Inside: UW School of Pharmacy Does a World of Good

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“We were in a small church in a village in Nicaragua. There were no lights, no electricity, and for three days our UW Pharmacy students saw almost 900 patients.” — Professor Don Downing
From the PAA President

THE LIGHT IS STARTING TO CHANGE, the days are getting shorter—all which means that autumn is coming. With the return of fall, we know there are several major milestones for our community ahead. New students will soon arrive at the School of Pharmacy, marking the start of careers for the next generation of pharmacists. An array of conferences will showcase the research and accomplishments of our colleagues, faculty, and students. We will gather together at Homecoming to reconnect with old and make new Dawg friends. And we will see changes in leadership, for the School of Pharmacy with faculty member Sean Sullivan taking the helm as Dean, and a new president for PAA.

Many of you know I’ve been the President of PAA for several years now. I’m happy to share with you that Gary Harris, ’72, stepped forward to become the incoming President of PAA. He was elected unanimously by the PAA board and we are thrilled that he has agreed to pick up the leadership baton.

Gary works full time at QFC and has a deep commitment to the role pharmacists can play in the healthcare system. Gary is one of two original pharmacist Certified Diabetes Educators in Washington state and is a former board member of WADE (Washington Association of Diabetes Educators).

He has been active on volunteer boards for years. He has been on the WA Pharmacy Quality Assurance Commission (PQAC) for 10 years, having held the position of Vice Chair and Chair of PQAC in the past. He is the former president of Washington State Parent Teacher Association (PTA) and was awarded the Golden Acorn, which recognizes a volunteer for dedication and service to children and youth. He is the former president of his homeowner’s association and former member of his church council.

Yet with all that, as busy as he is, Gary has continued to be a strong supporter of the School and a long time PAA member. Please join me in welcoming Gary as our incoming PAA President!

This issue of Dawg Scripts takes a look at all the ways in which our support as alumni make a difference: from scholarships that supports a student who is struggling to make ends meet, to an outstanding preceptor alumnus who directly and positively affects the future of pharmacy practice by mentoring student pharmacists, to pharmacists who take time out of their daily schedules to volunteer for a day with the innovative UW health sciences Interprofessional Education program. Your contributions to the school make a difference.

One of the easiest ways you can support the school is to become a member of PAA. Your membership gives you access to great alumni events like Homecoming, class reunions, and the annual Katterman lecture, recognizes our Distinguished Alumni, supports the publication of Dawg Scripts, and makes possible the PAA Student Scholarships, awarded annually to deserving students. If you are not already a member of PAA, I invite you to join by visiting the PAA page at sop.washington.edu/PAA. If you are a member, thank you for your continued support.

Jennifer Glasco, ’09, President, Pharmacy Alumni Association

The Pharmacy Alumni Association (PAA) Gift Fund supports the UW PAA Scholarship, the PAA Professional Excellence Award, and other PAA programs. To make a gift, go to sop.washington.edu/PAAFund. Thank you!
From the Dean

THIS ISSUE OF DAWG SCRIPTS MARKS MY LAST, in the role as Dean of the UW School of Pharmacy. The past six years have been challenging ones, particularly given the state of the economy, and I have been grateful for this opportunity to serve the School, the university, our alumni, students, faculty, and staff.

You will, by now, have learned of the appointment of Sean Sullivan as Dean of the School of Pharmacy, effective September 15, 2014. I could not be more pleased with the selection of Sean as my successor in this role. Sean’s knowledge of the School, our instructional and research programs, and the profession, together with a strong vision for the future of academic pharmacy, will combine to make him an outstanding Dean.

Throughout this issue of Dawg Scripts, you will see stories showcasing how your contributions to the School make a difference not only to our faculty and students, but also for our community and the world.

In June, under the leadership of Professor Don Downing, a team of students traveled to Nicaragua with Global Brigade. In just a few days, they met with hundreds of patients, providing over the counter and prescription medications for a host of health problems. Students had to pay their own expenses for this trip and held several fundraising events. To support them, the School gifted funds from the Dean’s Fund for Excellence. This fund is one of dozens of ways to support the research and professional development of our faculty and students.

Our School trains leaders in pharmacy. You’ll read about the four students who came together to create an award-winning business plan for Fairhaven Pharmacy in Fairhaven, Washington (page 8). This devoted team of students identified key tactics and strategies that would continue to grow and develop this important community resource.

Every day we are educating the pharmacists and researchers who will make a difference for the future of pharmacy and we invite you to be a part of that process. The gifts shared are not always financial – often it is expertise or time that is given and deeply appreciated. If you wish to donate your time and expertise we have an abundance of opportunities in our Interprofessional Education program as well as serving as preceptors to our students in training (see pages 13 and 15).

It is with great sadness that I tell you we lost a good friend of the School this summer. Scott Grimm was not an alumnus, but a devoted member of our Corporate Advisory Board where he represented the drug metabolism group at AstraZeneca. We will miss his great spirit, good humor, and kindness.

I will stay on until the end of September before I commence my 12-month administrative leave and I want to say what a privilege it has been to serve as Dean of this superb School for the past six years. It has truly been a pleasure working with all of you, and I look forward to interacting with many of you again upon my return to the regular faculty in the fall of 2015. Thanks again for all your support over the years!

Sincerely,

Thomas A. Baillie, PhD, DSc
Dean, UW School of Pharmacy
Getting to Know Our Incoming Dean: Professor Sean Sullivan

AN EDUCATOR AND RESEARCHER AT HEART, Sean Sullivan has been a member of the UW faculty since 1992 and is recognized as an international leader in pharmacy education and pharmaceutical policy research. Sean holds a joint appointment as professor of Health Services in the School of Public Health and held, until his appointment as Dean, the Stergachis Family Endowed Director of the UW Pharmaceutical Outcomes Research and Policy Program (PORPP), and co-Director of the UW Centers for Comparative and Health Systems Effectiveness (CHASE Alliance). He also holds adjunct appointments in the School of Medicine, the Public Health Sciences Division at the Fred Hutchinson Cancer Research Center, and at Group Health Research Institute.

A faculty member first, Sean emphasized that deepening his connections to the practice and research community – both internally and externally – will shape his leadership. We talked with him to learn more about his priorities and next steps in this new role.

DS: You are joining a great tradition of UW Pharmacy Deans. How have the prior deans influenced you?
SS: I was hired by Milo Gibaldi and served in my previous role as Director of PORPP under Sid Nelson and Tom Baillie. I have tremendous respect for each of these three Deans and the work they did for the School during their tenure. Milo was beloved because of his engagement with faculty, students and the community. Similarly, Sid had a style that made everyone feel so connected to him and the school. Tom has led us through very difficult economic times all while securing full reaccreditation, with no stipulations or caveats. The business sensibility Tom brought from his time at Merck allowed the school to thrive, despite numerous external challenges. Thanks to the commitment and decades of steady leadership, we are in a great position to move forward and to continue to grow.

DS: What do you want our readers to know about you?
SS: Pharmacy is family for me. I started my career as a community pharmacist in California at Wapples Pharmacy in Hollister after completing my degree in 1983 from Oregon State University. My wife, Catrena Sullivan, is a pharmacist. She graduated in 1990 from Oregon State University and is licensed in Washington State. Before taking a break to focus on our two children, Kiera and Aidan, she worked locally at Bartell’s and Kelly-Ross Pharmacy.

DS: What’s your vision for the school?
SS: Actually, I think the vision for the school is one that must be framed by and shared amongst us all. To articulate it, we will have a strategic planning process out of which the vision will emerge. It will be a collaborative process that involves all our stakeholders: faculty, students, staff, alumni, preceptors, and the larger community. We know we can’t be everything to everyone, so we have to be thoughtful about where we place our limited resources. Ultimately, we want highly skilled pharmacists and scientists who think back on their time at UW Pharmacy with fondness and a willingness to stay connected with the institution. We want our faculty and staff to enjoy working here as that will lead to a great student experience.

DS: What are some of your plans for your first months as dean?
SS: There are three key priorities: creating our strategic plan; looking for ways to improve the overall student experience; and taking interprofessional education to the next level.

DS: How will the strategic plan be developed and used?
SS: Creating the strategic plan will be an inclusive process led by Mary Hebert and the Senior Leadership Committee. In that plan we will identify the top priorities for the school. Once
the strategic plan is developed, we will use it to guide decision making at the School and to communicate our mission and areas of focus to external stakeholders.

DS: What do you want for our students?

SS: Our students are amongst the very best. We hear consistently about the positive experience they have while they are here. That said, there are always opportunities to improve and find new ways to make a terrific, truly world-class experience, from start to finish. That is one major area of focus for me.

DS: How do you see Interprofessional Education adding to the student experience?

SS: To meet the challenges of a changing health care delivery system and reaccreditation requirements, we must create a plan to fully integrate the interprofessional approach to our curriculum. By doing so, we will prepare our student pharmacists for the future of medical practice in the age of accountable care and fixed payments. Pharmacists will be an active part of the patient's medical team and our students will not only be prepared, they will be leaders in this new model. Having pharmacists responsible for therapeutic treatment strategies makes sense. In collaboration with doctors and nurses, this new model will make better patient-centered decisions and improve outcomes.

DS: How do you see your role as dean carrying out these initiatives?

SS: Internally, it's a matter of working collaboratively with faculty leadership who are willing to give time and energy to see these initiatives through. Externally, it's about getting out and activating our alumni. I will be going out regularly to connect with our alumni and the professional and scientific community. As dean, I have an opportunity to spread the mission of our school and help our students and faculty become even more successful than they already are. I take that responsibility seriously.

DS: That's an ambitious set of priorities. How can our alumni make a difference?

SS: I will be looking to our alumni for input on the strategic plan. Our alumni are critical to our success. As I am out and about I will be talking with our alumni, asking them what the school can do for them and how we can grow the school's success together. We will continue to get better and better every year. I want our alumni to be proud of their school.

PORPP Faculty Member Garrison Named Interim Director

LOU GARRISON, PHD, HAS BEEN APPOINTED AS INTERIM DIRECTOR for the Pharmaceutical Outcomes and Research Policy Program (PORPP). With a background in economics, Garrison has said he plans to continue to build on the success PORPP has accrued over fifteen years, including the selection of a new director. “Lou's ten years as Associate Director of PORPP make him the ideal person to lead the Program until a permanent Director is appointed,” said Sean Sullivan.

Garrison is Professor in PORPP in the Department of Pharmacy and Adjunct Professor in the Departments of Global Health and Health Services, where he joined the faculty in 2004. In 2013, he completed a sabbatical as Visiting Senior Research Fellow at the Office of Health Economics in London. In the 12 years before joining UW, he worked as an economist in the pharmaceutical industry where he oversaw the development of the economic and pricing strategies, and research plans for all Roche compounds. Garrison's research interests include national and international health policy issues related to pharmacogenomics and personalized medicine, regulatory benefit-risk analysis, insurance, pricing, reimbursement, and risk-sharing agreements, as well as the economic evaluation of pharmaceuticals, diagnostics, devices, surgical procedures, and vaccines, particularly as related to organ transplantation, renal disease, influenza, measles, obesity, and cancer.

“I've been fortunate, particularly given how prestigious the program is, to be a part of PORPP for a number of years,” said Garrison. “I want to build on the foundation built by Sean and Andy [Stergachis] and support the transition to an even stronger future. Pharmacists play a valuable role in the health care sector, and their impact will be further enhanced by a sound understanding of the economic issues that affect the appropriate use of medicines.”
From Belgrade to Belltown: Serbian Fulbright Visiting Scholar Researches Experiential Pharmacy Education at the UW

IT’S NOT OFTEN A PROMINENT RESEARCHER FROM SERBIA comes to UW Pharmacy as a Fulbright Visiting Scholar. Dr. Jelena Parojčić is an associate professor in the Department of Pharmaceutical Technology at the University of Belgrade in Serbia. Her areas of research include Biopharmaceutical aspects of Drug Delivery; Drug Release Mechanisms In Vitro and In Vivo; and Bioperformance Dissolution Testing. She has a great interest in professional development of pharmacy faculty and the modernization of pharmacy curriculum and experiential education. We sat down with Dr. Parojčić to learn more about her six months here.

DS: How did you choose the UW School of Pharmacy?

JP: I came to Seattle four years ago and was deeply impressed by the city, especially the University of Washington campus and library. The Fulbright selection committee discourages scholars from choosing the most competitive schools, to improve their chances. I knew I wanted to be at UW School of Pharmacy as it has the best experiential education curriculum. Even though it was competitive, I approached colleagues here at UW with a project proposal and applied for and got the Fulbright Visiting Scholar grant, working with the School’s Office of Pharmacy Professional Education (OPPE).

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JELENA PAROJCIC

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DS: What did you research here?

JP: I am part of a European Union (EU) project aimed at the modernization of pharmacy education in Serbia. We are expanding and improving the experiential education curriculum. The US has an established system for experiential pharmacy education; and Europe is still struggling to find a model.

DS: Besides the great weather, why did you come out in the spring and summer?

JP: I wanted to attend the American Association of the Colleges of Pharmacy (AACP) conference in late July to network with colleagues from all over the United States. The conference was very useful for my project. Unlike the EU version which does not have decision-making authority, the conversations that occur at AACP become recommendations and then guidelines for schools of pharmacy. There are new accreditation standards and I look forward to seeing in December how the process observed influenced the outcome. Smaller countries, like Serbia, are trying to figure out whether to adopt national standards for pharmacy education or collaborate with other EU countries and create regional standards. It’s an area that needs more research.

DS: What was the academic highlight for you?

JP: I was very interested in faculty development and was able to meet with colleagues in the Department of Pharmacy to learn more. I’ve attended the Teaching Certificate Program in Pharmacy Education and was able to experience active learning first hand. To me, this is a way to transform our teaching – involving the students in their own learning more than through traditional lectures. When I return to Belgrade, I will work with my colleagues to introduce this approach to our courses. I will also work to establish the Teaching in Pharmacy Education program for faculty and preceptors at the University of Belgrade and look forward to continuing my collaboration with colleagues from UW School of Pharmacy on the development and delivery of the relevant curricula.

DS: How do you think the students will respond to a different approach to teaching?

JP: I think it will be difficult at first, but in the long run, I think they will see the benefits of this approach. I plan to share these techniques with my colleagues too, so they can incorporate them into their classrooms. The connections I made here are so important to me and I would like to continue and extend this collaboration between Southeastern Europe and the Pacific Northwest.

DS: What surprised you about your time here in Seattle?

JP: Seattle is such an exciting place with state of the art technology – one student wore Google glasses. My apartment building had a drone flying outside its windows a few weeks ago and it was all over the news. I was fascinated with all the different scientific research stories on UW Today email. Seattle is a beautiful, international city – Seattleleites are very modest about how wonderful it is!
Baillie's research focused on understanding the biochemical mechanisms involved in the metabolism of drugs to metabolically reactive metabolites ("metabolic activation"). Many such reactive intermediates are toxic to the cells they encounter, and by gaining knowledge of the identities of these metabolites, it becomes possible to rationally alter the structure of the parent drug to avoid metabolic activation, and thereby design a safer medicine. “Much of this research began at UW when I was a faculty member before I went to the private sector,” said Baillie. “I collaborated with many colleagues here on this work, most especially Sid Nelson.”

Value in Health published Dr. Beth Devine’s research with Everett Clinic that showed the dramatic impact electronic prescribing could have in both small (1-20 providers) and midsize medical groups (up to about 400 providers). The researchers estimated that in a five-year span, a basic electronic prescribing system would save $18 million and result in 1.5 million fewer medication errors. See the full story at http://hsnewsbeat.uw.edu/story/e-health-records-big-value-small-practices-too.

Jeannine McCune, PharmD, was announced as the newest Associate Editor of the Clinical Pharmacology & Therapeutics the official scholarly publication of the American Society of Clinical Pharmacology and Therapeutics (ASCP). Additionally, Dr. McCune was elected a Fellow of the American College of Clinical Pharmacy and will be recognized during the College’s 2014 Annual Meeting.

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Baillie and Isoherranen Selected for Prestigious ISSX Awards

NOT ONE, BUT TWO OF OUR FACULTY were selected to receive the only awards given by The International Society for the Study of Xenobiotics (ISSX). Dean Tom Baillie was selected for the North American Scientific Achievement Award and faculty member Nina Isoherranen, PhD, was selected for the North American New Investigator Award.

Baillie has made major contributions to the understanding of the metabolism of xeno- and endobiotics and is internationally recognized for his seminal contributions in this area of scientific research. Said one of his nominators, Dr. Paul Ortiz de Montellano of the University of California, San Francisco, School of Pharmacy, "Tom Baillie is an internationally recognized scientist who continues to flourish and to have a broad impact on the field of drug metabolism."

Dr. Nina Isoherranen has become recognized in the fields of drug metabolism and pharmacokinetics through the establishment of a diverse and productive research program. According to Professor Edward T. Morgan of Emory University, "Key attributes that define the most successful and impactful researchers are breadth, scientific acumen, and good judgment. Dr. Isoherranen has all of these. She is a rising star in the drug metabolism field."

Both awards will be presented at the 19th North American ISSX Meeting at a special session on October 21 at 2 p.m., followed by scientific lectures by the awardees. UW Pharmacy will host a reception for alumni, faculty, and friends at 5 p.m. on October 21. The 19th North American ISSX Meeting will convene October 18 - 23, 2014 at the Hilton Union Square Hotel in San Francisco.
Medicinal Chemistry student Eric Evangelista received funding from Institute of Translational Health Sciences TL1 Multidisciplinary Predoctoral Clinical Research Training Grant. The grant is a year-long training experience funded by the National Institutes of Health and the National Center for Research Resources. Recipients work as part of an interdisciplinary team doing research that focuses on identifying major clinical problems, addressing these problems in the laboratory, and bringing bench discoveries into clinical practice.

A team from the School of Pharmacy, including faculty members Ed Kelly and Cathy Yeung (pictured right), who served as the Institute of Translational Health Sciences (ITHS) advisor, and graduate student Alenka Jaklic (pictured left) and engineers at Nortis Inc., developed an exhibit at the Pacific Science Center on the use of stem cells in drug development. The exhibit features the kidney-on-a-chip, along with other promising stem cell developments from the UW. The kidney chip group is a huge interdisciplinary project that includes nephrology, bioengineering, and many of UW Pharmacy faculty and students, including Kenneth Thummel, Danny Shen, Joanne Wang, Cathy Yeung, Ed Kelly, Jash Unadkat, and many stellar Pharmacy graduate students. The display officially launched in August and will be up for six months as part of the Well Body exhibit at the center.

PharmD student, Kelsey Rasmussen, ’16, (pictured second on left) is part of a team awarded a grant for Interprofessional Education (IPE). Kelsey is working with students from the other UW health sciences schools to study people who frequently use the emergency room (ER). By following them for 6 months, the team expects to find some of the reasons why they use the ER and help identify solutions through this comprehensive study.

Laura Hart, ’14, and David Yiu, ’16, were awarded “Best Student Poster” at the Northwest Pharmacy Convention. Hart and Yiu presented a poster on impact of consultant pharmacist services in two local retirement communities and resident awareness of UW Pharmacy Cares services. Read more about Laura Hart’s research on page 15.

For years, student teams from UW Pharmacy have won or been in the top ten of the National Community Pharmacists Association (NCPA) Pruitt-Schutte Student Business Plan Competition, and this year is no exception. UW PharmD class of 2016 students Simeon Roth, Kyle Sullivan, David Yiu, and James Lin, led by faculty member Don Downing, placed in the top ten nationwide with their business plan for Fairhaven Pharmacy, near Bellingham, Washington. “Working on this project made me more motivated than I already was to own my own community pharmacy one day,” reflected Lin.

The PORPP Retreat (pictured below) is an annual event for PORPP faculty, students, and staff. Held at the Talaris Conference Grounds for many years, the agenda and activities were set by Carrie Bennette and Will Canestaro this year. Participants were placed into groups according to their personality profiles and performed team exercises. The culminating activity was a big Scavenger Hunt in which the teams had to take pictures of the items or exercises on their lists. Reviews were glowing: “one of the most refreshing and entertaining retreats PORPP has had the pleasure to experience.”
How I Spent My Summer: Pharmacy Students Do a World of Good Half a World Away

SPRING FINALS END. At 3 a.m., a group of UW Pharmacy students meet at SEA-TAC for a 6 a.m. flight. Seventeen hours later, they land at Managua International Airport. Bleary-eyed, they go through customs with their certifications from the Ministry of Health, meet their in-country coordinator for a two-hour ride to Esteli, a small village in Nicaragua that they will call home for the next 5 days.

One of the poorest countries in the Western Hemisphere, Nicaragua is beautiful and challenging. Many don’t have access to basic necessities.

In June 2014, 43 students from UW School of Pharmacy completed months of fundraising and planning for the opportunity to see this developing country and to do what they could to help, in partnership with an organization called Global Brigades.

Global Brigades is the world’s largest student-led global health and sustainable development organization. Since 2004, Global Brigades has mobilized tens of thousands of university students and professionals through skill-based programs that work in partnership with community members in Ghana, Honduras, Panama, and Nicaragua, to improve quality of life in under-resourced regions while respecting local culture.

Leading the Brigade

In 2011, Jordan Han, ’16, came to interview for the PharmD program, ready to begin his career in pharmacy. While interviewing, he heard about the first SOP Global Brigades team that went to Honduras. In that moment, the former chemistry major knew he wanted to come to the UW.

Jordan had lived in Paraguay for as a child and the experience left a lasting impression. The opportunity to travel to Central America was a deeply personal one. “This was an emotional journey for me,” he recalled. When he began his studies as a pharmacist at the UW, he began the planning process for the life-changing trip.

On the Ground in Nicaragua

After a couple of hours of sleep, the 43 students climbed back into buses for a tour of the countryside, seeing geographical and cultural landmarks while adapting to their temporary home. Later that afternoon, they spent time sorting medications purchased through Global Brigades. They worked with local translators to provide basic directions, and were supervised by UW Pharmacy faculty member Don Downing, along with physicians and pharmacists from Harborview and Pharmaca Integrative Pharmacy, and Don’s wife, a physical therapist.

They set up the clinic in a church at the center of the village. The building had a tin roof and no electricity, with light coming only from the open windows and doors. The students and mentors divided into teams: intake, triage, treatment, and pharmacy.

The next three days were a blur. The students and their mentors saw a record number 895 patients over the course of their work. People came from miles around and the team pledged to help whoever showed up.

The triage area was staffed with a dozen students and translators, including students with Spanish language skills. The team weighed patients, checked blood pressure and glucose levels, and interviewed patients to get basic information for the physicians. Once triaged, patients met with doctors and the physical therapist.

Patients received prescriptions and then went to the dispensary where most of the students were based. The preceptors were on hand to supervise their work, just like a clinical practice. Students used guides they’d brought along to look up dosing and other clinical information while the local pharmacist provided additional counseling.

Jordan, who describes himself as a “passable Spanish speaker,” worked mainly in triage – even giving up some shifts in other parts of the clinic to remain there. “I was able to see so many different people and help them out with their concerns,” said Jordan.

Many of the complaints were consistent – stomach aches from intestinal parasites, UTIs, and body pain. There were also patients who stood out – a woman who couldn’t afford to leave her abusive husband, a disabled young man who traveled about 20 miles for care in a country with little support for people with disabilities. “Most patients had some sort of pain,” Jordan reported. “And almost every patient asked for multivitamins.”

UW Pharmacy Alumni Support

To make the trip possible, students covered their travel costs, including food, lodging, utilities, transportation, water, and security. In addition, the students raised money for a Brigade Box that covered prescription medications and collected donations from Walgreens and other pharmacies for over the counter medications, multivitamins, and medical supplies. Gifts made to the Dean’s Fund for Excellence added to the students’ efforts. “We are grateful for the support of alumni and friends of the School of Pharmacy that helped make this trip possible,” Jordan said.

Support the Next Brigade

Want to be a part of a future UW Pharmacy Brigade? Email Jordan at jjkh@uw.edu. To support a future UW Pharmacy Global Brigade, we invite you to contribute to the Dean’s Fund for Excellence.
RECOGNIZING our donors

We gratefully acknowledge the many generous alumni, faculty, staff, students, corporations, foundations, and friends that made gifts and pledges to our School and made donations to student events between July 1, 2013–June 30, 2014. Giving remains strong at $2 million last year, with 14% of our alumni giving back to the School. This year, we are listing donors who gave $500+ so we can highlight the collective impact of our donors. Your gifts make a difference for our students and programs. Thank you.

Corporations & Foundations

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- Southcentral Foundation

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- General Electric Company
- JTB International, Inc.
- The Heartstore
- The Kroger Co.
- Walgreens

$2,500-$9,999
- American Foundation for Pharmaceutical Education
- American Pharmacists Association

$2,000-4,999 (President’s Club)
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$1,000-$1,999 (Dean’s Club)
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- Josh Carlson
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- Bonnie & Walter Davison
- Emily Devine
- Jane Dixon & Adam Dudley
- Stephanie Decker & George Guenther
- Donald & Anne Downing

$500-$999
- Michael & Margaret Faulkner
- Andrew & Claire Forster
- Donald & Margaret Forstrom
- Catalina & James Gorman
- Keli & Ryan Hansen
- Thomas Hazlet
- Kirk Henne
- Rodney Ho & Lily Hwang-Ho
- Lorraine Humm
- Richard & Janet Hunter
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- Sze Lau
- Albert & Sheila Linggi Jr.
- Cara McDermott & Scott Gardner
- Barbara Ewing & Kathy Neilson
- David & Peggy Odegard
- Larry & Ellen Oliver
- Marla & Patrick Osniski
- Gregory & Gloria Pollock
- James & Diann Robbers
- Beverly & Michael Schaefer
- James & Pamela Seymour
- Andy & JoAnn Stergachis
- Allan Rettle & Shannon Stewart
- Arvind Thakka
- Bettie Tomchalk

Individuals

$5,000-$9,999
- Lara Andjelkovic & Jacob Connell
- Timothy Carlson & Luann Aki
- Mark & Pamela Holzemer
- Stephen & Kathy Kushner
- Douglas & Areatha Mendenhall
- Lance & Sheila Pohl
- Sean & Catrena Sullivan
- David & Julie Veenstra

$2,000-$4,999 (President’s Club)
- Evelyn Arrigoni
- Cynthia Bishop
- Herbert Bridge & Edith Hilliard
- Weichao & Sandy Chen
- Jackie Gardner & Gary Elmer
- Louis & Frances Garrison Jr.
- Sallie & Brett Hartnett
- Estate of Lars Hennum

$1,000-$1,999 (Dean’s Club)
- Michael & Margaret Faulkner
- Andrew & Claire Forster
- Donald & Margaret Forstrom
- Catalina & James Gorman
- Keli & Ryan Hansen
- Thomas Hazlet
- Kirk Henne
- Rodney Ho & Lily Hwang-Ho
- Lorraine Humm
- Richard & Janet Hunter
- Eric Irvin
- Christine & Anthony James
- Ronald & Cherie Klein
- Paul & Mary Kuehn
- Joseph & Yue Lam
- Linda & James Lang
- Sze Lau
- Albert & Sheila Linggi Jr.
- Cara McDermott & Scott Gardner
- Barbara Ewing & Kathy Neilson
- David & Peggy Odegard
- Larry & Ellen Oliver
- Marla & Patrick Osniski
- Gregory & Gloria Pollock
- James & Diann Robbers
- Beverly & Michael Schaefer
- James & Pamela Seymour
- Andy & JoAnn Stergachis
- Allan Rettle & Shannon Stewart
- Arvind Thakka
- Bettie Tomchalk

$500-$999
- Jack Babcock Sr. & Jill Keam
- George Benson, Jr.
- Michael Bonc & Maureen Larson
- Jonathan & Christina Campbell
- Sonia Carlson & Bobby Kishore
- Carol Chervenak & William Barish
- Collin Conway
- Wanda Crow
- Danny & Shelly Davidson
- James & Karan Dawson
- Gregory Edmiston & Debra Leith
- Jon Eisenberg & Soraya Madani
- Kenneth Euler
- Anthony & Linda Haralson
- Vivian & Jeffrey Hiroo
- John & Maureen Horn
- Gayle Hudgins & Tim Edwards
- Brenda & Jess Kelly
- Al & Geriann Klaaskate
- Young & Minja Lee
- Kevin Lor
- Sara McElroy
- Linda & Jay Newkirk
- Dominic & Natalie Poon
- Jeffrey & Kirsten Rochon
- Jordan Roth
- Peter & Panayiotis Salagianis
- Robert & Martha Satterthwaite
- Harry Schnepf II & Cameron Fosterling
- Joyce & George Schroeder
- SUAnn Stone
- Paul Tom
- Jizel & Steven Wanaka
- Victor & Ann Warner
- Judith Weber
- Mary Wingate
- Ai-Ming Yu & Liping Chen
Classes of 1969, ’74, ’84, ’89, ’94, 2004, and ’09 will be celebrating their reunions at Homecoming on Friday, October 24! To register, go to bit.ly/SOPHomecoming.

The UW Pharmacy Alumni Association (PAA) unanimously elected Gary Harris, ’72, to be the next President of the PAA. Gary assumes the helm from Jennifer Glasco, ’09, who has served as President for several years. To learn more about Gary, please see Jennifer’s letter on page 2. We congratulate Gary on his election and thank Jennifer for her leadership and years of service!

The latest issue of Columns features Ed Wong, ’71, ’98! Finishing an ironman triathlon—swimming 2.4 miles, biking 112 miles and then running a marathon—is more than the sum of its numbers, says Ed. “It’s an affirmation that you can beat imposed limitations, if you put your mind to it,” says Wong, 66, a retired pharmacist who holds the record for finishing 31 consecutive Ironman Canada races, including the 2014 event on July 28 in Whistler. B.C. Wong, a member of the UW Foundation Board and School of Pharmacy Clinical Advisory Board, says training is “like life itself: money, time, relationships, sweat and tears.” But “the time for introspection, commitment to fitness, camaraderie and lifelong friendships have made the pain and sacrifices worth it.”

Independent Pharmacy Cooperative (IPC) announced Tieton Village Drugs of Yakima, Washington as IPC’s 2014 Most Valuable Pharmacy. The pharmacy and owner Phil Luther, ’90, were honored at the IPC Annual Business Meeting. IPC President and CEO Don Anderson said, “Tieton Village Drugs embraces the independent pharmacy profession.” Phil Luther is the store’s fourth owner, which he purchased in 1998, the same year when he began membership within Independent Pharmacy Cooperative.

Kari VanderHouwen, ’92, was just elected to the Board of the Independent Pharmacy Cooperative. Eleven IPC member pharmacy owners from across the country comprise the current IPC Board of Directors. An IPC Board Member serves a 3-year term with the opportunity for re-election. Member pharmacies are strongly encouraged to run in the Board of Directors elections each Spring!

Mark Donaldson, ’01, was recognized at the annual Northwest Pharmacy Convention. The Montana Pharmacy Association selected Dr. Donaldson as the recipient of Montana’s 2014 Bowl of Hygeia Award for outstanding community service. The American Pharmacists Association Foundation and the National Alliance of State Pharmacy Associations sponsor the award. As an internationally recognized symbol for pharmacy, the Bowl of Hygeia is one of the profession’s most prestigious awards, recognizing pharmacists who possess outstanding records of civic leadership in their communities.

Don’t be shy — tell us what you’ve accomplished! Your successes inspire and add value to all of us. Send your updates and photos to gu3@uw.edu.

Welcome New Faculty Members in PORPP and Med Chem

GARY H. LYMAN, MD, MPH, is Adjunct Professor in the School of Pharmacy and the School of Public Health at the University of Washington as well as Professor of Medicine in the Department of Medicine at the University of Washington School of Medicine. He also is Co-Director of the Hutchinson Institute for Cancer Outcomes Research and Member of the Public Health Sciences and Clinical Research Divisions at the Fred Hutchinson Cancer Research Center. Lyman is a Medical Oncologist and Hematologist and a member of the Breast Cancer Program at the Seattle Cancer Care Alliance. His research interests include comparative effectiveness and outcomes research related to targeted therapies and biomarkers, efforts to integrate health economics into evidence-based medicine, health policies and real world research paradigms.

LIBIN XU, PhD, will be an Assistant Professor in the Department of Medicinal Chemistry. He graduated with a BSc from Nakai University, Tianjin, China, completed his PhD in Organic Chemistry at University of Illinois at Chicago, and was a Postdoctoral Fellow at Vanderbilt University. His current research focuses on investigating the role of 7-dehydrocholesterol (7-DHC)-derived oxysterols in the pathophysiology of Smith-Lemli-Opitz syndrome (a cholesterol biosynthesis disorder) and developing therapeutic approaches toward this disease and development of novel lipidomic approaches based on ion mobility-mass spectrometry.
What a Difference a Scholarship Makes!

NO MATTER HOW BIG OR HOW SMALL YOUR GIFT to the UW School of Pharmacy is, it makes a difference. When combined together, donations to scholarship funds have a tremendous impact for our students. By supporting scholarships, our alumni and friends help over 100 PharmD students a year defray the cost of tuition, fees, books, and living expenses. Our students are passionate about becoming clinical leaders that serve the healthcare needs of our communities.

Christopher Andrews, ’17

“I am currently interning at the Virginia Mason Medical Center within their inpatient pharmacy where I have been ingrained with the philosophy of team medicine and always putting my patients first.”

Jessica Chi, ’15

Jessica was able to travel to Honduras with our School’s Global Brigade to provide quality health care to a community that otherwise has limited access to health care. “Thank you for helping me reach my goals in pharmacy. Being at such a prestigious school will prepare me for my future.”

Ichiko Yoshimoto, ’14

Ichiko focused her efforts on the geriatric community and volunteered her time for osteoporosis screenings and health fairs. “I am not only growing my knowledge and skills academically but also my sense of community and volunteerism which together contribute to my overall growth as a healthcare professional.”

Kris Martinson, ’15

“As a graduate student, husband, and father it is not always easy to balance school, work, and family, but the financial support your scholarship fund has provided will allow me to spend more quality time with my family and allow me to focus on my third year of school.”

Contributions to the Dean’s Fund for Excellence and the Student Scholarship Support Fund help our students complete their studies, balance their lives, put patients first, and help underserved populations – and show your commitment to the future of pharmacy practice. For more information contact Andria Sherrow, Associate Director, andria5@uw.edu, 206-221-2465.

Join PAA Today!

Your membership in the Pharmacy Alumni Association makes possible student scholarships, mentoring opportunities, distinguished alumni awards, the annual Katterman lecture, your favorite publication – Dawg Scripts – as well as events like Homecoming and Class Reunions. Support the School of Pharmacy and the future of pharmacy excellence! Go to: sop.washington.edu/paa.

Faculty Gift Helps UW SNPhA

Faculty members Prof. John Horn and Prof. Emeritus Philip Hansten donated copies of their book, The Top 100 Drug Interactions: A Guide to Patient Management, to the UW Pharmacy Student National Pharmaceutical Association chapter to resell as a fundraiser. The pocket-sized drug interaction reference retails for $19.95 but is sold by the student organization at a discounted price. SNPhA sold 110 copies of books to students in the School of Pharmacy. This represents the largest number of books sold in the 10-plus years Drs. Horn and Hansten have been donating books for a student fundraiser. The money raised is used to support student activities.

To view 100+ articles on drug interaction topics, go to: http://www.hanstenandhorn.com/news.htm

Snoqualmie Valley Hospital Awarded IPPE Preceptors of the Year

We asked our students about their favorite preceptors, Ron Bennett (pictured), Elizabeth Fuchs, and Candy Naderi, at Snoqualmie Valley Hospital, and this is what we heard.

“They are wonderful preceptors. They involved me in everything an institutional pharmacist does from distribution to clinical pharmacy. They were very receptive to questions, and I was most impressed with their willingness to work with me on clinical subjects that were not even required from the rotation,” said one student.

Another student told us, “Snoqualmie Valley Hospital is an EXCELLENT site for students to begin learning about real-world hospital pharmacy practice. All of the pharmacy staff are supportive and generous toward students, and the small size of the hospital allows students to see the ‘big picture’ more easily than at a larger hospital. I can’t say enough good things. If it were feasible, I would recommend sending the entire PharmD class to do their IPPE at Snoqualmie. It’s that good.”
Scott W. Grimm

Scott Wayne Grimm, age 53, beloved husband, father, son, brother and friend, completed his life’s journey on June 1, 2014. A mentor to many, he was an integral part of the Corporate Advisory Board for the School of Pharmacy at the University of Washington.

A twenty-seven-year employee of AstraZeneca, holding the title of Executive Director, DMPK, IQC, Drug Metabolism, Scott was well-respected and accomplished as a collaborative leader in drug discovery and development and an active contributor to the PhRMA white papers driving the science for rational decisions for drug approval.

Scott recruited and developed scientists with a focus on helping them apply their unique skills to the drug hunting challenge. Many will remember Scott for his generous spirit, strength of character, and quiet sense of humor. He was passionate about his family and especially enjoyed sharing with them his love for the outdoors. Scott leaves behind his loving wife, Marilyn Santa Barbara, and his three sons, Evan (wife, Evelyn), Jeremy, and Nathan. Born to Harold and Jean (Protheroe) Grimm in Warren, Ohio, Scott is survived by his parents and his sisters, Dolly Grimm Bacak (Mark) and Susan Grimm (Jeff Glaze), and brother, Martin Grimm (Janice). A celebration of his life was held August 9 in Wilmington, Delaware.

A Scott Grimm Memorial Fund to support future researchers and scientists in the field of medicinal chemistry has been set up at the University of Washington as a permanent recognition of Scott’s legacy, not only as a researcher, but as a friend, mentor, and colleague to many. You may contribute to this fund online using this link: sop.washington.edu/ScottGrimm. Checks payable to: “UW Foundation” may be sent directly to UW School of Pharmacy c/o Claire Forster, 1959 NE Pacific Street, Box 356731, Seattle, WA 98195. Please state “In memory of Scott Grimm” in the memo line.

IN memoriam

Scott W. Grimm

Donna Miles, ’67

At press time we learned Donna Miles had passed away on August 27, 2014. Donna Miles, age 70, was a beloved 5th generation pharmacist and dedicated to her profession. She worked at Pike Market Clinical Pharmacy where she helped the under-served and homeless population. Donna started the area’s first temporary pharmacy and possible designation as clinical and affiliated faculty, which includes access to the Health Sciences Library and its databases. Fifty percent of all preceptor rotations are in community pharmacies and fifty percent are in hospitals and institutions. For more information, please email: OPPE@uw.edu.

We are indebted to our dedicated and wonderful preceptors who are essential to the professional development of our PharmD students. If you want to make a difference in the future of pharmacy, become a UW Pharmacy preceptor.

Benefits include access to online and in-person training, project support from students from the nationally-ranked UW School of Pharmacy, and possible designation as clinical and affiliated faculty, which includes access to the Health Sciences Library and its databases. Fifty percent of all preceptor rotations are in community pharmacies and fifty percent are in hospitals and institutions. For more information, please email: OPPE@uw.edu.

OUR PRECEPTORS CONTRIBUTE TIME AND EXPERTISE, opening their practice to teach and mentor our students. The Wayne A. Kradjan Excellence in Clinical Teaching Award is named for our former Associate Dean, an exemplary clinical teacher and role model and awarded annually to honor one of our preceptors.

John Watkins, ’79, ’93, ’11, was selected as this year’s winner for being an exemplary practitioner, role model, coach, facilitator, and team player for over 20 years. He is recognized as a national leader in managed care and serves as a pharmacy manager at Premera Blue Cross.

“John is well respected nationally for his forward thinking approach to formulary management and learning the nuances of this process from his perspective is an eye-opening experience,” said another student.

Dr. Watkins is instrumental each year in helping our students prepare for the Pharmacy and Therapeutics Formulary Management competition, in addition to his work as preceptor.

John Watkins presents Kradjan Award to John Watkins at Commencement.

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Recognizing the Gift of Time and Expertise: Award for Excellence in Clinical Teaching Goes to Dr. John Watkins

Teresa O’Sullivan presents Kradjan Award to John Watkins at Commencement.
Katterman Lecture and Dean’s Recognition Reception
Museum of Flight, May 15, 2014

ABOVE LEFT: L to R: Katterman Lecturer Commander Dean Goroski, Dean Thomas Baillie. ABOVE RIGHT (From the PharmD class of 2017): Kim Do, Emily Tran, Weize Huang, Linh Truong, Cynthia Chan, Xiaoyan Luo.

Alumni Reception, Northwest Pharmacy Convention
Coeur d’Alene, Idaho
May 31, 2014

RIGHT: Hawaii or Idaho? UW Pharmacy alumni and students gathered for a fun-filled evening.

PORPP Alumni Reception at ISPOR
Montreal, Quebec, June 2, 2014

PORPP alumni from far and wide gathered at McKibbin’s Irish Pub to catch up and have a jolly time. Pictured L to R: Scott Strassels, ’05, Richard Kim, PhD Student, Carrie Bennette, PhD Student, Tracy Yep, ’12, ’14, Nathorn Chaiyakunapruk, ’01, David Smith, ’98
Joy & Elmer Plein Scholars Advance Geriatric Research

JOY AND ELMER PLEIN CREATED A LEGACY by establishing two funds for geriatric pharmacy research: the Elmer Plein Research Fund in Pharmacy and the Plein Endowment for Geriatric Pharmacy Research, in addition to a fund to support faculty development.

The Plein Endowment for Geriatric Pharmacy Research is awarded to students engaged in geriatrics research who hold or are working toward a professional pharmacy degree. The first three recipients of this fund graduated in June.

Focusing on two Puget Sound retirement communities served by Pharmacy Cares, the consulting pharmacy developed by the UW School of Pharmacy, Laura Hart, ’14, examined the residents’ and staff’s perceptions of the professional services provided by pharmacy faculty and students. Hart states, “Carrying out this project furthered my passion for geriatric pharmacy and my aspiration to pursue an academic career.” Hart is now a PGY1 Pharmacy Practice Resident at the VA Puget Sound Health Care System in Seattle.

Ichiko Petrie, ’14, looked for connections between medication regimens and the incidence of falls among residents at an assisted-living facility in Seattle. “It struck closer to home when I heard that my paternal grandmother was at the hospital recovering from a fall accident that injured her knee,” said Ichiko. She presented her findings in a poster at the ASCP Annual Meeting with classmate Tope Osiyemi. An editor of a peer-reviewed journal accepted their manuscript proposal. Petrie is currently working at Genelex as a Graduate Pharmacy Intern.

Katelyn Keyloun, ’14, studied Toxoplasmosis, which has been implicated in memory and behavioral changes in the elderly. Thanks to the Plein Endowment, she was able to create targeted compounds that have little activity against human heart cell lines. “My research took on a new meaning and perspective,” she reflected. Keyloun is the first author of an article in Parasitology and a Senior Fellow in health outcomes and policy development, through a partnership with Allergan and the UW Pharmacy PORPP Program.

“Dr. Plein continues to mentor and inspire! Thank you for this enriching opportunity, personally and professionally,” wrote Keyloun, Petrie, Hart, and Osiyemi.

Apply for Plein Research Funds

The Elmer M. Plein Research Fund in Pharmacy is open to UW School of Pharmacy alumni, current students, faculty, including clinical and affiliate faculty. The fund provides up to $5000 in support for small projects in research and innovative pharmacy practice. Apply by: November 1, 2014. For more information, go to sop.washington.edu/plein
Why the Bad Taste? Dr. Joanne Wang’s Team Finds a Reason

TAKING A MEDICATION AS PRESCRIBED is critical to a drug’s effectiveness. But for some people, taking medications literally turns their stomach—and if a medication leaves a persistently bitter taste, many people, especially children and elderly patients, will take it inconsistently or not at all.

Hundreds of prescription drugs can adversely influence a patient’s sense of taste and smell, says the Physician’s Desk Reference. These adverse effects frequently linger long after a patient consumes the drug, and can significantly affect the patients’ quality of life, dietary choices—even their emotional state.

Very little is known about how drugs are secreted into saliva before they can bind to taste receptors in the mouth, information necessary to counter this effect.

Joanne Wang is a UW professor of pharmaceutics and affiliate investigator at the Fred Hutchinson Cancer Research Center. In the online Journal of Biological Chemistry, Joanne Wang’s research team in the UW School of Pharmacy describe a novel mechanism for active drug accumulation and secretion in salivary gland epithelial cells that leads to the lingering bad taste of metformin, a frontline prescription drug used to treat type 2 diabetes.

“Dr. Wang’s lab has identified a transporter protein in the salivary gland that takes up drug compounds from the circulating blood and transfers them to the saliva they produce, giving us new insight into how certain medications change how foods taste,” said Dr. Richard Okita of the National Institute of General Medical Sciences, which partially funded the research.

The researchers found that metformin was actively transported into salivary glands of mice to levels as high as those seen in the kidney and liver. By contrast, drug accumulation in salivary glands didn’t occur when a specific gene was deleted.

These studies shed new light on the molecular mechanisms behind drug-induced taste disorders and are the first time that the mechanisms have been demonstrated for active drug accumulation and secretion in salivary glands. “Taste of a Pill: Organic Cation Transporter 3 Mediates Metformin Accumulation and Secretion in Salivary Glands” may be viewed online and will be published in the September 26, 2014 print issue of the Journal of Biological Chemistry. This work was supported by National Institutes of Health grants GM066233, GM07750 and HD047892.