Recognizing our Donors

Alumni & Friends Out & About

Studying Microchips
I hope you had a great summer filled with plenty of time in the sunshine (with sunscreen, of course)!

In June, I was honored to attend the Class of 2012 graduation ceremony. While there, I presented the Alumni Professional Excellence Award to Karen Craddick. Karen’s many accomplishments — from her wide-ranging leadership roles to her significant outreach work — have been highlighted in past issues of *Dawg Scripts*. [She is also mentioned in this issue’s cover story, which starts on Page 4]. I was amazed to learn how she and so many of her classmates have already made such an impact on the community and the profession as a whole. Their passion and commitment are inspiring, and I proudly welcomed the members of this class to our Pharmacy Alumni Association.

I’m also proud to tell you about the growth the PAA has been experiencing lately. This past year, we saw an increase in memberships of more than 10 percent! Because of our members’ generosity, we are also in a position to award two scholarships again this academic year. I’m hoping we can make it a tradition to offer two annual scholarships in the years to come. With students taking on a bigger tuition burden every year, these scholarships are an important way to recognize and support their hard work.

We are also planning to grow the PAA Board. In the next few months, we will be introducing several new positions and restructuring the board to maximize your opportunities to become involved! These positions are a great way to make a difference and to stay connected with faculty, students and fellow alumni. What’s more, we are looking at ways to make it easier for members outside the Seattle metropolitan area to participate. A couple of our new board positions will be ideal for our colleagues in other parts of the Pacific Northwest who can only attend one or two PAA functions each year. I’m looking forward to hearing the perspective of UW grads who are practicing elsewhere in the region. Stay tuned for more information about these great opportunities, or email us at rxalumni@uw.edu if you are interested in becoming a PAA board member.

In case you are looking for another way to connect with pharmacy students, the PAA will soon be launching a partnership with the School of Pharmacy to offer mentor “matchmaking.” This new program will offer a formal process to connect current PharmD candidates with a practicing or retired professional whose career path matches their interests. If you are interested in providing your expertise and insight to a future pharmacist who is eager to learn from you, please email rxmentor@uw.edu.

And as always, I would like to invite you to attend one of our many PAA functions. The School of Pharmacy Homecoming event will be held on Friday, October 26th at Ivar’s Salmon House. Last year’s event was a great success and I am looking forward to an even bigger turnout this year. I look forward to meeting you there!

Sincerely,

Jennifer Glasco, ’09
President, Pharmacy Alumni Association
The topic of STEM seems to be coming up in public discourse a lot lately. STEM is an acronym for science, technology, engineering and math. The science part of that acronym is at the core of the School of Pharmacy curriculum. Math and technology are also essential in what we do.

The conversations about STEM focus on the projected shortage of qualified employees to fill the growing number of STEM-related jobs in the coming years. Given this disparity, initiatives have been popping up nationwide to increase the focus on STEM instruction in our schools and to create more STEM-related extracurricular programming.

It’s a wise investment to ensure that future generations can fill the demand for STEM jobs. Beyond that, it’s simply good citizenship for those of us in the STEM fields to share our love for what we do. As a scientist, my own interest in chemistry was kindled by an excellent teacher in high school. For so many of us, it just took one thing — an enthusiastic teacher, a magazine article that caught our imagination, a compelling museum exhibit — and we were hooked.

To that end, I am pleased to share that our faculty, scientists and students have long been involved in programs that try to ignite an excitement for science in young people. In recent years, faculty and students have participated in multiple UW programs geared toward high schoolers. Two such programs, U-DOC and ConneX (Connecting Students with Health Careers), bring underserved students to campus to learn about health careers and life on campus. Another popular program, the UW’s Math Day, gives area high schoolers who are interested in math the chance to learn about how math is used in calculations and dosing in the pharmacy profession.

Many of our graduate students are involved in the award-winning UW chapter of the Society for the Advancement of Chicanos and Native Americans in Science. Among other activities, chapter members mentor Hispanic and Native American high school students and host UW visitation days, providing tours of research labs.

Faculty, staff and students also volunteer throughout the year at science, health and community fairs geared toward K-12 students. Just in the past few months, they’ve staffed a booth at the Pacific Science Center’s Paws-on-Science program and the Seattle Science Festival’s EXPO Day. Visitors to the School’s booth took part in a popular hands-on experiment to explore whether Tums work better when they’re crushed or whole. This fall, we will have a similar booth at a Seattle Girl Scouts expo.

We also offer programs for undergraduate students to explore pharmaceutical research at our School. This summer, undergrads from the UW and other institutions participated in research in several faculty members’ labs. They were here thanks to programs like the Amgen Scholars Program and the McNair Fellowship Program, as well as our School’s own Pharmacological Sciences Summer Diversity Research Program.

I am proud of our School’s devotion to inspiring young people to take an interest in science. Of course, I hope some of these people will one day study at our School and go on to have meaningful careers making a difference for patients. But no matter what, it is nice to know that we are playing a role in helping ensure all young people have as many opportunities as possible to discover their passion.

Sincerely,

Thomas A. Baillie, PhD, DSc
Dean, UW School of Pharmacy

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<th>Upcoming Events</th>
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<td><strong>October 18</strong></td>
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<td>SID NELSON MEMORIAL SYMPOSIUM</td>
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<td>RSVP for this free event by emailing <a href="mailto:rxevents@uw.edu">rxevents@uw.edu</a>.</td>
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| **October 26** |
| SCHOOL OF PHARMACY HOMECOMING |
| 6-9 p.m. |
| Ivar’s Salmon House |
| Seattle |
| For more info, contact (206) 616-7613 or rxevents@uw.edu. |

| **November 2-4** |
| WASHINGTON STATE PHARMACY ASSOCIATION ANNUAL MEETING |
| Great Wolf Lodge |
| Centralia, Wash. |
| For more information, visit the WSPA website at wsparx.org. |

Stay tuned for information about an upcoming Pharmacy Alumni Association happy hour! And if you have an idea for the topic of the spring 2013 Katterman Lecture, please contact us at rxevents@uw.edu.
Pharmacists and brothers Anderson “Andy” Jolly and Orrin Jolly grew up helping in their parents’ small neighborhood pharmacy. Many patients in their agricultural community were farmers. The boys helped stock shelves, fill pill bottles and check inventory at Jolly’s Pharmacy (pictured above). When they weren’t helping at the pharmacy, they were out exploring nearby lakes or mountains.

The Jolly brothers were raised on the small Caribbean island of Dominica (pronounced “Dom-i-NEE-ke”). One of the Lesser Antilles, it is just north of Martinique.

The Commonwealth of Dominica has a population of 71,290 people. Its remote location means there are limited health care resources. As such, Jolly’s Pharmacy has long played a central role in the health care of island residents — offering medication counseling, disease management and more.

So Andy and Orrin grew up seeing pharmacists as important health care providers. They brought this notion with them to the UW School of Pharmacy, where they gained the skills required to become such providers.

Today, both men are following in their parents’ footsteps and acting as a valuable resource for improving health care in their communities.

Andy, ’96, the older brother, returned to Dominica after graduation and helped run Jolly’s Pharmacy until 2000. He helped start the island’s first 24-hour emergency pharmacy service and implemented a shift system so Jolly’s would no longer be closed during lunch. He also helped make it the first fully computerized pharmacy on the island.

Although he loves Dominica and enjoyed returning to work in his family pharmacy, he was ultimately drawn back to Washington state.

“I enjoy practicing in Washington because it is one of the more progressive states in the nation,” he said. “It is on the cutting edge and the technology that has evolved over the last few years has brought us a long way.”

After working for a few years at area pharmacies, he became owner of Ready Meds RX Pharmacy in Renton, which offers a retail and long-term care pharmacy a

Family-Owned Island Pharmacy Leads Brothers on Path to Improve Health Care

One brother now practices in Washington; the other practices back in his homeland. Both credit their parents’ business in Dominica for their love of community pharmacy.
The Center for World-Class Universities at Shanghai Jia Tong University has ranked the UW School of Pharmacy No. 3 in the world in its 2012 Academic Ranking of World Universities.

The Agency for Healthcare Research and Quality awarded a five-year contract to the Pacific Northwest Evidence-based Practice Center (EPC). Through this contract, the EPC is becoming a partnership between Oregon Health & Science University, Spectrum Research, and the UW CHASE Alliance — an alliance that counts our School’s Pharmaceutical Outcomes Research & Policy Program as a key member.

In June, Pharmaceutical Outcomes Research & Policy Program (PORPP) Associate Director Lou Garrison moderated a plenary session at the 17th International Meeting for the International Society for Pharmacoeconomics and Outcomes Research in Washington, D.C. The session focused on best practices for the design, implementation and evaluation of performance-based risk-sharing arrangements.

Mary Hebert, Principal Investigator of the UW Obstetric-Fetal Pharmacology Research Unit (OPRU) and Professor of Pharmacy, was invited to attend August’s Centers for Disease Control (CDC)-sponsored expert meeting “Anthrax: Special Considerations for Pregnant and Postpartum Women.” Data generated from Hebert and her UW OPRU research team is being used to revise the CDC’s national recommendations for bioterrorism preparedness regarding anthrax prophylaxis.

PORPP Professor Dave Veenstra has been appointed to the Institute of Medicine’s Roundtable on Translating Genomic-Based Research for Health. The Roundtable will explore the translation process for genomic medicine, identify challenges at various points, and discuss and promote approaches to address those challenges.

Cathy Yeung, Acting Assistant Professor of Pharmacy, received a Norman S. Coplon Extramural Grant for promising young kidney researchers. She is one of five researchers nationwide to receive a Coplon Grant, one of the nation’s largest private research endowments for research into kidney disease and treatment. Yeung will receive $200,000 for her project, “A genomic approach to understanding uremic toxicity and the association with cardiovascular disease.”

School and Faculty News

The island has a shortage of pharmacists. The pharmacists who are there could benefit from additional clinical training. What’s more, the hospitals on the island could provide better care to their patients if they had help from well-trained clinical pharmacists. So Orrin has been working to start a pharmacist-training program at Dominica State College. As president of the Dominican Pharmaceutical Society, he is also trying to help enact a law to create regulations for the practice of pharmacy.

For his wide-ranging efforts, he has received the 2008 Caribbean Association of Pharmacists Newcomers Trophy and the 2009 Caribbean Pharmacy Youth Leaders Award.

Orrin has also created an advanced pharmacy practice experience for UW students. So far, nine students have completed a rotation at Jolly’s. This

Continued on next page
Brothers Take Path to Improve Health Care  (Continued from page 5)

Past spring, fourth-year students Nicole Campbell and Karen Craddick completed a rotation there.

“The work Orrin is doing in Dominica is impressive,” said Craddick. “He has taken the skills he learned at the School of Pharmacy back to Dominica to help improve health care and change the way pharmacy is practiced there.”

For their rotation project, Campbell and Craddick designed the curriculum for the training program Orrin is creating at the local college.

And the two women learned a lot from Orrin about how to be resourceful in a resource-limited setting. Of course, they also enjoyed the island’s beauty and the kindness of its people.

For Orrin’s part, he said he appreciates the chance to work with the UW students. The students bring a high level of enthusiasm and the expertise needed to help him in his efforts to improve pharmacy practice on the island. And he enjoys passing along his knowledge to future generations, like his parents did with him.

Those parents still work at Jolly’s part-time. And Orrin and Andy now collaborate from across the miles — relying on one another for guidance and insight when issues and questions arise at their respective pharmacies.

They each look forward to seeing what the pharmacy profession has in store in the future. For Andy, that means a hope that pharmacists in the U.S. start getting reimbursed for clinical services and that there will soon be a more level playing field between community and mail-order pharmacy. For Orrin, he hopes more Dominican pharmacists gain the skills to offer clinical services such as blood pressure, diabetes and lipid screening. He also hopes to be successful in changing pharmacy care legislation.

For both men, their goals are driven by a simple desire their parents passed along to them: to serve patients and their community well.
This summer, the Department of Pharmacy welcomed two new faculty members. Amber Glass is a clinical assistant professor and interim director of Community Residency Programs. Shanna O’Connor is an assistant professor and Kelley-Ross Faculty Fellow.

Glass is returning to the School of Pharmacy after several years working in various community pharmacies in independent, clinic and chain settings in Washington.

Glass is a UW graduate, having received her BS in Pharmacy in 1985 and her Master of Public Health in 1993. She joined the UW School of Pharmacy faculty in 1986 and created the Community Pharmacy Residency Program at that time. She ran the program for nine years. During that time, she also served in roles including senior lecturer of pharmacy, associate director of Academic and Student Programs, and director of community practicums.

She has experience providing medication therapy management and clinical pharmacy services. The provision and evaluation of clinical services and their economic value within community practice is her primary research focus. This interest includes all aspects of reimbursement of the pharmacist provider.

Shanna O’Connor was previously a visiting professor at the UNC Eshelman School of Pharmacy at the University of North Carolina-Chapel Hill. She received her PharmD from the University of Wyoming and is a registered pharmacist in North Carolina and Florida.

Her first year of residency focused on ambulatory care at Florida Hospital Celebration Health, where she helped run clinics in medication therapy management, anticoagulation and smoking cessation. Her second year was in community practice with UNC and Kerr Drug in Chapel Hill. She went on to maintain a practice site at Kerr Drug.

Her general research interests include pharmacogenomics, the scholarship of teaching and learning, and transitions of care. While at UNC, Shanna was involved with the use of integrative technology in the classroom and serving as adviser to student groups.

A team of pharmacy students recently placed ninth in the Good Neighbor National Community Pharmacists Association’s (NCPA’s) Pruitt-Schutte Business Plan Competition.

Danielle Beardsley, ’14, Jon Canon, ’14, Nick Clayville, ’14, Craig Knobloch, ’14, Tahlia Aarstad (Luedtke), ’14, and Stephanie Tang, ’15, worked on their plan over the past academic year with Don Downing, Institute for Innovative Pharmacy Practice (“I2P2”) Endowed Professor, as their mentor. Downing co-taught the Principles of Pharmacy Practice Management class in fall quarter 2011 in which several student teams started working on business plans.

For this national NCPA competition, teams submit comprehensive plans proposing to buy an independent pharmacy or develop a new pharmacy. In this case, the UW student team that won the UW school-wide contest and submitted its plan nationally worked with Lafferty’s Pharmacy in Seattle’s Ballard neighborhood. They modeled the pharmacy in their plan after Lafferty’s Pharmacy, owned by Mike Lafferty, ’95.

Lafferty’s is a third-generation, independent pharmacy that has been in business since 1929 and in its current location since 1960. It has long been known for its personalized services and its special niche of providing immunizations and emergency medication kits to shipping companies in Ballard’s port. It is located next to Swedish Hospital-Ballard.

The students’ plan proposed for Lafferty’s to work more closely with the hospital next door and reach out more to the Ballard community to provide new services while expanding the shipping business. The new pharmacy services would include an enhanced retail space, offerings such as medication reviews and travel immunizations, and contracts with nursing homes.

Continued on page 13
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 gave donations to student events between July 1, 2011, and June 30, 2012.

A Special Thank You

The newly remodeled L.D. & Jim Bracken Pharmacy Care Center, the PharmD program’s learning lab, will open fall quarter! We will publish photos in the next Dawg Scripts, or you can visit www.facebook.com/uwsop to see photos and learn more. We would like to thank the following for making this remodel possible:

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- CVS Pharmacy
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The pharmacy at Washington state’s largest nonprofit community health center for Asian and Pacific Islanders is currently being managed by one of our alumni. Alen Chen, ’07, went to work at Seattle’s International Community Health Services (ICHS) because he wanted to work with a community close to his heart. Chen was born in Taiwan.

“In my previous job as a pharmacist, I noticed that our Chinese patients appreciated being able to voice their concerns in their language to me,” he said. “Now at ICHS, I get to provide that comfort to our patients all day.”

After starting as an ICHS pharmacist in 2008, he worked his way toward the pharmacy manager position as a result of improvements he made to operations. Chen improved efficiencies in the pharmacy workflow, cross-trained clinical and outpatient pharmacists and enhanced overall team communication. This led to improved customer service, a better patient experience, and a more positive environment for employees.

Chen credits the Pharmacy Management Certificate he completed at the School of Pharmacy for his success in implementing these changes. He said the certificate helped him understand what drives and sustains a business as well as helping him learn the importance of human resources skills.

Today, all the pharmacists at the clinic are Huskies. They are Jie Chen, ’10, Betty Cheung, ’10, Katy Chiem, ’09, Helen Louie, ’06, and Phong Tran, ’07. These pharmacists, most of whom speak at least one other language, recognize that patients at ICHS rely on them for much more than pharmacy care.

“We are not just educating patients about medications, but rather about the whole health-care system in the United States,” said Chen. “Many of our patients don’t understand how to receive health-care benefits here.”

The team has also implemented new clinical programs for their patients. In recent years, these have included programs on anticoagulation, diabetes prevention and hepatitis education. The pharmacy also offers three clinic days per week for patient appointments in a private clinic room. During those times, pharmacists help patients with any health-care-related questions and needs they might have.

The clinic’s volume has tripled since it started offering these services. And Chen and his fellow pharmacists are enjoying the chance to enhance the patient experience in such meaningful ways.

### Diabetes Care? There’s An App, or Several, for That

While on rotation at the Diabetes Care Center at UW Medical Center this past February, then fourth-year student Paul Tran gave a presentation to the clinic staff about diabetes phone applications (“apps”) for smartphones. To decide which apps to present, he simply searched his iPhone App Store for diabetes apps and downloaded everything that was free.

“I tested each one and picked out the top apps to recommend for data logging, diet applications, insulin calculators, diabetes education, and calorie tracking,” said Tran.

In his presentation, he spoke while showing a video of himself navigating the apps — so the audience members could visualize what he was describing.

His presentation was such a hit that the clinic’s medical director invited him to speak at Endocrine Days in Seattle in May. Endocrine Days is a continuing medical education program for endocrinologists.

“It’s exciting for a student pharmacist to be invited to speak at that kind of medical convention,” said Bridge Endowed Professor and Chair of Pharmacy Peggy Odegard, who was one of Tran’s preceptors at the Diabetes Care Center rotation. “And the presentation certainly warranted such an invitation. Paul did a fabulous job demonstrating how technology can be used to help the entire health care team as we work with patients.”
1950-1959  
**Dick Blakney, ’56,** has enjoyed a long career in health care throughout the world. After pharmacy school, he joined a team to start a small mission hospital in the interior of Sarawak, Borneo, and was the hospital’s pharmacist. While he strayed from pharmacy for a couple of decades, he returned to it with a USAID-funded University of Hawaii team working with the Ministry of Health in Liberia for four years to rehabilitate pharmaceutical and medical supply systems, and then a further four years based in Boston with Management Sciences for Health’s Drug Management Program, working on short-term consultations primarily in African countries.

1970-1979  
For the last 20 years, **Rebecca Cupp, ’78,** has worked in various capacities with The Kroger Co., the last 10 years leading the Pharmacy Department at the Ralphs Division. She represents the American Pharmacists Association on the American Society of Health-System Pharmacists’ Commission on Credentialing. She recently won an Innovative Collaboration Award from the California Department of Managed Health Care and was named a “Top Woman in Grocery” for 2012 by Progressive Grocer magazine.

**Gary Yee, ’77,** is the new President-Elect of the American College of Clinical Pharmacy.

1980-1989  
**Lisa Gaston, ’88,** is currently the manager at both Renton and Factoria’s Group Health Pharmacy Department. She has been there since August of 2009.

**Daniel Kent, ’81, ’06,** has been elected a board member of the American Association of Diabetes Educators.

2010-present  
At the UW School of Pharmacy graduate recognition ceremony in June, **Karen Craddick, ’12,** received the Pharmacy Alumni Association’s Alumni Professional Excellence Award. **Stephanie Friedman, ’12,** received the Faculty Excellence Award.

Let us know what’s new in your life. Please send us an email with updates and photos to rxalumni@uw.edu.

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**Business Plan Contest** (Continued from page 7)

Mike Lafferty was impressed with the final plan. He hopes that a young pharmacist will soon come on board to incorporate some of the plan’s suggestions into his operations. He also enjoyed working with the students.

“The students were very enthusiastic about the business,” he said. “I think one of the most important things they learned from the project was that being a good pharmacist is only half the equation when you’re running a pharmacy. It also requires hard work, innovation, recognizing opportunity and acting on that opportunity.”

Ultimately, the students’ plan impressed the contest judges with its focus on innovation and creating new opportunities. Their plan received high marks for feasibility, originality and creativity.

And for the students, the entire process was a great learning experience.

“I learned that owning a business involves having a vision as well as having good people working with you toward your vision,” said team leader Tahlia Aarstad. “They must also share your desire and willingness to constantly improve on what you have.”

Aarstad and her team members spent hundreds of hours on this project. In addition to receiving mentoring from Lafferty, they benefited from the insight and guidance of Beverly Schaefer, ’70, co-owner of Katterman’s Sand Point Pharmacy, and Steve LeFever from Seattle’s Business Resource Services.

“Independent pharmacy owners from throughout the region have been mentoring students with their business plans since our School first participated in the NCPA competition eight years ago,” said Don Downing. “Our students are very lucky in that way.”

This is the fifth time a team from our School has placed in the top ten of the NCPA Business Plan competition. In 2009, a team from the UW School of Pharmacy won first place nationally.

And if Tahlia Aarstad is any indication, this competition is having the desired effect for the NCPA. The contest is intended to encourage more pharmacy students to consider a career in independent pharmacy.

“I currently am an intern at an independent community pharmacy, and after competing in this competition I know that that is where my heart is,” said Aarstad.
Pharmacy Alumni and Friends: Out and About

Annual Katterman Lecture and Reception
UW Foege Building, May 8

LEFT: From left: Assistant Dean for Advancement Claire Forster, Beverly Schaefer, ’70, (who was on the Katterman Lecture panel), and Chair of Pharmacy Peggy Odegard. RIGHT: Brent Leithauser, ’11, moderated the lecture, which was called “Demonstrating Impact: Making the Case for Pharmacy Services.”

ISPOR International Meeting
Washington, D.C., June 3

Adjoint Professor of Pharmacy Donald Patrick, center, received the Avedis Donabedian Outcomes Research Lifetime Achievement Award from the International Society for Pharmacoeconomics & Outcomes Research. Faculty members Scott Ramsey, left, and Sean Sullivan, right, presented the award.

Town Hall with U.S. Surgeon General
Seattle Town Hall, June 14

Surgeon General Regina Benjamin, center, recently came to Seattle for a Youth and Tobacco Town Hall. I2P2 Endowed Professor Don Downing, left, and Sara McElroy, ’12, met Dr. Benjamin at an invite-only reception after the event.

President’s Club Reception
UW Sylvan Grove Theater, July 26

Ray Wilson, ’69, and Cheryl Wright-Wilson.

Dean’s Club Night at the Mariners
Safeco Field, July 24

In Memoriam

Ken Hedden, ’50, was born in 1924 in Tacoma to Benjamin and Alice Hedden. He grew up in the Edgewood area, graduating from Sumner High School in 1942. He then went to the UW, graduating with a BS in pharmacy in 1950.

Ken married Barbara Sweet in 1951 in Fife, Wash., and they lived in Palmer, Alaska from 1951 to 1953. In 1953, they moved to Tenino, Wash., to establish Hedden’s Pharmacy and to raise their family.

Ken loved his family, rock hounding, gardening, wood carving, fishing, wine making and bowling. He served on the Tenino Town Council and as the mayor of Tenino. He was a past master of the Tenino Masonic Lodge and past patron of Alice Chapter, Order of Eastern Star. He was a past president of the Tenino Rock Cruisers, Tenino Lions Club and the Tenino Wooden Money Club. He was a member of the South Thurston County Historical Society, Olympia Elks Lodge, Scottish Rite and Affii Shrine.

Under his leadership and with the help of others, the railroad depot made of Tenino sandstone was moved and became the Tenino Depot Museum. He also worked to increase the size of the Tenino City Park to create baseball fields and add playground equipment.

Surviving Ken are his wife, Barbara, sons Dale and Brian, daughters Shirley, Janet and Carol, six grandchildren and one great-grandchild. Ken was preceded in death by his brother, Willard Hedden.

William Richard “Dick” Jackman, ’50, passed away peacefully on June 25 in Seattle at the age of 85. He was born in Chilliwack, British Columbia. Dick graduated from Lincoln High School in Seattle. He then served in the Navy as a Pharmacist’s Mate/Corpsman at Balboa Hospital in San Diego, caring for wounded seamen near the close of World War II.

After his service, he attended the UW and graduated with a Bachelor of Science in pharmacy in 1950. In 1950, he also married the love of his life, Colleen, on St. Patrick’s Day.

He began work at Craigen Pharmacy in Seattle, then partnered with Dave Richardson, ’50, to open North Roosevelt Pharmacy in the Maple Leaf area. He became sole owner in 1973 and continued to run North Roosevelt (now Maple Leaf Pharmacy) until 1990. He was an earnest health care provider, beloved by customers and employees. He often would get up in the middle of the night to deliver needed medications in an emergency. He was a clinical affiliate faculty member of the UW and an active member of the Washington State Pharmacy Association.

Dick was involved with the Boy Scouts in View Ridge in the 1960s, where three of his sons attained the rank of Eagle Scout. He was an enthusiastic supporter of the UW Rowing program, in which four of his children participated as students.

He is survived by his wife of 62 years, Colleen, his children Robert, Richard, Ronald, Jeanelle Lund, ’85, William Jr., and five grandchildren.

Hatam Shafeean, ’99, died May 18 from a massive heart attack at age 53.

As a young man in Iran, he aspired to be a journalist, but his outspoken views got him into trouble with the government. He escaped by traveling across Pakistan, living for a time in Spain. There he learned to speak Spanish. In 1983, he immigrated to the United States, seeking political asylum.

He settled in the Seattle area, married and two sons soon followed. For a few years, he supported his family by working low-paying jobs, including as a foreman at a cardboard box factory. He dreamed of more for himself and his family.

He went to Shoreline Community College and in 1999, graduated from the UW.

After working at various drugstore pharmacies, Hatam opened a tiny pharmacy in 2005 in a strip mall. He called it Shiraz Specialty Pharmacy, after his home region in Iran. He hired employees who speak Russian and Spanish as well as English. Hatam also worked with Farsi-speaking customers.

That small strip mall pharmacy has grown, taking over neighboring space that used to be a tavern. Hatam’s business thrived serving long-term care patients.

He strived for a personal touch with customers. If someone needed medication and the pharmacy was closed, he would come in after hours. He also gave away some services and medications.

His sons and employees intend to carry on the business.

—excerpted from the Everett Herald

Mark Shigihara, ’82, one of the winners of the UW School of Pharmacy 2012 Wayne A. Kradjan Excellence in Clinical Teaching Award, passed away on April 21.

Mark was an affiliate assistant professor at the UW School of Pharmacy and an institutional account specialist at Pfizer. His specialty was evidence-based medicine review. As a UW affiliate faculty member, he was devoted to the students he mentored. Many UW pharmacy students had the opportunity to learn from Mark throughout the past 20 years.

He had documented his three-plus year journey as a survivor of stage 4 cancer in his book Living Lessons, co-written by Kim Erickson. The book mapped his patient-focused integrative therapy and his focus on family, faith and keeping a positive attitude.
Seattle researchers — including four from the School of Pharmacy — will be part of the new federal initiative to engineer 3-dimensional chips containing living cells and tissues that imitate the structure and function of human organs. These tissue chips will be used for drug safety testing.

Tissue chips combine miniature models of living organ tissues onto a transparent microchip. The chips are lined with living cells and contain features designed to replicate the complex biological function of a specific organ.

The Seattle team will design, implement and test a tissue-engineered human kidney microphysiological system. The team consists of researchers from the UW Schools of Pharmacy, Medicine, Public Health and the College of Engineering. Pharmaceutics faculty members Edward Kelly, Danny Shen, Ken Thummel and Joanne Wang are among the researchers.

The UW received $1,932,169 in funding for a period of two years. Overall, the national initiative is budgeted at $70 million per year.

An example of an organ on a chip, in this case, a lung. Image: The Wyss Institute

This project is one of 17 nationwide funded in a recent round of awards from the new National Center for Advancing Translational Sciences of the NIH. This grant program is a collaboration with the Defense Advanced Research Projects Agency and the U.S. Food and Drug Administration.

The goal is to develop human tissue chips that simulate the structure and function of human organs, such as the lung, heart, liver, intestine and kidneys. Scientists could then use these tissue chips to test drug candidates and predict their disposition and safety before the next step, human drug studies. This approach is expected to be more rapid and cost effective than those currently available.

The NIH pointed to studies that show that more than 30 percent of promising medications have failed in human clinical trials because the drugs were found to be toxic, despite preclinical studies in animal models. Tissue chips may offer more accurate predictions of the side effects of potential therapeutic agents because they contain human cells.

This piece is excerpted from a UW Today article by Leila Gray.