

DAWG SCRIPTS

UNIVERSITY OF WASHINGTON
PHARMACY ALUMNI ASSOCIATION AND SCHOOL OF PHARMACY NEWS

SPRING 2009



Hollie Weeks, left, and Eileen Morgenstern, Bellegrove's pharmacy technicians in Mattawa, Wash., demonstrate the patient-counseling video monitor and private internet phone at their telepharmacy. Here, Mattawa's technicians and patients can talk to Bellegrove pharmacists — who communicate with them from a private room on the other line (Courtesy of *South County Sun*).

Reaching Out Through Technology

For people living in rural communities, access to a pharmacist and pharmacy services can be hard to find.

Take the towns of Mattawa and Royal City in central Washington. Both have populations of fewer than 3,000 people. Until last year, residents had to drive

more than 60 miles roundtrip to pick up their medications. Their decisions about whether to fill their prescriptions became complicated by issues such as transportation access, fuel cost and time.

Today, that has changed. Thanks to the efforts of UW alumnus Steve Singer, '81, chief operating officer of Bellegrove Pharmacy in Bellevue (which is owned

by UW alumnus Mark Holzemer, '73), residents can now drive just a few miles to get access to pharmacy services.

Bellegrove implemented telepharmacies at the Mattawa Clinic and Wenatchee Valley Medical's Royal City Clinic in 2008.

Many small towns have seen pharmacies shut down in recent years. Telepharmacies can be just the solution.

A telepharmacy is a service in which pharmacists at a primary location — in this case, Bellegrove — use telecommunication technology to oversee pharmacy operations and provide patient services to remote sites.

Essentially, pharmacists at the main location talk with technicians and patients at the remote sites via the internet.

The technicians fax prescriptions and insurance information to the pharmacists

Remembering George Bartell Jr.

On Jan. 21, the pharmacy community lost a major figure. George Bartell Jr., '53, died after a short bout with pneumonia. He was 92.

Bartell was the chairman and chief executive officer of the Bartell Drug Company for 44 years. He was the only son of George Sr., who founded the company in 1890.

The legacy Bartell Jr. left behind can be seen in corner drugstores throughout the region today. In his time with the company, he helped expand its presence from a handful of stores in King County to more than 50 stores in King, Snohomish and Pierce Counties.



George Bartell Jr. (Courtesy of Bartell Drug Co.)

live. They wanted the younger Bartell to learn the family business before Bartell Sr. passed away.

As it turned out, his father actually lived for 20 more years. Nevertheless,

Bartell's educational path at the UW was nontraditional, to say the least. He started as a freshman in 1934, but had to drop out a year later when his family was told his father had only a few months to

live. They wanted the younger Bartell to learn the family business before Bartell Sr. passed away.

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PRESIDENT'S MESSAGE



Welcome to the spring edition of *Dawg Scripts*. As we anticipate the upcoming graduation of this year's Pharm.D. and Ph.D. candidates, we look forward to welcoming them to our profession. We also hope they will soon become the Pharmacy Alumni Association's newest members!

If last month's Katterman Lecture was any indication, the current group of students is as enthusiastic as previous classes. They were out in full force at the lecture and reception, providing alumni with updates about life at the School these days. The event itself — which featured four pharmacy professors talking about hot practice topics —

was a success, drawing more than 150 attendees.

While it was great to network with old friends and new acquaintances at the reception, there was one less-than-pleasant topic circling the room in many conversations: the economy. Although our profession has not been as hard hit by the recession as others, these are still scary times for all of us.

For me, this just reiterates the importance of being involved in organizations such as the PAA. When times are tough, it becomes more essential to stay connected with people in your profession, to take advantage of educational opportunities and sometimes just to have other practitioners to talk shop with on Facebook. (To join PAA's group, search for "UW Pharmacy Alumni Association" under groups). And don't forget that the PAA also provides a job-posting page for alumni. Visit it at depts.washington.edu/rxalumni/jobs.html.

All of us on the PAA board are continuing our hard work to enhance the organization's services for alumni and students. I am especially excited that we will be offering a merit-based scholarship to at least one Pharm.D. student this fall.

It will be our first such scholarship, and we hope to provide many more in the future. With looming tuition increases, the need for this kind of assistance will only grow. So if you haven't had the chance to make a gift to the PAA, you can do so when you join the association or renew your membership.

To those of you who have renewed your membership and given a gift, thank you. Your scholarship support provides valuable assistance to future generations of pharmacists.

As always, if you have any other ideas for how the PAA can better serve you or if you have questions for us, please e-mail us at rxalumni@u.washington.edu.

Ben Michaels, '97
 President, Pharmacy Alumni Association

Upcoming School of Pharmacy and Industry Events

June 21-24
**American Association of
 Pharmaceutical Scientists
 Biotechnology Conference**
 Washington State
 Convention and Trade
 Center, Seattle
 Information: www.aapspharmaceutica.com

June 26-27
**The Conference on
 Biosimilars at the UW**
 UW Tower
 Seattle
 Information: depts.washington.edu/uwconf/biosimilars

August 7
**Annual Dean's Club Night
 at the Mariners**
 Seattle Mariners vs. Tampa
 Bay Rays
 Safeco Field
 Seattle
 Limited invitation event

October 24
PAA Homecoming Lunch
 UW Huskies vs. University
 of Oregon Ducks
 UW campus
 Seattle
 Invitations to follow

Please e-mail rxalumni@u.washington.edu for questions about any of these events.

MESSAGE FROM THE DEAN



Six months into my time as dean of the School of Pharmacy, I am still very much enjoying reacquainting myself with life in Seattle and at the University of Washington.

I am also enjoying the opportunities I've had to meet alumni and friends of the School. While attending events such as the Katterman Lecture and the Dean's Recognition Reception,

I've witnessed the unique bond that

our alumni share with one another, our faculty members and with the School.

While visiting local pharmacies, I've met alumni who are not only thriving in their field but who are also working on the kind of groundbreaking programs that put pharmacy at the forefront of health care innovation. The programs being implemented at Bellegrove Pharmacy are a prime example, and you can read about them on the front page of this *Dawg Scripts*.

Finally, while meeting with leaders from biotechnology and pharmaceutical companies, I've been pleased to discover the high value that many thought leaders place on their collaborative relationship with the School. I've also been encouraged to learn of the many industry partners who are eager to engage with our School by providing internship and research opportunities for our graduate students.

All of this has reinforced to me just what a special place this School is. It deserves its reputation as a place that provides the highest quality education to its students; prepares new generations of leaders in pharmacy practice and pharmaceutical research; and conducts pioneering scientific studies that enhance knowledge about drug discovery and safety.

Maintaining this reputation has become more challenging in the current economic climate, however. While we remain

dedicated to making this School and its programs great, we are nevertheless hindered by the steep budget cuts currently hitting higher education.

So it goes without saying that support from our alumni and friends remains critical at this time. Specifically, gifts to the School of Pharmacy's discretionary funds — such as the Dean's Fund for Excellence and the individual departments' discretionary funds — give us the flexibility to provide support to the School's most-pressing needs. In particular, student scholarships are a vital issue; the Dean's Fund will serve as a key safety net to help offset losses to scholarship support.

For our part, we continue to work to increase efficiencies, avoid unnecessary costs and identify new revenue sources. We are also advocating strongly on behalf of the School of Pharmacy to UW leadership and to the Washington State Legislature.

Through all of this, several bright spots remain. For the first time this year, we've had corporate sponsorships for some of our educational-outreach and alumni events. Our faculty keep engaging in the kind of important research that positions them for increased grant support. (Read more about this on Page 12.) And our students frequently receive honors that highlight the strength of our programs to people throughout the UW and academic and industry associations.

We feel confident that we will come out on the other side of this economic crisis even stronger. For the role that you play in helping us through this time, I offer my heartfelt thanks.

Sincerely,

Dr. Thomas A. Baillie
Dean

Congratulations Herb Tsuchiya, '55, Distinguished Alumnus in Pharmacy Practice

Prior to his retirement, Herbert Minoru Tsuchiya was a Seattle pharmacist for more than 50 years — almost 30 of which as owner, manager and preceptor at Genesee Street Pharmacy.

His professional experience also included working as a manager at Columbia Health Center Pharmacy and Rainier Park Medical Clinic. In these roles, he worked with underserved populations, including children and low-income individuals.

Tsuchiya's professional honors are wide-ranging. He has received an A.H. Robins/Wyeth Bowl of Hygeia Award and a Seattle Mayor's Small Business Award.

Community involvement has been an important part of Tsuchiya's life. For more than 15 years, he volunteered at the Rainier Vista Clinic Pharmacy doing drug-inventory management and helping to locate low-cost drugs. In 1991, he co-founded the Seattle Walk for Rice, a fundraiser for the Asian

Counseling and Referral Service food bank. His extensive volunteerism has garnered him the Organization of Chinese Americans Golden Circle Award and the Seattle Mayor's End Hunger Award.

Last year, in honor of his wife, Tsuchiya created the Herbert and Bertha Tsuchiya Endowed Student Support Fund for Global Research. This fund will support UW pharmacy students seeking exchange opportunities to broaden their educations.

For his devotion to the practice of pharmacy, his extensive community outreach and his efforts on behalf of global pharmacy, the School has given Tsuchiya the 2008 Distinguished Alumnus Award for Excellence in Pharmacy Practice.



Herb Tsuchiya (Photo by Yuen Lui Studio)

Remembering George Bartell Jr. (Continued from front page)

Bartell stayed on with the company. He started in the warehouse and later worked as an assistant store manager and even a purchaser of candy and tobacco. In 1939, he became the president of the company.

In 1951, the Washington State Legislature passed a bill requiring all retail drug companies to be run by a licensed pharmacist. If Bartell didn't go back to school, his family would have to sell the business when his father died.

So he enrolled in the UW and earned his bachelor of pharmacy in three years. He graduated with honors and maintained a keen academic interest in the practice and history of pharmacy throughout his life.

According to his son George D., "he was fascinated by the development over the years from compounding to the packaged goods we have today; from prescriptions pasted in a big ledger to computers."

He also was devoted to running a reputable and solid business.

"He believed our customers came

first and that his employees should be treated with kindness and respect," wrote George D. and daughter, Jean, in the program for his memorial service.



George H. with son George D., the current CEO of Bartell Drug Co., outside Seattle's Wallingford store in the 1980s (Courtesy of Bartell Drug Co.)

Countless alumni of the School have been among those employees. Further, innumerable UW pharmacy students have been preceptored and trained at Bartell Drug Stores throughout the years.

The nation's oldest family-owned drugstore, Bartell Drugs reminds many people in the Pacific Northwest of the time when local, neighborhood pharma-

cies were a central part of most communities. Indeed, after the *Seattle P-I* and *Times* published memorials of Bartell Jr., multiple online readers posted comments praising the regional business.

"The Bartell family should be congratulated for their legacy to the Puget Sound area," wrote one commenter. "They join Ivar Haglund, the McLendon hardware group, and others who kept their businesses local and created a solid, reliable resource for all of us. I hope Bartells continues to be an important part of the Northwest for many more years."

Bartell Jr. received the UW School of Pharmacy's Distinguished Alumnus Award for Excellence in Pharmacy Practice in 1995.

He is survived by his son George D. (current chairman and CEO of Bartell Drugs), daughter, Jean Bartell Barber (vice chairman and treasurer of Bartell Drugs), son Robert, and seven grandchildren. He is preceded in death by his wife of 54 years, Elizabeth.

Preceptors Needed

In response to new Accreditation Council for Pharmacy Education standards, the School is expanding its Introductory Pharmacy Practice Experience (IPPE) program for students. IPPE now places first- and second-year students in both community and hospital pharmacy practice sites to learn basic skills. Spending time in these settings better prepares students for fourth-year rotations.

Jennifer Danielson, Pharm.D., is the IPPE director. She previously coordinated an experiential program at the University of Colorado. Monica Sahn, IPPE coordinator, previously worked in the UW Undergraduate Admissions Office.

They are conducting site visits at pharmacies throughout the Puget Sound region. If your pharmacy is interested in participating, please contact Jennifer at jendan@u.washington.edu or (206) 543-1924, or Monica at msahn@u.washington.edu or (206) 543-9427.

IPPE is currently seeking preceptors at all levels.

School and Faculty News

Lingtak-Neander Chan, associate professor of pharmacy, was invited by the Hong Kong Hospital Authority to conduct a week-long advanced clinical workshop in critical care pharmacotherapy and clinical nutrition. More than 120 pharmacists, nurses and physicians participated in the program, which took place in January.

Lou Garrison, associate director of the Pharmaceutical Outcomes Research and Policy Program, was invited to speak at the 2009 National Policy Forum held by America's Health Insurance Plans in March in Washington, D.C.

Rodney Ho, Milo Gibaldi endowed professor in the Department of Pharmaceutics, received the 2009 Paul Dawson Biotechnology Award from the American Association of Colleges of Pharmacy. The award recognizes

active scientists in pharmacy education who are leaders in the contemporary teaching of and scholarship in biotechnology.

John Horn, professor of pharmacy, and **Philip Hansten**, professor emeritus of pharmacy, published the 2009 edition of their book, *The Top 100 Drug Interactions*. It features more than 3,900 drug pairs that may cause clinically important interactions.

Annie Lam, senior lecturer in pharmacy, presented two posters at the annual meeting of the American Pharmacists Association in April. The poster about the UW's medication-therapy-management



Annie Lam

Continued on next page



Tom Kalthorn



Rick Carlson

School Mourns Loss of Tom Kalthorn, Rick Carlson

Tom Kalthorn, research scientist in the Mass Spectrometry Center, died unexpectedly on March 2 after suffering an epileptic seizure.

Tom received his B.A. in chemistry and political science from Grinnell College in Iowa and did some graduate work in chemistry at the University of Kansas.

His career with the UW began in 1983. He worked in the School's Department of Pharmaceutics as a research technician and lecturer until 2003, when he became research scientist.

Some of Tom's contributions to the

Continued on Page 10

Spotlight On: The Mass Spectrometry Center

Mass spectrometry is an analytical technique that determines the elemental composition of molecules, elucidates their chemical structures, and quantifies their components. Put simply, mass spectrometers are instruments that identify chemicals by their mass and charge.

The center, based in the Department of Medicinal Chemistry, has been around since 1981. It has nine machines with a net worth of more than \$5 million.

A vast array of research is being conducted at the center at any given time. For example, School faculty and graduate students are currently relying on the Mass Spectrometry Center to: assess global profiles of protein levels for the NW Regional Center of Excellence for Biodefense and Emerging Infectious Diseases; study androgen-receptors related to prostate growth and cancer; and research parallel-peptide mass spectrometry related to brain tumors.

The center provides services to investigators from UW, as well as to investigators from academic, commercial and governmental institutions located throughout the region, nation and world on a fee-per-use basis. It also trains graduate students as operators, enabling them to set up the instruments used in their research.

One of its most colorful claims to fame? In the aftermath of 1999's World Trade Organization riots in Seattle, the center was asked to carry out the mass-spectral analysis on material found in empty tear gas canisters used by the Seattle Police and residues found in the streets to identify the source of the munitions.

To support the School's Mass Spectrometry Center, donate to the William Howald Mass Spectrometry Support Fund or the William N. Howald Mass Spectrometry Endowed Student Support Fund at www.pharmacy.washington.edu/support. Learn more about the center at depts.washington.edu/medchem/msc.

School and Faculty News (Continued)

program was co-authored by Associate Professor of Pharmacy Peggy Odegard, Professor of Pharmacy Jackie Gardner and Pharm.D. candidate Madhu Panchapagesan, '10.

Dr. Kelly Lee has joined the Department of Medicinal Chemistry as assistant professor. Lee comes to UW from The Scripps Research Institute in San Diego, where he performed post-doctoral work at the Department of Molecular Biology. He has a degree in physics from Harvard University, and a Ph.D. in biophysics from Johns Hopkins University. Lee's postdoctoral work involved biophysical studies of conformational



Dr. Kelly Lee

dynamics in viruses.

The research that Associate Professor of Pharmaceutics **Qingcheng Mao** and postdoctoral fellow **Zhanglin Ni** have been helping undergraduate student Michelle Mark conduct has garnered a UW Mary Gates Research Scholarship for Mark.

Peggy Odegard, associate professor of pharmacy, is the recipient of the Rho Chi Alumni Award for the 2007-'08 academic year. The award is given for demonstrated intellectual leadership and career excellence.

Chair of Medicinal Chemistry **Allan Rettie**, Associate Professor of Pharmacy **David Veenstra** and **Lisa Meckley, Ph.D., '08**, joined more than 20 scientific teams in nine countries to collaborate on a large-scale study recently published in the *New England Journal of Medicine*. The study's findings showed

that including genetic information in a patient's clinical profile might help determine the optimal starting dose of warfarin. Rettie, Veenstra, Meckley and the UW School of Medicine's Mark Rieder contributed data and helped interpret the data analysis for the study.

Dr. Jie Xing has joined the Department of Medicinal Chemistry as a visiting scholar from China. Xing is working in Dr. Dave Goodlett's lab through a one-year award from the China Scholarship Council. She is currently an associate professor at the Shandong University School of Pharmacy in the city of Jinan.

For school and faculty news you may have missed in the first ever School of Pharmacy E-Newsletter (launched in February), visit: www.washington.edu/alumni/partnerships/pharmacy/200902

Student News



Rafael Alfonso

Rafael Alfonso, Ph.D. candidate in the Pharmaceutical Outcomes Research and Policy Program, received a \$30,000 UW Magnuson Scholarship for his academic performance and his potential contributions to research in the health sciences.

Jessica Chao, '10, **Erin Cutter**, '10, **Shannon Duke**, '10, and **Ellen Smith**, '10, won the national Pharmacy and Therapeutics Competition at the Academy of Managed Care Pharmacy Annual Meeting in Orlando, Fla., in April.

Joanna Ho, '09, a pharmacy student who is also enrolled in the Plein Certificate Program in Geriatric Pharmacy,

received a scholarship from the UW Retirement Association.

Jennifer Kim, '12, **Angela Lam**, '10, **Allison Pham**, '10, and **Jenni Yea**, '10, presented the poster "ASCP Student Chapter: An Ongoing Mission to Reach for Excellence" at the American Society of Consultant Pharmacists 39th Annual meeting in New Orleans in November.

The UW chapter of **Kappa Psi — Beta Omicron** — hosted the Province X assembly in Seattle in February. Three students sat on the executive board for the meeting — **Rachael Forster**, '10, **Bao-Linh Nguyen**, '10, and **Skyler York**, '11. **Rachael Forster** and **Harry Shin**, '12, were elected officers for the year.

At the American Pharmacists Association's (APhA's) annual meeting in San Antonio in April: **the UW student**

chapter of APhA-Academy of Student Pharmacists won the divisional runner-up award; **Abby Frye** and **Kim Moody's** proposal won a Project CHANCE grant award; and a project led by **Abby Frye** and **Luis Ramos** won the Phi Lambda Sigma Leadership Challenge. All these students are in the Class of 2010.



First-year pharmacy student members of Beta Omicron socialize at the Province X assembly.

Reaching Out Through Technology (Continued from front page)

at Bellegrave. In turn, the pharmacists provide approval and instructions for the technicians to fill the prescriptions using prepackaged medications that they have onsite. If the medications aren't available at Mattawa or Royal City, Bellegrave generally sends them within 24 hours.

The response has been positive, said Bellegrave pharmacist Jessica Oftebro, who serves those remote sites.

"People like having immediate access to their medicine and pharmacist," she said. "It saves them time, money and peace of mind — especially for acute situations, such as a sick child, an allergic reaction or an asthma attack."

This all translates to better health outcomes, which is exactly what Singer envisioned. He initially became interested in telepharmacies, in part, to reach out to underserved communities.

"As we all know, there is a financial burden in running a community pharmacy," Singer said.

In sparsely populated areas, the burden is even greater. Many small towns have seen their community pharmacies shut down in recent years. Telepharmacies can be just the solution. They cost less to run, but they still provide reliable,

local access to pharmacy services.

Bellegrave has been in the telepharmacy business since 2006. That year, it opened a pilot program at the clinic on the Stillaguamish Indian Reservation near Arlington, Wash.



Singer (Courtesy of South County Sun)

Telepharmacies can create better health outcomes, which is exactly what Steve Singer envisioned.

Getting the Stillaguamish telepharmacy started took significant effort. At the time, no other retail telepharmacies existed in the state. So Singer and his colleagues spent more than six months working with the state Board of Pharmacy to certify the operation.

They got the green light with the stipulation that they report back on their progress after a year. Based on the program's success, it has continued.

A growing number of pharmacies nationwide are starting such programs.

North Dakota has been a trailblazer in demonstrating telepharmacies' benefits. In 2001, lawmakers in that state passed legislation to create the North Dakota Telepharmacy Project after dozens of its rural pharmacies had closed.

What began with 10 telepharmacy sites in North Dakota in 2002 has grown to 72, according to North Dakota State University. Further, approximately 40,000 rural citizens have had pharmacy services restored, retained or established.

Bellegrave seeks to continue playing a part in restoring these services to remote areas throughout Washington — with plans to open additional telepharmacies in the future.

Such efforts would not be possible, Singer said, without a committed staff working together as a team.

"Our staff is crucial in our success," he said. "The technical staff must be dedicated to the community and the pharmacy. They must be detail-oriented and able to work without a pharmacist standing next to them. The pharmacist must be comfortable with electronic supervision of the staff and open to a different type of practice and the challenges it presents."

Student Creates Medication-Safety Project in Uganda



Meg Melchior has fond memories of forming friendships with people throughout the villages she volunteered in and visited in Uganda.

Last summer, when Meg Melchior, '09, arrived at the small clinic in the Ugandan village of Ibulanku, she discovered medications were being dispensed in small white paper envelopes with cryptic numerical instructions.

When the 25-year-old pharmacy student asked about an envelope with "1x3" written on it, for example, the nurses told her it could mean either "take one tab every three hours," or "take one tab three times a day."

The inventory system at the clinic was also followed loosely. Nurses often relied on memory for record-keeping.

Melchior, therefore, spent her summer working with the clinic's health providers to better organize its pharmacy. She produced a guide for the clinic that

covered topics such as medication safety and prescription labeling.

She did all this through the Uganda Village Project (UVP), an organization founded by the International Federation of Medical Students' Associations that sends students to Uganda to participate in health care service projects. While in Africa, Melchior also collaborated with a team of students on projects focusing on dental care, eye care and nutrition.

The pharmacy project was the first such project that UVP had implemented.

"The UVP director asked me to lead a pharmacy project, as the health care team had never done that kind of work," she said. "I was thrilled to do so."

Her goals for the project were threefold — to promote that all medications be clearly labeled and explained; make sure patients are educated properly on diagnoses, disease states and treatments; and provide clinic staff with the basic facts about common medications.

Ensuring people were informed was especially important given some of the cultural notions in Uganda. Melchior learned that some Ugandans don't trust Western medicine. Others believe that any pill is the answer to any sickness.

For her part, she tried to make the case that drug safety and adherence could help the villagers live healthier lives. One topic that generally met with a receptive ear was malaria. In 2006, the disease in-

flicted more than one third of the country's population, according to the World Health Organization.

People listened when Melchior explained that people with malaria who go to the clinic, receive their anti-malarials and take them appropriately have a better likelihood of survival.

This dialogue opened the doors for her to talk about drug safety in general.

While the training and resources she provided were a great start, she knows change takes time. That is why she helped the clinicians and community leaders set long-term goals to maintain the changes.

"Often, medical relief just serves as a Band-Aid that seems to temporarily solve problems," said Melchior. "UVP makes sustainable changes by empowering community health care providers and leaders in the long term."

Further, she created goals for the next team of UVP students to carry on her work. In fact, her work could even lay the framework for UVP to implement similar programs in community clinics throughout Uganda.

She plans to return to Uganda after her residency in 2010 to help UVP try to make this happen. Not only does Melchior hope this will set the stage for a career in international pharmacy, but she also hopes it will allow her to reconnect with the Ugandan people she befriended. They were, she said, kind and hospitable.

Gifts Have Far-Reaching Impact

When the UW's Faculty-Staff-Retiree Campaign for Students — in which the university matched gifts of between \$5,000 and \$10,000 — ended in December, it had raised more than \$6.8 million.

Joy Plein, professor of pharmacy, was one campaign contributor. She created the Nanci Murphy and Karan Dawson Endowed Fund (named after two long-time pharmacy faculty members) to support the School's Center for Leadership and Professional Excellence. The Center's goals include helping students provide health services in underserved areas and providing support for students presenting

research at national meetings.

Courtney McDermott, '10, has already benefited from Plein's fund. In 2008, it helped her pay for trips to Costa Rica and Panama, where she worked with local health care teams as a student and teacher, instructing students in how to read prescriptions, calculate dosing and counsel patients in rural areas.

"I left with a profound feeling that I helped, and I gained a great appreciation for the ability of health care to improve the lives of others," she said.

To support the Murphy and Dawson Endowed Fund, visit www.pharmacy.washington.edu/support.



Courtney McDermott hugs a boy in Costa Rica who was treated at a child wellness clinic. Children with nutrition issues were given vitamins and treated for intestinal parasites.

This piece was adapted from an article by Bob Roseth that originally appeared in University Week.

Pharmacy Alumni and Friends: Out and About

Pharmacy Alumni Association Homecoming 2008

The 2008 Pharmacy Alumni Association Homecoming Brunch gave alumni the chance to catch up with old friends and meet the School's new dean, Dr. Thomas A. Baillie. Although the Huskies suffered another defeat — against the Oregon State University Beavers — it was nevertheless a beautiful day to return to campus.



LEFT: From left: Marlene Lomax, Jan Anderson, Jean McLauchlan (Hanson), '54, Alan Lomax, '56, and Pat Tanac (Hornall), '45. **ABOVE RIGHT:** Beth Arnold (Walter), '06, Darcey Michaels with husband, PAA President Ben Michaels, '97, PAA President-Elect Jenny Arnold (Riddell), '06, and her husband, Michael Arnold. **RIGHT:** From left: Carson Huntoon, '07, fiancée Angie Oberg, Rhea Smith (Coquia), '07, with husband Jared Smith, '04, and Jeff Rochon, '99



UW Pharmacy Career & Residency Information Day



Each fall, recruiters from throughout the pharmacy community come to campus to meet and interview Pharm.D. students for jobs and internships. More than 100 recruiters were on hand and more than 150 students attended the October event.



ABOVE LEFT: Walgreens representatives gave the School a \$10,000 gift to aid efforts to increase diversity among student pharmacists. From left are: Thanh Nguyen, '00, and Brian Choi of Walgreens, Dean Thomas A. Baillie, Assistant Director of Advancement Maria Tran and Daiana Huyen of Walgreens. **LEFT:** Paul Yoon, pharmacy recruiter for the Seattle division of Safeway, spoke with Dean Baillie and Maria Tran in the exhibit hall.

Join the UW School of Pharmacy's E-Community



In an effort to use less paper and minimize our print-production expenses, the School recently launched an E-newsletter! Please sign up to start seeing this and other e-communications in your inbox. Visit www.pharmacy.washington.edu, click on the "Going Green" icon, and kindly provide us with your e-mail address. And if you missed the first E-newsletter, you can see it at:

www.washington.edu/alumni/partnership/pharmacy/200902

1st Annual Scholarship Breakfast



The School started a new tradition this year to bring together two special members of the School's family — students and their generous scholarship partners. Almost 100 people attended February's breakfast at the Hotel Deca.



BOTH PHOTOS: Students, donors and faculty members enjoy breakfast and conversation.

30th Annual Don B. Katterman Memorial Lecture



This year's Katterman Lecture, "Keeping Up, Staying Ahead: Discussions in Pharmacy Practice," attracted more than 150 attendees. Alumni, friends and students heard four School of Pharmacy faculty members — Doug Black, John Horn, Micki Kedzierski and Peggy Odegard — speak about important topics in pharmacy. The April lecture took place on the UW campus.

LEFT: Bev Katterman, widow of Don B. Katterman, attended the anniversary event with her daughter, Anne. Here, she's holding flowers that Dean Tom Baillie presented as a thanks to her family for making this annual event possible. **RIGHT:** The William H. Foege Auditorium starts to fill up prior to the event.



Class of 1978 Reunion

More than 20 members of the Class of 1978 turned out for their reunion at the Eastlake Bar and Grill in April. The site, just down the street from the Health Sciences complex and overlooking Lake Union, gave them a chance to reminisce about their time attending pharmacy school "on the [Montlake] cut."



LEFT: Lynette Scott, Jana Ostrom, Joyce Tsai (Yamada) and Janet Black (Brakebill). **ABOVE:** Alumni gather for a class portrait, 31 years after graduation.

E-mail your photos and captions from alumni events to:
rxalumni@u.washington.edu

Class Notes

1940-1949

Arthur N. Sorenson, '48, has been retired since 1986. He was with Parke-Davis for 39 years and was in management for most of his years there — as the regional manager in Denver, Los Angeles, Portland and Seattle.

1950-1959

Bill Sable, '51, is proud to still work about 35 to 40 hours per month.

1960-1969



James Ramseth

In mid-2007, **James Ramseth, '63**, sold his almost 40-year practice to QFC. His new practice is less than 100 feet from the old, where he practices in semi-retirement.

Tom Jones, '68, owns Haiku Pharmacy on Maui. He is married to Marlene Jones.

William Beurskens, '69, retired in 2000 and moved to a farm in Mt. Vernon, Wash., where he now lives the “quiet life.”

Gayle Hudgins, '69, is still at the University of Montana as professor and director of experiential education for Skaggs School of Pharmacy. She also serves as director of the Montana Geriatric Education Center.

Duane Miller, Ph.D., '69, was inducted into the American Chemical Society's Division of Medicinal Chemistry Hall of Fame.

1970-1979

Ed Wong, '71, '88, is the new School of Pharmacy representative on the UW Foundation Board.

Nancy Mueller, '76, is now working at the University of Michigan Health System Comprehensive Cancer Center as a staff pharmacist.

Erna Snipes, '76, retired in 2003 but works one or two days a month in a local pharmacy. She spends most of her time working on her '55 DeSoto and being involved in the Puget Sound Chapter of the National DeSoto Club.

Rod Shafer, '77, stepped down as CEO of the Washington State Pharmacy Association (WSPA) in November after 15 years.



Rod Shafer (Courtesy of WSPA)

Thomas Woolf, '78, after working nearly 20 years in the pharmaceutical industry, is now working for a law firm in New York City as a scientific adviser. He has three boys, all in college in Michigan.

1990-1999

Deanna Kroetz, Ph.D., '90, was named an American Association of Pharmaceutical Scientists 2008 fellow.

Linda Story (Kvare), '92, and her husband and son recently relocated to the principality of Andorra between Spain and France.

Jennifer Crutcher (Delles), '95, and her husband, Ernest Crutcher, welcomed their second son, Owen, in May 2008.

Jacquie Shearer, '98, is working as a clinical pharmacist at Holy Family Hospital in Spokane, Wash., in Intensive Care Unit/Critical Care.

Jeff Rochon, '99, was named the WSPA's new chief executive officer. Rochon has been with WSPA since 2002, most recently as the director of professional development.

2000-present

Josh Welborn, '01, and **Heidi Welborn (Kidder), '03**, are running Welborn Relief Agency Inc., a professional pharmacy staffing agency, and spending time with their two daughters and son.

Ruolun Qiu, Ph.D., '03, received an American Association of Pharmaceutical Scientists Outstanding Manuscript in Modeling and Simulation Award.

Jennifer Weber (Oh), '03, recently had a baby girl.

Joel Thome, '05, will marry Laura Campbell, a fourth-year pharmacy student at WSU, in May. He works at his family's pharmacy, Howard's Drug in Selah, Wash., and recently accepted a part-time faculty position with Pacific NW University of Health Sciences.

Let us know what's new in your life. Please e-mail us with your updates at rxalumni@u.washington.

Tom Kalthorn and Rick Carlson (Continued from Page 5)

Departments of Pharmaceutics and Medicinal Chemistry pertained to the drug-interaction-program project grant, where he prepared critical metabolite standards for drugs of interest. He introduced a course on quantitative analysis methodologies and was a frequent contributor to departmental cumulative exams. He was known throughout the School for his analytical expertise and intelligence.

He was a conscientious teacher who gave selflessly of his time and knowledge to help graduate students and postdoctoral fellows. Tom will be greatly missed.

Rick Carlson, an affiliate professor in the Pharmaceutical Outcomes Research and Policy Program (PORPP), died from a heart attack on Feb. 13.

Rick received his J.D. at the University of Minnesota. In 1968, he joined the Institute of Interdisciplinary Studies as a research attorney where he drafted the legislation that initiated the nationwide HMO movement.

He served as chairman of the California governor's council on wellness and physical fitness and became the first

director of the California Trends Project. Over the years, Rick worked as a consultant and in leadership roles at many major health care institutions.

He published and co-authored several books, including *The End of Medicine*, a seminal book in the health field. In 2001, Rick became an affiliate professor at the School.

“Rick was a valued member of PORPP and contributed to many of our projects related to pharmacogenomics and diagnostics,” said PORPP Director Sean Sullivan. “We mourn his passing.”

In Memoriam

Constance Perry (Dunham), '44, died at age 87 in September 2008 at her home with her family. She was the wife of the late Wendell L.R. Perry. Connie was born in Yakima, Wash.

After graduation from the School of Pharmacy, she moved to the Boston area to start her professional career as a registered pharmacist. Most recently, she worked at Clinton Hospital.

Music was a lifelong passion. She was an avid tennis player, hiker and world traveler with an insatiable thirst for learning. She also volunteered with local causes throughout her life.

David H. Palmer, '48, passed away in Kirkland, Wash., in October 2008, after a long illness. He was born in 1923 in Seattle. He married his high school sweetheart, MaryLou Dresen Sasser, in 1942.

Dave graduated from the School of Pharmacy on the GI Bill in 1948. He served in the Air Force during World War II flying B-17s and was awarded the Distinguished Flying Cross medal.

Dave came from a line of more than eight pharmacists on both sides of the family. He held a variety of positions in pharmacy — including a sales representative for E.R. Squibb and owner of Palmer Pharmacy on Beacon Hill in Seattle.

Lloyd Paul Castle Sr., '53, of Hemet, Calif., passed away in January from complications of pneumonia. He was 80.

He served in the U.S. Marine Corps and after the war, he attended Morningside College and graduated from the UW School of Pharmacy. He started his 47-year career in pharmacy working at Vernon Castle's Pharmacy in Bremerton, Wash.

He was a Third Degree Knight of Columbus and member of St. Anthony Church.

Wayne Glen Mosby, '54, passed away in October 2008 in Puyallup, Wash. He was born in 1923 in Post Falls, Idaho.

In 1941, Wayne joined the V-12 naval-officer-training program at UW. After 18 months serving in the Aleutian Islands in the Pacific Ocean, he was honorably discharged in 1946.

After World War II, he studied pharmacy at the UW, and eventually owned several drug stores. In 1983, he sold the stores and developed real estate until his passing. He was a devoted Rotarian.

Lillie Leon Jones, '60, died in December 2007. Lillie was born in Hallettville, Texas in 1924.

After graduation, she worked for many years as a pharmacist at Harborview Medical Center. She later returned to the UW School of Pharmacy to become a recruiter.

She and her husband, Ted, were passionate sports fans, traveling extensively to many different countries to attend the Olympics. Lillie was also involved with many organizations, including Blacks in Science/Ron McNair Camp and dance groups.

K Lounsbury Perrins, '62, died in August 2008 in Deer Park, Wash. He was born in 1928 in Albion, Idaho.

He attended Whitworth College in Spokane, Wash., and the UW, graduating with a bachelor of science in pharmacy. He was a pharmacist for many years with Pay 'n Save Drug Stores, and he and his late wife, Irene, owned and operated the Clinical Pharmacy in St. George, Utah, for many years. While in Utah, K earned an additional bachelor's degree in compounding pharmacy.

K was active in the Church of Jesus Christ of Latter-day Saints. He was a veteran of the U.S. Army.

Thomas Odegard, III, '64, passed away in November after a short, intense battle with cancer and pneumonia. Tom was born in 1940 in Tacoma.

In 1965, Tom helped his parents and eldest sister, Shirley, run the family store, Milton Pharmacy, after his father suffered a heart attack. In the mid-1980s, Tom purchased the store. It enjoyed success until 1991 when the economic downturn and changing nature of pharmacy forced its closure.

Tom later worked with Albertsons, QFC and Costco Wholesale. He had many devoted customers who followed him to wherever he worked.



Hank Yamamura
(Photo by UW Health Sciences Academic Services & Facilities)

Henry "Hank" Ichiro Yamamura, '64, died peacefully at home in September 2008 in Tucson, Ariz., at age 68. After earning his B.S. in pharmacy, he got his Ph.D. in pharmacology from

the UW School of Medicine in 1969.

He joined the University of Arizona in 1975 as associate professor in the Department of Pharmacology. He joined the College of Medicine in 1990 and took the position of Regent's Professor of Pharmacology in 1997.

Yamamura was internationally known for his scholarly research. He was the School of Pharmacy's distinguished alumnus for excellence in pharmaceutical sciences in 2004.

Christopher Okeke, '76, passed away in October 2008 after a brief illness. He was 61.

After pharmacy school, Chris returned to his home country, Nigeria, in 1982. He was in charge of pharmacy inspection and licensing with the Ministry of Health in Anambra State.

In 1998, he took on a special assignment as a project manager for Nigeria's Petroleum Trust Fund — a special fund created from the country's oil revenue to supply free drugs and medical supplies to government institutions like hospitals and schools. He later became a pharmacy director for several government hospitals.

Chris was delighted to attend his daughter, Uzo Okeke's, graduation from the School Pharmacy in 2007.



Michael Chan
(Courtesy of the Chan family)

Michael L. Chan, '80, passed away in July 2008 after a courageous battle with pancreatic cancer. He was a clinical pharmacist at Valley Medical Center in Renton, Wash., for 21 years.

According to Valley Medical's chief nursing officer, he was an example of the values of teamwork, compassion and quality. He was widely regarded for his excellent clinical and mentoring skills with a unique gift of remaining calm during frantic times. He will be missed for his temperament, clinical skills and compassion.

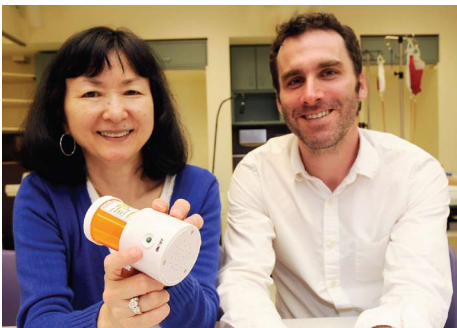
Michael was a finalist for the distinguished alumnus award in 2006.



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Grants for Innovative Research: Some Highlights



The School of Pharmacy's Annie Lam and School of Nursing's Seth Wolpin show off a "talking pill bottle." They are part of an NIH grant to study this technology among patients with low literacy levels (Photo by Clare McLean, UW).

School faculty members continue to secure funding for groundbreaking research. Here are some noteworthy grants of late:

Faculty from all three departments in the School have been awarded \$5 million in direct costs from the National Institute of General Medical Sciences at the NIH to continue their study of fundamental mechanisms of drug-drug interactions. Participating faculty are William Atkins, Nina Isoherranen, Kent Kunze, Sid

Nelson, Wendel Nelson, Allan Rettie, Ken Thummel and Ann Wittkowsky.

Nanci Murphy and Peggy Odegard from the Department of Pharmacy are part of a grant to the UW schools of Nursing, Medicine and Pharmacy. The \$990,000 grant from the Josiah Macy Jr. Foundation and \$250,000 grant from the Hearst Foundation will focus on interprofessional communication and patient safety.

The Pharmaceutical Outcomes Research and Policy Program is part of a research team that has received a \$1.6 million grant from Ventura Healthcare Systems and the U.S. Department of Defense to study bariatric-surgery outcomes and economic savings.

The Department of Pharmacy's Annie Lam is among a team of UW health sciences faculty members who received a \$429,000 NIH grant for a two-year project called "Improving Medication Adherence for Patients with Low Functional Health Literacy: An Intervention with Talking Pill Bottles."

Call for Plein Proposals

The Elmer M. Plein Endowed Research Fund is accepting proposals for pharmacy research projects. The awards encourage, promote and support research and innovative practice in pharmacy.

School faculty, clinical and affiliate faculty, current and former students, research and postdoctoral fellows, and current research assistants/associates may apply. Research areas to be supported include, but are not limited to: geriatric pharmacy, drug metabolism and transport, pharmacokinetics and pharmaceutical outcomes; demonstration projects evaluating innovative practice models; and publishable scholarly reviews.

Proposals must be submitted by June 1, 2009, for consideration for one of three awards ranging from \$500 to \$5,000. More info at: www.pharmacy.washington.edu/pleinfund

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