

Spring 2008

News for Alumni and Friends of the College of Pharmacy

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## Three Siblings, Three Grads, Three Thriving Pharmacists

See story on page 3.



Shelton Louie ('78), Jeannie Louie ('86),  
and Nancy Louie Lee ('79, '82)

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Dear Alumni and Friends,

OSU's College of Pharmacy is "an amazing place at an exceptional time in its history." I'm borrowing from President Ed Ray's remarks as he launched OSU's first capital campaign with the goal of raising \$620 million in gifts and new endowments.

The College of Pharmacy is Oregon's only fully accredited, research-intensive pharmacy college, and our faculty, students, and alumni are among the best in the nation. Our graduates routinely score at or near the top in national licensing exams, and the college recently ranked seventh in faculty research productivity. We do much more than teach out of textbooks; we create knowledge by discovering new drugs, identifying mechanisms of drug action, developing new drug delivery systems, and providing leadership in practice. Our alumni are nationally recognized leaders in all elements of pharmacy.

The College of Pharmacy is excited to participate in the university's first-ever capital campaign, with a goal of raising \$7 million to fund new scholarships and establish endowments to stimulate research and create innovative pharmacy practice. I invite you to participate in the Campaign for OSU by investing in the College of Pharmacy in one of the following ways:

- **Endow a scholarship.** Scholarships help recruit and educate tomorrow's talented pharmacists and graduate students—the people who are essential to a healthy future. In 2006, the college distributed only \$150,000 in financial aid—clearly inadequate for a cohort of 340 students paying \$15,000 per year in tuition. Our goal is to double the number of scholarships awarded each year by increasing new and existing scholarship endowments. For as little as \$25,000 (or \$5,000 each year for five years), you can endow a scholarship in your family or company name. A scholarship endowment of \$100,000 provides nearly \$5,000 per year in scholarship funding for perpetuity.

- **Endow a professorship or chair.** These endowments will help us recruit and retain exceptional faculty—men and women who

generate multidisciplinary solutions to vital issues in human health and the health-care industry. Endowed positions in drug discovery, drug delivery systems design, infectious disease research, pharmacy practice, and entrepreneurship are high priorities to maintain and expand our work in these critical fields.

- **Support research projects.** Research is vital to maximizing the college's impact regionally and nationally. Targeted investments can launch key initiatives, support their continued success, and help recruit top faculty by providing research start-up money. Endowments can be established either by a single gift or by multiple individuals donating to a single program.

- **Give annually.** You can also give a gift to help meet the general needs of the college by designating it to the Dean's Fund for Excellence. Your annual donation of \$1,000 or more qualifies you for membership in the Pharmacy Dean's Associates Club. Annual giving can also be directed toward the general scholarship fund or the general research and graduate student fund. In addition, naming opportunities exist for teaching and research space at the Center for Health and Healing campus in Portland.

If you would like to learn more about the capital campaign and how you can invest in the College of Pharmacy, please contact me or Lori Brown at [lori.brown@oregonstate.edu](mailto:lori.brown@oregonstate.edu) or 541-737-7622. Lori and her colleagues at the OSU Foundation can provide expert advice on how to donate stock or real estate or set up retirement annuities and other planned giving instruments to maximize the value of your investment in the college and provide the greatest tax advantages to you. See page 13 for a chart providing an overview of endowments and giving recognition clubs.

Sincerely,

Wayne A. Kradjan, Pharm.D., BCPS  
Dean and Professor

## A family of Pharmacists

Three siblings take different, successful career paths after graduating from the College of Pharmacy

When Wing and Lan Chee Louie immigrated to the United States from Canton, China, after

World War II, they came to provide a better future for their children. Now in their eighties, they have every right to be proud of how their children took advantage of the opportunities they were given.

Wing arrived in the United States in 1948, and Lan Chee followed in 1953 with their two children, Lana and Richard. The couple settled in Portland and opened a Chinese restaurant in McMinnville. Their first American-born child Shelton was born in 1954. Nancy and Jeannie arrived later.

The family spoke Chinese at home and picked up what English they could by working in the restaurant. Shelton said his first exposure to the English alphabet came in kindergarten.

"I remember the alphabet was written along the top of the room," said Shelton. "I didn't know what it was."

As the children became fluent in English, they acted as interpreters for their parents, including accompanying them to medical appointments and translating the doctors' instructions.

Nancy's interest in pharmacy began when she was about six years old and sometimes accompanied her parents to the drugstore. She was impressed with the relationship between the pharmacist and her parents, and how helpful the pharmacist was to them.

"I always respected people who helped my parents because we were always, as an immigrant family, interpreting for my parents," she said. "I liked it when people were nice and had the patience to help them. I came to respect the profession."

Even though, or perhaps because, Wing and Lan Chee had received little schooling in China, they strongly encouraged all their children to get an education. When they noticed Nancy's interest in the drugstore, they urged her to study the sciences and told her that pharmacy was a good career for a woman.

Jeannie said her parents liked the idea of a pharmacy career because it didn't seem to be as physically demanding as the restaurant business.

"The restaurant business is a lot of physical work—long hours, lots of lifting, lots of carrying trays and food," she said. "They liked the idea of pharmacy because you don't have to do as much manual labor."

### Shelton Louie

Although Shelton was older than Nancy and faced making a career choice earlier, it was her passion for a pharmacy career that eventually led him to choose it, too.

He spent his first year at Reed College in Portland. He was uncertain about a career path until his father confronted him. "Dad said, 'Why don't you be a pharmacist like your sister?'" said Shelton. "So I said, 'Okay.'"

Smiling, he added, "And that's the power of not wanting to disappoint your parents."

Shelton transferred to OSU and graduated with a B.S. in pharmacy in 1978. After graduating, he went to work for Fred Meyer and worked his way into regional operations, with responsibility for the southern Oregon territory.

***"I don't think any of us would be hesitant to say that our parents were a driving force."*** —Jeannie Louie



Wing and Lan Chee Louie after arriving in the U.S.

During his 30-year career with Fred Meyer, he noticed an industry-wide issue in the handling of "will call" prescriptions.

"Most pharmacies go to some bin and rummage through trying to find a prescription," he said. "Hopefully they find the right one, and hopefully they don't hand it out wrong. The reality is that as volumes have increased, 'will call' volumes are increasing, so that people are getting it wrong. And if they hand it out wrong, it's no different than filling it wrong. So that issue really got me to thinking. My partner said, 'We need to fix this problem.' So we fixed it."

His company, GSL Solutions, Inc., offers a product based on radio frequency identification technology (RFID) that streamlines pharmacy workflow, improves the accuracy of filling and dispensing prescriptions, and reduces labor costs. The system associates a unique RFID with a prescription and acts like a global positioning system for prescriptions, automatically facilitating prescription tracking. "Our system takes human error out of 'will call' dispensing. Human error is the biggest problem, which is magnified in high volume pharmacies." The U.S. military and HMO pharmacies are planning trial runs of the product this summer.

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## A Family of Pharmacists

*Continued from page 3*

### Nancy Louie Lee

Nancy graduated from OSU with a bachelor's degree in pharmacy, but her interest in nutrition support came during her internships and led her to continue on to receive a master's degree in hospital pharmacy and nutrition.

"I saw that pharmacists answered a lot of questions and knew a lot, which was very helpful to patient care," she said. But she also saw a gap in knowledge among pharmacists in the area of nutrition support for patients on total parenteral nutrition (TPN). "I asked questions because I wanted to learn so I could help others. Some pharmacists didn't know the answers and encouraged me to look it up and share it with them. Over time, I came to realize that our profession really needed pharmacists to know these therapies—nutrition, metabolism, fluid and electrolytes, and drug therapy are so closely interrelated."

She completed her master's degree in 1982. After doing a residency in hospital pharmacy at the Veteran's Administration Hospital in Portland, she went on to the Medical University of South Carolina to complete a post-graduate residency in nutrition support.

Nancy joined the faculty at the University of Arizona as assistant professor of pharmacy practice and clinical pharmacy coordinator at Tucson Medical Center, teaching therapeutics and nutrition support. She also developed an inpatient and home TPN service for the medical center. After five years in Arizona, she accepted a position as assistant director of clinical services at Providence Medical Center in Portland. Providence was one of the places she had interned.

"It was interesting coming back and being assistant director with pharmacists who had trained me," she said. "It was great working with people I already knew. We developed a multidisciplinary nutrition support service and an aminoglycoside dosing service."



A recent Louie family gathering. Standing (L-R): Richard and wife Lai-Mei; Courtney, Nancy's husband Kent, Brittany, Jeannie's husband Dean, Nancy, Shelton's wife Christine, Jeannie, Shelton. Seated: Wing and Lan Chee and grandchildren Alexis, Haley, Caroline, Lauren, and Allison. Not pictured: Lana and her family.

Five years later, she was recruited by Kaiser Permanente as director of clinical pharmacy services. Although the position takes her out of clinical practice, patients' needs still guide her work.

"Our doctors, pharmacists, nurses and other health care team members need to be in the right roles and have the right support so patients like my immigrant parents can benefit from their talent and knowledge, understand their health care and actively engage in it," she said. She is recently became director of clinical quality services support at Kaiser Permanente in addition to her other position.

In addition to her busy work schedule, Nancy has been involved nationally with the American Society for Parenteral and Enteral Nutrition and the American Society of Health-System Pharmacists.

Although her career path transitioned away from a full-time academic career, Nancy has continued to involve herself in higher education. Several years ago, she worked with Professor Doug Stennett to create a curriculum for an elective for OSU students on decision-making and drove from Portland two days a week to teach the class. She has given some guest lectures at OSU and other universities, and has been a preceptor for the past several years.

### Jeannie Louie

Jeannie wanted to be a doctor—a dream that, like Nancy, began when she was young. For Jeannie, however, it was the experience of trying to translate what the doctors were saying to her parents that provided impetus.

"I found it frustrating when the physicians didn't explain things—I couldn't interpret, 'Because I said so,'" she said. "I thought, 'There's got to be a way that people can understand their medical issues better.'" She decided to go into medicine so she could help patients understand their disease process and their treatment options better.

How to financially handle medical school was the question. With Shelton and Nancy as her role models, she decided to start by becoming a pharmacist. She graduated in 1986 with a B.S. in pharmacy and then went on to earn her doctorate in medicine from OHSU in 1990. "What was nice about pharmacy school was that as a medical student I could work as a pharmacist and that helped financially quite a bit," she said.

Jeannie accepted a residency in general surgery at the University of California, Davis East Bay. After focusing in general surgery for three years, she decided to specialize in radiation oncology, completing her residency at the University of Washington in 1998.

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## Collaborating with OMSI's Body Worlds Exhibit

College of Pharmacy helps to educate the public about their bodies

**T**housands of visitors to Gunther von Hagen's Body Worlds exhibit at the Oregon Museum of Science & Industry came away with specific information about their own bodies, thanks to interactive exhibits sponsored by the College of Pharmacy.

The Body Worlds exhibit, which visited Oregon for four months last summer and fall, is the world's first anatomical exhibition of preserved human bodies, made possible by a process called plastination. Its goal is to educate the public about the human body, its functions, diseases, and physical changes. The exhibit was co-sponsored by OHSU, and the College of Pharmacy offered additional exhibits June 28 through July 5 and Sept. 27 through Oct. 6 in collaboration with OHSU's Center for Weight Regulation.

Participation in the college's exhibits was high among attendees to Body Worlds.

"It exceeded our initial expectations," said Judi Low, former faculty research assistant. "According to Dr. William Cameron, who coordinated OHSU's effort there, we had the most participation of any of the other interactive exhibits during our screening weeks." Originally, the college was scheduled to present during the two weeks in summer only, but the exhibit was so popular OHSU asked the college to continue presenting during the closing weekend of the Body Worlds exhibit.

OSU faculty and students took blood samples to provide participants with rapid-results lipid panels and blood sugar analyses. They also took participants' blood pressure

*"It was a good sampling of people who were more interested in their health than people off the street normally would be. They were very interested in the results and their consultations."*

—Judi Low

and offered a cardiac risk assessment related to lifestyle and family history. Using a "swish and spit" technique, they collected DNA samples that will be used to determine the effect of genetics on cardiac risk. In addition, The Center for Weight Regulation provided a diet and biometric assessment, including waist circumference, percentage of body fat, body mass index, and computerized dietary assessment.

Students helped with the testing and Pharmacy Practice faculty counseled participants on their results. Several people were referred to healthcare providers, based on the results of their screening.

"We did screenings on a number of people who wouldn't have had them otherwise because they had no health insurance," said Low.

The Body Worlds exhibit helped to raise participants' awareness about how their bodies function, and it also provided a wonderful opportunity to make them more conscious about their health.

"They were pretty motivated by the time they got here—very interested in their health," said Low. "It was a good sampling of people who were more interested in their health than people off the street normally would be. They were very interested in the results and their consultations."

In addition to providing a public service, the collected data from the approximately 1700 participants will be used for a research project conducted by Matt Ito, Craig Williams, and Joel Marrs. The project involves lipid, blood sugar, and blood pressure management.

Participants were also given an opportunity to be part of additional cardiovascular research projects, and the college is in the process of following up with those who wanted to be involved. Anonymity for all participants is strictly observed.

Several other displays provided exhibit viewers with information about the College of Pharmacy, including displays about drug development by Theresa Filtz; automated medicine dispensing, drug review and education, and formulary management by Terri Bianco; and infectious disease transmission and vaccine promotion by Dave Bearden, Jessina McGregor, Dale Kraemer, and George Allen. Many take-away brochures were also offered to those who were interested.

Ninety-three volunteers helped out with the exhibits during the two weeks, including 25 faculty and staff members, 60 Pharm.D. students, and eight other volunteers (including family of faculty members and other OHSU volunteers). Students were available to answer questions about the interactive exhibits, the practice of pharmacy, and the college in general.

"The public was extremely appreciative," said Matt Ito, pharmacy professor and department chair. ♦

*"We did screenings on a number of people who wouldn't have had them otherwise because they had no health insurance."*

—Judi Low

## Middle School Girls Learn about Pharmacy Careers



P2 Linda Phan assists a SMILE participant with her science project.  
(Photo: Edward Bryan)

*O*n Saturday, Nov. 3, many Benton County middle school girls took part in a half-day, hands-on workshop titled “Discover the Scientist Within” that was intended to spark the girls’ interest in a science-related career. Their day included a chance to visit the College of Pharmacy.

Activities for the day began with a welcome by Sujaya Rao, associate professor in Crop and Soil Science and Sylvia Harvey, a science teacher from West Albany High School in Albany. Keynote speaker Deborah Pence, associate professor in Mechanical Engineering, inspired the girls by talking about her research. Cori Hall, who was at that time the programs coordinator for the SMILE (Science and Math Investigative Learning Experiences) program, led them in an electrical engineering board game.

The girls chose one of three tours that took them to two of six locations on campus. Those who chose to visit the College of Pharmacy learned about career opportunities in pharmacy and enjoyed learning how to make lip balm in an activity coordinated by Ann Zweber, senior instructor in general practice. The girls also filled prescriptions for M&Ms, delighting in completing their glucose therapy.

The day’s activities gave pharmacy students an opportunity to make connections with middle

school girls about science, help with hands-on activities related to a pharmacy career, and share their own stories about being a woman in science. P1 Elva VanDevender, P1 Megan Goodale, P1 Meghan Allen, P2 Linda Phan, P2 Colleen Ruff, P2 Karen Stephenson, and P4 Kimmie Russell provided mentoring and guidance to the girls to make the program a success.

“Discover the Scientist Within” was planned and executed by OSU and community volunteers, and was free to participants. “The event was a grassroots effort from a number of individuals from both on- and off-campus who care about shaping the future of our science and technology workforce,” said Hall. “We wanted to focus on supporting the girls in our local community by giving them an opportunity to come to OSU and engage in fun, exciting, hands-on science—and to help them see themselves as future scientists and engineers.”

The workshop was co-sponsored by the Office of the Provost and the SMILE program. The SMILE Program is a partnership between OSU and 14 Oregon school districts with the goal of providing science and math enrichment for under-represented and other educationally under-served students in grades 4 through 12. This free workshop is expected to continue in future years. For more information, contact Rao at 541-737-9038. ♦

## Dinner Cruise on the Portland Spirit

On a clear, cool night in mid-November, nearly 80 pharmacy students gathered for a dinner cruise down the Willamette River on the Portland Spirit cruise ship. They were joined by representatives from Sav-on/Albertsons and CVS Pharmacy, sponsors of the cruise.

Each year, the executive council offers an event to give students an opportunity to

meet and greet incoming students and encourage connections among students in Corvallis and Portland. P2 Linda Wong organized this year's event.

The cruise started at Portland's waterfront and took the gathering to Lake Oswego and back. After dinner, many attendees retired to a private upper deck for dancing. ♦



P3 Martina Man, P3 Andrew Peil, P3 Brian Zacher (right) and his wife Michaela on the Portland Spirit.

## College Benefactors Celebrated

This year's Benefactors Recognition was held Oct. 9, 2007 at Willamette Valley Vineyards. This event recognizes scholarship recipients and honors donors to the College of Pharmacy.



Attendees enjoy a beautiful view of the vineyards. (Photos: Derrick Lepin)



A few scholarship recipients and benefactors gather at the reception. (Front L-R): P2s Heather Hays, Tina Wong, and Melissa Parkman. (Back L-R): P3s Denny Doan and Ted Williams; Walgreens representatives Jennifer Williams, Kelvin Lee, Sue Defilipi, and Tracey James; P2 Tommy Wang.

## New Students Receive White Coats

This year's White Coat Ceremony was held October 1, 2007. Dean Kradjan welcomed attendees, and then the first-year professional students were awarded their honorary white coats, which signify their entry into the profession.

P2 Tim Peterson, president of the Pharmacy Student Executive Council, led the P1s in reciting the Pledge of Professionalism.

After the pledge, Jennifer Williams from Walgreens and Danielle Mackey ('94) from Providence Health System offered advice and words of wisdom to the future pharmacists.

Following the ceremony, faculty, students, and their family and friends enjoyed dinner together. ♦



P1 students put on their white coats for the first time.

## Cholesterol and Blood Pressure Screening

To earn credit for Phar760: Transitional Clerkship, students must complete a patient care project. In January, P3s Ron Suguitan, Annie Ratliff, Samantha Woodhouse, and Claire Evangelista collaborated with Safeway to offer a cholesterol and blood pressure screening event in Beaverton.

“Safeway was a wonderful support and co-sponsor in providing the needed supplies,” said Suguitan. Safeway donated total cholesterol with glucose cassettes, cholesterol check machines, band-aids, and other items needed to provide the service.

Customers interested in having free total cholesterol, glucose and blood pressure check could make an appointment so they would know when to fast. Walk-ins were welcome, but were required to pay a \$10.00 charge.

Nearly 20 patients were screened for total cholesterol, glucose, and blood pressure. The appointments were set at 30-minute intervals, which allowed time for students

to evaluate and counsel patients and accommodate walk-ins. Each student rotated responsibilities so that all would have a share in doing the various activities.

“Customers were amazed at the level of training of the third-year OSU/OHSU pharmacy students, and the knowledge and education that they are receiving,” said Suguitan. “I learned a great deal from coordinating this event. Most of all, I experienced great support, patience, and understanding from supporters of Safeway, OSU/OHSU School of Pharmacy, and my colleagues.”

***“Safeway was a wonderful support and co-sponsor in providing the needed supplies.”***

—Ron Suguitan



P3 Ron Suguitan preps a patient for cholesterol screening.

Suguitan said all involved, including the Safeway representatives, were pleased with the success of the event.

“We felt that this event benefited the community to start their new year off with focusing on their cholesterol levels, glucose, and blood pressure,” he said. “Most of all, the people of the community will appreciate the services that pharmacists can provide, and as students it will add to our experience and education as future pharmacists.” ♦

## A Family of Pharmacists

*Continued from page 4*

She stayed on at UW as a clinical assistant professor in radiation oncology for two years. In 2000, she moved back to Portland and joined The Oregon Clinic Radiation Oncology Practice, through which she works on-site at Providence St. Vincent's Medical Center, Providence Portland Medical Center, and Pacific Oncology Cancer Center.

Jeannie said her pharmacy degree has been extremely valuable in her practice as a physician, particularly as an oncologist. “It's a tremendous help,” she said. For example, she is much more careful about how she writes prescriptions than she might otherwise have

been. She tries to avoid giving the pharmacist what she calls “chicken scratch.” “I try to keep my prescriptions legible, because it does make a difference,” she said.

### Carrying on the legacy

Jeannie, Nancy, and Shelton credit their parents with a large portion of their motivation to succeed in their careers. “I don't think any of us would be hesitant to say that our parents were a driving force,” she said.

Nancy agrees. “Our parents' heart was really to teach us to value education and the pursuit of a career that would be a better and easier lifestyle than their own,” she said. “And

they taught us to value helping other people, so going into a medical profession was a natural way to do that.”

The siblings are already talking to their own children about future career paths. At least one—Shelton's daughter Courtney—is following the family legacy and has applied for OSU's pharmacy early admission program. If accepted, she will be learning alongside Nancy's niece and nephew, P2 Linda Wong and Kevin Wong.

There could be a few more generations of Louie pharmacists yet to come. ♦

## Pharmacists Gather for Third Annual Apothecary Ball

Approximately 180 people attended the Third Annual Apothecary Ball on February 23 at the historic McMenamins Crystal Ballroom in Portland. Pharmacists, student pharmacists, and family members enjoyed an elegant dinner, dancing to the Kansas City Rhythm Kings, and a silent auction. Proceeds from the auction will go to support student professional development. ♦



Women in pharmacy celebrate together. (Photos: Derrick Lepin)



Peggy and Dean Privratsky cozy up during the ball.



Joe McCann ('66) and his guest enjoy the celebration.



Gerry Migaki ('75) and P1 Shui Yen Chan take a spin around the dance floor.



Gary Delander and P2 Tim Peterson enjoy a good laugh during the festivities.

## Publications

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How expensive is antipsychotic polypharmacy? Experience from five U.S. state Medicaid programs. *Current Medical Research and Opinion*, 2007. 23(10):2567-76.

Whibley, CE; **McPhail, KL**; Keyzers, RA; Maritz, MF; Leaner, VD; Birrer, MJ; Davies-Coleman, MT; Hendricks, DT. Reactive oxygen species mediated apoptosis of esophageal cancer cells induced by marine triphenyl toluquinones and toluhydroquinones. *Molecular Cancer Therapeutics*, 2007. 6(9):2535-2543.

## Grants & Contracts

The following awards were received by faculty members between September 1 and December 31, 2007.

**David Bearden** received \$13,889 from Tec Laboratories, Inc. for *Vitro evaluation of a novel topical antiseptic versus other topical agents*.

**Mark Christensen** received \$12,500 from the Agricultural Research Foundation and \$3,008 from the TEC Laboratories for *Franz diffusion cell study*.

**Zhengrong Cui** received \$173,510 for an R21 grant from the National Institute of Allergy and Infectious Diseases to support research on a tri-antigen nasal anthrax vaccine against toxins and vegetative bacilli. He received \$73,100 from the NIH for *Anthrax DNA vaccine for skin*, \$42,530 from ORCAL Chemicals, Inc. to evaluate anti-tumor activity, and \$1,726 from the Elsa U. Pardee Foundation for *7EUPH cervical cancer immunotherapy*.

**Theresa Filtz** received \$66,000 from the American Heart Association for *Determination of active principles of crataegus extracts*.

**Patricia Flatt** received \$12,500 from the Agricultural Research Foundation for *Genetic engineering of pseudomonas fluorescens as bio-control agents*.

**Dean Haxby** received \$41,500 from the SAIIF for Pharmacy consulting services and \$21,341 from Oregon Health Policy and Research for *Prescribing practices*.

**Arup Indra** received \$30,000 from the Medical Research Foundation at OHSU for *Keratinocyte retinoid X receptor  $\alpha$  (RXR  $\alpha$ ) in melanoma*.

**Gitli Indra** received \$30,000 from the Medical Research Foundation of Oregon for *MRF CTIP2 function in skin during development*.

**Chrissa Kioussi** received \$196,845 from the NIH for *PHS role of Pitx2 in muscle development*, \$123,697 from the March of Dimes for *MoD cardiovascular malformations*, and \$116,675 from the American Heart Association for *Control of cardiovascular development*.

**Dale Kraemer** received \$30,000 from the Community Pharmacy Foundation for *Pharmacists empowering patients*, \$31,749 from OHSU for *Opening of the blood brain barrier to anti-tumor agents*, \$17,839 from Sanofi Aventis for *S-A pharmacists empowering patients*, and \$20,549 from OHSU for *Improve brain tumor therapy*.

**Taifo Mahmud** is co-PI on a National Science Foundation Major Research Instrumentation grant for the acquisition of a 600 MHz Nuclear Magnetic Resonance Spectrometer. The award is \$710,900. He also received \$50,000 from the Herman Frasch Foundation for *Design of novel antifungal and insecticidal agents*, \$50,000 from the M.J. Murdock Charitable Trust for *Development and testing of new drugs to treat tuberculosis*, and \$225,414 from the infectious disease division of the Public Health Service for *Novel bioactive aminocyclitols*.

**Jessina McGregor** received an American Association of Colleges of Pharmacy New Investigator Program award for a project titled *Surveillance of antimicrobial resistance on outpatient clinics*.

**Kerry McPhail's** lab received funds to conduct experimentation in support of the Developmental Therapeutics Program of the National Cancer Institute for a project titled *Synthesis of antiproliferative agent coibamide A and analogs*. McPhail also received \$115,168

for *SI drug discovery in Panama* from the Smithsonian Institute and \$12,500 from the Agricultural Research Foundation for *Microbial producers of natural herbicides*.

**Joel Marrs** received \$1,000 from ACCP for *Heart failure training program*.

**Harleen Singh** and **Jeegisha Patel** received OSU's L.L. Stewart Faculty Development Award of \$2200.

**Rosita Proteau** received \$9,010 from the cancer research division of the Public Health Service for *Comp mechanism of cancer chemoprevention*.

**Fred Stevens** received \$21,000 from a Hatch Federal Fund for research on glucosinolates and phytoecdysteroids in meadowfoam seed meal. Russ Karow is PI on this USDA grant; Fred Stevens and Jennifer Kling participate as co-PIs. Steven's grant titled *Tandem mass spectrometer for small molecule analysis* received funding from OSU's Research Equipment Reserve Fund. The Colleges of Pharmacy, Agriculture, and Veterinary Medicine, and two private companies (Natural Plant Products and BioNovix) will contribute matching funds.

**Craig Williams** received \$75,073 from Merck & Company for a project titled *Effects on lipoprotein profile*.

**Xihou Yin** and **Mark Zabriskie** received \$324,330 from the National Institute of Allergy and Infectious Diseases for *Genetic and chemical approaches to novel lipid II binding peptide antibiotics*.

**Mark Zabriskie** received \$234,156 from the pharmacology division of the Public Health Service for *Biosynthesis anti-TB peptides* and \$20,000 from the National Oceanic & Atmospheric Administration for a study on deep sea organisms.

**David Bearden** shared the 2007 American Society of Health-System Pharmacists Drug Therapy Research Literature Award with six other authors for the publication *Time to initiation of fluconazole therapy impacts mortality in patients with candidemia: A multi-institutional study*. The study was published in *Clinical Infectious Diseases* (2006;43:25-31). In addition, *Antimicrobial dosing considerations in obese adult patients* by David Bearden and co-author received acknowledgement as Medscape's Top 10 Pharmacists Article for 2007. The article appeared in *Pharmacotherapy* (2007;27:1081-91).

**Shach Bhatt**, a master's candidate in the Chrissa Kioussi's lab, was awarded a Laurel Fellowship.

**Zengrong Cui** was awarded the 2005 most-cited paper award by the *European Journal of Pharmaceutics and Biopharmaceutics*. He was also appointed as a clinical assistant professor in the School of Medicine at OHSU.

**Gary DeLander** was selected as the 2007 Oregon recipient of the Bowl of Hygieia and was recognized at the Oregon State Pharmacy Association's annual meeting.

**Dean Haxby** was reappointed for a two-year term to the State of Oregon Health Resources Commission.

**Ganesh Cherala** recently joined the college as assistant professor in Pharmacokinetics. He earned a bachelor's degree in pharmacy from Osmania University in Hyderabad, India, in 1999 and a doctorate in pharmaceutical sciences from the University of the Sciences in Philadelphia in 2006. He completed postdoctoral training in clinical pharmacokinetics at Philadelphia College of Pharmacy in 2007. His research interests include understanding the sources of variability in drug pharmacokinetics, with a special emphasis on adverse early life exposure. He is also interested in modeling pharmacokinetic data and bioanalysis. ♦

## Announcements

**Cydreese Aebi** became the first pharmacist to be inducted into the Academy of Psychosomatic Medicine in November 2007.

## In Memorium

### Ed Hart

Ed Hart, a pharmacist who transformed PayLess from a small Oregon drugstore chain to what at one time was the state's second-largest publicly traded company, died Feb. 2, 2008, in his Lake Oswego home. He was 83.

Hart, a PayLess employee for 41 years, retired as chairman in 1989. Born May 24, 1924, in Mesa, Idaho, Hart served in the U.S. Navy during World War II. "He had a wonderful reputation for honesty and integrity," said U.S. District Judge Robert Jones, a friend and neighbor.

Hart received a pharmacy degree from Oregon State College in 1948. Later that year, he got started behind the pharmacy counter at a PayLess Drug Store in Lewiston, Idaho. From 1953 to 1963, he managed the Coos Bay PayLess, where he caught the eye of Peyton Hawes, the chain's founder.

"Peyton say Ed's vim, vigor and great ideas," said Ron Schiff, who succeeded Hart as president and CEO. Hart was named a vice president in 1963, president in 1967, chief executive in 1969 and chairman in 1980. He grew the company primarily by acquiring smaller chains rather than opening new stores, Schiff said. He also implemented cutting-edge computer systems and developed 100,000-square-foot-plus megastores.

"He was the company's driving light. From 1970 to 1990 it never had a down quarter or a down year," Schiff said.

Hart sold the company to Kmart in 1985 for \$500 million. Years later after being sold by Kmart, PayLess grew into Oregon's second-largest public company, with reported sales of 4.7 billion in 1995.

Survivors include his wife, Joan Hart; daughters, Sue Hart Tiernman, Debbie Hart, and Brenda Hart; and six grandchildren. In lieu of flowers, the family suggests a donation to Lakewood Center for the Arts in Lake Oswego.

*Courtesy of The Oregonian*

### Carolyn Bowles Fields

Carolyn Bowles Fields ('66) died May 2, 2007. Bowles worked for 17 years as a pharmacist after graduating from OSU. She earned a master's degree in library science from UCLA in 1980. She worked as a librarian at San Jose State University for a few years, and then spent the rest of her career as a librarian at San Diego State University.

Bowles achieved tenure at San Diego State and published several papers in library journals. She is survived by her sister Jane and her husband Buck, who was a Navy dentist prior to his retirement. The couple lived in La Jolla, California. ♦

Pharmacy Partners are progressive companies keen on maintaining their competitive edge in the marketplace. Participation in the Partners Program helps maximize employee searches and other business needs by fostering visibility and relationships with OSU pharmacy students. Some activities supported by our partners are the White Box Speaker Series, New Student Orientation, and White Coat Ceremony. Heartfelt thanks to our 2008-09 Pharmacy Partners:

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## 2007 Homecoming: Combining Work and Play

On October 27, 2007, many OSU College of Pharmacy alumni had a winning day. They had a chance to catch up with former classmates, obtain continuing education credits, and watch the Beavers stomp Stanford in this year's homecoming game.

The continuing education theme was "Myths and Realities: the Rest of the Story." It was open to pharmacists, physicians, nurses, administrators, employers, and others interested in health care.

After morning refreshments and a welcome by Gary DeLander, John Block, OSU professor emeritus in medicinal chemistry, exploded some common myths in a presentation on vitamin D and omega fatty acids.

After a short break, Richard Herrier, clinical associate professor of pharmacy practice at the University of Arizona, offered insights about over-the-counter products used to

treat colds, coughs, and allergies. Greg Hyman, pharmacy inspector with the Oregon Board of Pharmacy, helped attendees differentiate between urban legend and the realities of Oregon law.

Purposes of the continuing education seminar included helping attendees to understand and differentiate substances on nonprescription product labels and learn to make recommendations based on science; describe the efficacy of popular products used in the treatment of colds, coughs and allergies; and recognize new Oregon legislation and laws relevant to these nonprescription products.



(L-R): Marilyn Wong ('77), Barbara Schnabel ('82), and Susan Rosiek during this year's Homecoming activities.

After the seminar, alumni enjoyed a luscious lunch and watched the homecoming game together. OSU beat Stanford 23-6.

**Go Beavers! ♦**

## Endowments and Annual Giving Recognition Clubs College of Pharmacy and Oregon State University

### Endowments

Chair	\$2 million endowment or \$100,000 annually for 3 years
Professorship	\$1 million endowment or \$50,000 annually for 3 years
Program	\$500,000 endowment or \$25,000 annually for 3 years
Scholarship	Minimum of \$25,000

### Annual Giving Recognition Clubs

Pharmacy Dean's Council/ OSU President's Council	\$10,000 and above
Pharmacy Dean's Club/ OSU President's Club (Individuals)	\$5,000 to \$9,999
Pharmacy Partners (Corporate)	\$5,000 to \$9,999
Pharmacy Dean's Fellows/ OSU President's Fellows	\$2,500 to \$4,999
Pharmacy Dean's Associates/ OSU President's Associates	\$1,000 to \$2,499
Pharmacy Dean's Circle	\$500 to \$999 (\$250 to \$999 1-5 years after graduation)

Cumulative gifts of \$50,000 to the College of Pharmacy qualify for induction in the College of Pharmacy Society of Excellence

Cumulative gifts of \$100,000 to the College of Pharmacy qualify for induction into the College of Pharmacy Cornerstone Society and the OSU President's William Jasper Kerr Society.

## Alumni Notes

### 1940s

**Alice Redmond Nelson** ('43) has been retired since 1978. She previously worked at Fred Meyer and Pharmacare. She lives in Tigard with her husband Willard. They raised two daughters and now have four grandsons and one great-granddaughter. Alice hopes to attend the 1943 reunion in June 2008.

### 1950s

**John Aikenhead** ('52) is retired after working for Sav-On Drugs as a pharmacy manager. He and his wife Betty live in Paso Robles, California. They raised three children and six grandchildren. He contracted multiple sclerosis four years ago. "I have always been proud to be a Beaver," he says.

**Neil F. Kennedy** ('52) lives in Ilwaco, Washington with his wife Roberta. He enjoys fishing and round dancing.

**William Peterson** ('52) is retired from Paradise Valley Hospital. He and his wife Joan live in Sunny Valley, Oregon. They raised two sons, Douglas and Daniel.

**Nancy McDonell** ('58) lives in Valley Center, Colorado. She raised two children. Her son was a valedictorian at San Clemente High and an All-American in water polo. He is in charge of an emergency room. Her daughter is a singer and vocal coach and teaches a class at UCLA. Nancy has four grandchildren.

### 1960s

**Lynn R. Willis** ('66) retired from the Indiana University School of Medicine in November 2007 after 33 years of service and is now professor emeritus of pharmacology. She and her husband Frances raised three children and they live in Indianapolis, Indiana.

### 1970s

**Donna Clark Lau** ('70) is retired from Wal-Mart #2301. She lives in North Bend with her husband Randall. Donna says: "I'm trying to be fully retired, but I keep feeling sorry for my co-workers and still fill in occasionally. Otherwise, I'm busy traveling and enjoying my 2-year-old grandson."

**Leon and Jillene Freis** ('72, '77) both work at Northern Inyo Hospital in Bishop, California. Leon is director of administrative support services and Jillene is director of pharmacy. Leon recently became manager of the clinical lab in addition to his other pharmacy and administrative duties. Their daughter Natasha is a second-year student at OHSU and son Adam is completing his nurse anesthetist training at the University of Pittsburgh.

**Howard Fong** ('74) is retired from his position as chief of pharmacy services with the California Institution for Men, California Department of Corrections. He is married to Carolyn and loves to play racquetball and tennis.

**Richard McLeod** ('79) and his wife Carol live in Dundee, Oregon. Richard is a clinical education manager with Pfizer, Inc. He completed a Pharm.D. degree through the University of Florida's Working Professional Pharm.D. program. He is a member of several professional organizations.

### 1980s

**Robert Buswell** ('81) works at Samaritan Albany General Hospital and is opening an anticoagulation clinic in Albany, Oregon. He is retired from the U.S. Air Force and recently joined the board of directors of Camp Lutherwood in Cheshire. Robert spends his spare time doing auto restoration. He has a '66 Mustang and two '57 Chevrolets. He also enjoys flying and doing woodworking. He says, "I love providing a nurturing, mentoring, and inspiring environment of learning at the hospital pharmacy for our OSU interns. They make our future look very bright, as future leaders of our profession and society as a whole."

**Paula Steinkamp** ('83) is a staff pharmacist at the Oregon State Hospital. She started out as a float pharmacist for a chain, and then worked as a staff pharmacist for a small independent pharmacy prior her employment with the Dept. of Human Services. She lives in Clackamas and enjoys pursuing many interests and hobbies, which she says are too numerous to list.

**Cari Divers** ('88) has been with Wal-Mart #720 in Bardstown, Kentucky, for almost 12 years and has worked in 12 stores in two states. Before that, she worked at Quisen Berry Pharmacies in Salem, Oregon. She enjoys gardening and doing arts and crafts with herbs and natural products.

### 1990s

**Marcy Hartford** ('91) works as a staff pharmacist at United Hospital. She and her husband Patrick Boylar live in St. Paul, Minnesota, where her two children attend a Spanish immersion elementary school. She enjoys gardening, biking, and a gourmet dinner club.

**Brant and Andrea Rego** ('99, '98) live in Rocklin, California. Their son Gavin was born in 2004. Brant just stepped down as district manager with Walgreens and is now at Safeway. Andrea works at Walgreens. ♦

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# Events 2008

- May 17** Icons of Pharmacy  
Portland City Grill, Portland
- June 3** OHSU Commencement  
Arlene Schnitzer Concert Hall, Portland
- June 14** College of Pharmacy Graduation  
LaSells Stewart Center and CH2M Hill  
Alumni Center, Corvallis
- June 15** OSU Commencement  
Reser Stadium, Corvallis

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