotations require in-person fingerprinting, applying for intern licensing from different states, and securing accommodation for the duration of the rotation. “COVID-19 has disrupted what was already a challenging process,” said Bertramson who has been in touch with various state pharmacy boards trying to decode the latest language on applying for intern licensure. “Now we have to think about whether or not students need to be quarantined for 14 days before they start their rotation because many of our students have rotations in other states with their own set of rules for slowing the spread of COVID-19.”

“My main goal was to give them as much patient care experience as possible. They are very eager to go out and help patients in any way.”

Faculty also quickly adjusted to create hands-on experiences for students displaced from clinical rotations. Nicole Perea, clinical assistant professor at the college, teamed up with CHAS, a health care provider in the Inland Northwest to offer telehealth services to patients. Students were asked to review patient medication and recommend any gaps or overlaps in therapy with supervision from an on-site preceptor. “My main goal was to give them as much patient care experience as possible. They are very eager to go out and help patients in any way.” Along with managing medications, students are also triaging potential COVID-19 cases. Though the flow of incoming patients with COVID-19 has remained minimal, the experience has been invaluable for student pharmacists and what they can expect in future practice.

Megan Undeberg, clinical associate professor, has also recreated the institutional experience. In normal circumstance, Undeberg leads students in patient rounds with medical students at the Sacred Heart Hospital in Spokane. Shadowing Undeberg, students would analyze patient charts each morning, and report to Undeberg. Due to site closures, she has had to recreate the experience online by evaluating patient cases via Zoom discussions. “I try to recreate the emotion of feeling overwhelmed and a bit of pressure, because this is what they will face in real life,” said Undeberg of her case studies. “I tell my students that their rotations are like having training wheels on the bike. My goal is to get those training wheels off,” said Undeberg.

I tell my students that their rotations are like having training wheels on the bike. My goal is to get those training wheels off.

These are just a few of the faculty and staff working in the shadows to move forward the college’s mission to deliver quality experiences under the current health crisis. “While I cannot say enough of how proud I am of how our students have adapted during these challenging times, the unsung heroes are the team of people who move this college forward,” said John White, Pharmacotherapy Department Chair. “Lauren Marcath, Nicole Perea, Taylor Bertsch, Kyle Frazier, Megan Undeberg, and Anjie Bertramson, have been working day-in and day-out to turn this unprecedented pandemic into a valuable learning experience for our students. We also owe a special thanks to all our preceptors who have been incredibly flexible and committed to finding alternative learning options for our students.”
**Graduate returns home to work in rural health care**

Originally published in the College of Pharmacy and Pharmaceutical Sciences 2019 Annual Report

In the pocket of central Washington, before the Columbia River snakes through the now decommissioned Hanford nuclear production site, lies the small farming community of Mattawa, population: 4,437. Most residents of the predominantly Latino town work in the acres of surrounding apple and peach orchards, picking fruit that end up in supermarkets halfway around the world such as in Japan and China. This is where 26-year-old Osmark Jauregui, part of WSU’s PharmD inaugural graduating class in Yakima, found his calling as a pharmacist.

“I’ve always been interested in the way things work. My favorite subject was biology,” said Jauregui just outside of his worksite, the Columbia Basin Health Association (CBHA) clinic, a non-profit health care provider serving rural communities in central Washington. “Coming back here was a way to give back to the community that raised me all these years,” said Jauregui, who grew up in Othello, a 45-minute drive from Mattawa, where his parents worked as fruit pickers when he was a child.

Soft-spoken and modest in his responses, Jauregui shares that he was also accepted into other Pharm.D. programs in the state, “What WSU was offering was a better fit for what I wanted to achieve and much more affordable.” Before Jauregui joined CBHA in 2019, only two pharmacists worked between two clinics helping central Washington’s underserved farming communities. It is a typical story in much of rural America, where health care workers are scarce and almost always guaranteed a job with salaries comparable to their peers working in larger cities. “Now we have four pharmacists on staff and we are able to take shifts rather than reducing our hours of operation,” said Jauregui, who spoke to WSU during his lunch break when the pharmacy closes its doors for one hour.

Jauregui landed his first job in health care at CBHA when he was just a high school student. In a serendipitous arrangement, his father worked as a gardener for the CEO of the CBHA clinic, which is how he learned about an internship at the pharmacy. Since starting work at CBHA, the clinic has served as a base for Jauregui to hone his skills as a pharmacist. “This is the clinic where it all started and gave me the opportunity to pursue a career in pharmacy,” said Jauregui. “CBHA helped me apply the knowledge I accumulated in my four years in pharmacy school.”

In many ways, Jauregui embodies the American dream. His parents, who supported Jauregui financially and emotionally throughout pharmacy school, currently work at CBHA as custodians. Taking no credit for his own achievements, Jauregui attributes his success to family, preceptors and anyone who supported him to achieving his goal of becoming a pharmacist.

“When I started working in a community pharmacy, it showed me the impact a pharmacist can have on patient health. As a community pharmacist, I hope to provide medication knowledge to make patients adherent to their therapy and keep them healthy.”

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**PHILANTHROPY FOCUS**

Bill ’69 and Felicia ’73 Gaskins, recently made a generous donation to the Jessie Senora Sims Walker scholarship. Jessie was the first African American graduate of what was then Washington State College in 1913, paving the way for minority students. She was a pharmacy alumna and a Tacoma native. The scholarship endowment that was created in Jessie’s honor by Dean Abdul Monem and the Gaskins several years ago.
Alumni News

- **Bill Bethmann**, ’51, checked in from his home in Othello, where he’s been mostly gardening, reading, and staying home during the pandemic. He does journey out once in a while to grocery shop in Tri-Cities and visit one of his two sons, but other than that he’s now an official “homebody.” He’s maintaining a good sense of humor, glad to be healthy, and is eagerly awaiting the announcement about whether there will be Cougar football this fall. Thanks for the check-in, Bill! Stay safe and healthy.

- **Haley Neff-LaFord**, ’06, PhD, DABT, was recently promoted to Director Toxicology and Translational Sciences Team Lead at Seattle Genetics, Inc. Headquartered in Bothell, Washington, Seattle Genetics is a global biotech company that discovers, develops, and commercializes transformative medicines targeting cancer. Congratulations, Haley!

- **Patrick Tabon**, ’12 and **Cassie Law**, ’12 celebrated their daughter Celeste’s third birthday party recently at their home in Brea, California. Patrick, who is an Assistant Professor of Clinical Pharmacy at the University of Southern California (USC), was recently awarded three prestigious honors by the USC School of Pharmacy: Preceptor of the Year for the class of 2020, Professor of the Year for the class of 2021, and Professor of the Year for the class of 2022. Cassie continues to work at her family’s independent pharmacy, Manning Pharmacy in Rowland Heights, California, and if this photo is any indication, Celeste is getting ready to take over the family business someday. Congratulations to this special Cougar Family!

- **Kathryn Hammarstedt**, ’41, who we featured in last month’s newsletter with her reflections of pharmacy school, sent us a photo of her 100th birthday party, where one of her favorite gifts was a special letter from the WSU College of Pharmacy and Pharmaceutical Sciences. Take a peek at her photo, hard to believe she is 100 years old! She looks amazing!

   Want to be listed in our alumni updates? Send us your career information or let us know what you’ve been up to at gocougs@pharmacy.wsu.edu!

Other News

**The Future of Community Pharmacy: Direct Patient Care**

“More involved direct patient care is the future of pharmacy practice, and schools need to ensure they are graduating practice-ready pharmacists who are prepared to move in to that role.” AACP recently talked to Associate Professor Julie Akers about the future of community pharmacy.

Read more from Academic Pharmacy Now

**Science Explained: How do vaccines work?**

Have you ever wondered how vaccines work? Pharmacotherapy Associate Professor Kim McKeirnan recently helped to answer that question for the Washington State University student newspaper, The Daily Evergreen.

Read more from the Daily Evergreen

**On the Hunt**

When will we have a COVID-19 vaccine on the market in the United States? Pharmacotherapy Professor and Chair John White looks at vaccines in production and when we might see one available.

Read more from the Inlander Health & Home
Faculty Scholarship

PUBLICATIONS
Allen I. White Distinguished Associate Professor of Pharmacotherapy Josh Neumiller and co-authors published a research abstract, “Risk factors for incident T2DM in patients with prediabetes by CKD status,” for the 80th Scientific Sessions of the American Diabetes Association (ADA) virtual meeting in June 2020. View abstract

Josh Neumiller and co-authors published a research abstract, “Risk factors for incident CKD in prediabetes,” for the 80th Scientific Sessions of the American Diabetes Association (ADA) virtual meeting. View abstract

Pharmacotherapy Associate Professor Kimberly McKiernan and co-authors published, “Further insight into how pharmacists ascribe value to technician certification and how that value might be further enhanced,” in Research in Social and Administrative Pharmacy in July 2020. Read article

Kim McKiernan, Pharmacotherapy Associate Professor Megan Willson and one co-author published, “Striving for interrater reliability with a patient counseling assessment rubric: lessons learned,” in Currents in Pharmacy Teaching and Learning in June 2020. Read article

Pharmacotherapy Associate Professor Jennifer Robinson, Kim McKiernan, Pharmacotherapy Assistant Professor (Yakima) Anne Kim, Pharmacotherapy Assistant Professor (Yakima) Damiianne Brand and one co-author published, “The impact of a mental health course elective on student pharmacist attitudes,” in Currents in Pharmacy Teaching and Learning in July 2020. Read article

Pharmaceutical Sciences Associate Research Professor Gang Chen, Pharmaceutical Sciences Associate in Research (Lazarus lab) Christy J.W. Watson and Boeing Distinguished Professor of Pharmaceutical Sciences Philp Lazarus published, “Comparison of tobacco-specific nitrosamine levels in smokeless tobacco products: high levels in products from Bangladesh,” in the peer-reviewed journal PLOS ONE in May, 2020. Read article

SERVICE
Josh Neumiller was featured as a highlighted member in the American Pharmacists Association-Academy of Pharmacy Practice and Management (APhA-APPM) Diabetes Special Interest Group. His diligence and dedication emphasized with his quote, “After experiencing a diagnosis of diabetes and the challenges that came with day-to-day management, I quickly decided I wanted to dedicate my career to diabetes education and research.” The article spotlights his professional achievements and contributions to his field.

AWARDS
Pharmacotherapy Research Associate Alina Yanovich was awarded the American Pharmacists Association-Academy of Pharmaceutical Research and Science (APhA-APRS) Postgraduate Basic Sciences Best Paper Award for her poster, “Research opportunities in accredited PharmD programs of the United States – student involvement.” View poster

Student Achievement

PHARMACEUTICAL SCIENCES (PH.D.) STUDENTS
Shamema Nasrin (pharmaceutical sciences, Lazarus Lab) with faculty co-authors Gang Chen, Christy Watson and Philp Lazarus published, “Comparison of tobacco-specific nitrosamine levels in smokeless tobacco products: high levels in products from Bangladesh,” in the peer-reviewed journal PLOS ONE in May, 2020. Read article

Ana Vergara (pharmaceutical sciences, Lazarus lab) successfully passed her final defense on May 29, 2020.