

# SCHOOL OF PHARMACY *News*

 University of Colorado Health Sciences Center

## Funding a legacy:

# Heim Endowment to keep alive former dean's dedication to graduate studies, research

When Gene Erwin, PhD, was an undergraduate student in the School of Pharmacy in the late 1950s, he had a true mentor: Harold C. Heim, PhD, who helped him find his calling as a researcher in the pharmaceutical sciences.

Today, Dr. Erwin — who was the School of Pharmacy dean from 1974 to 1984 and continues today as a research faculty member — and two of his fellow alumni are heading an effort to memorialize their former professor and School of Pharmacy dean by creating an endowed fund in his name.

"Richard Deitrich, PhD; John Palmer, PhD, and I are all former students of Dr. Heim, who was a professor in the school, as well as dean from 1964 to 1974," Dr. Erwin said. "As undergraduate students in the School of Pharmacy in the 1950s and early 1960s, he was the inspiration for all of us to go to graduate school and into research careers."

Dr. Erwin said Dr. Heim's lectures were inspirational; he would "just talk pharmacology, without a textbook or notes in his classes, speaking from his wealth of knowledge. He would always get to a point and say, 'we don't know exactly how this drug works, but there's a Nobel Prize here for someone who wants to find out.' He was always noting further paths in pharmacology that students could explore."

Dr. Heim was an outstanding research mentor for his graduate students.

Dr. Erwin said, "Back in the early days, there wasn't a lot of money to fund re-

search. I remember, though, that Dr. Heim was the first professor in the pharmacy school to obtain a National Institutes of Health grant. He really was a pioneer in research at the school."

The Heim Endowment will help support graduate education and research in the pharmaceutical sciences within the school, said Sheldon Steinhauser, director of endowment campaigns at the School of Pharmacy.

"The reality is tuition and research grants provide only a portion of the school's needs for graduate training," Steinhauser explained. "The school needs ongoing resources of a much greater na-

ture than can be provided by these other means. This endowment is an investment in the future."

Drs. Erwin, Deitrich and Palmer had been talking about starting some sort of fund in Dr. Heim's memory for years. However, it wasn't until Dr. Erwin finished actively teaching in the school in 1999 that "we got the show on the road," he recalled.

The trio recruited Dr. Heim's son, Warren, in their quest and, together, the group put together seed money for the fund. Now, they are using all available resources — from personal contacts to alumni lists — to find other

people who would like to both honor Dr. Heim and support the school's mission by giving money to the Heim Endowment.

"As alumni, we all have a vested interest in seeing our school maintain its level of excellence and actually to enhance the national prominence of our alma mater," Dr. Erwin said.

"When you enhance one area of the school, such as graduate training and research, it has a ripple effect," he added. "Excellent faculty are recruited, which leads to excellent students being recruited and trained to be tomorrow's professionals, teachers and researchers.

All of these lead to an enhanced reputation for the school and all of its graduates."

Dr. Erwin noted that the group's ultimate goal will be to fund an endowed chair professorship, a \$1.5-million proposition.

"We encourage anyone who knew or knew about Dr. Heim to contribute to the fund," Dr. Erwin said. "Any amount can help the school's faculty and students stay at the 'cutting edge' of research and technology in the pharmaceutical sciences."



## Three new faculty join SOP ranks

Three new faculty members have joined the School of Pharmacy since January.

**Carrie Maffeo, PharmD**, an assistant professor in community pharmacy in the Department of Pharmacy Practice, received her doctor of pharmacy degree in 1997 from Butler University in Indianapolis. Dr. Maffeo completed her primary care specialty residency at the University of Southern California in Los Angeles.

She joined CU in 1997 as a clinical pharmacy specialist at the University of Colorado Hospital Care Clinic. Last year, she received the School of Pharmacy's *Doctor of Pharmacy Mentor of the Year Award*.

In addition to becoming a faculty member in January, Dr. Maffeo also began developing a patient care center, the School of Pharmacy's first in partnership with Walgreens. "The mix of responsibilities will keep me in tune to the real world of pharmacy," she said.

"The goal for this newly conceived faculty position is the development of community pharmacy centers where pharmacists provide more education and private consultation to patients," Dr. Maffeo explained. "The purpose of these centers also is to provide direct patient care and disease state management programs."

A board-certified pharmacotherapy specialist and certified diabetes educator, Dr. Maffeo also is an active member



Rajesh Agarwal, PhD

of American Society of Health-System Pharmacists, American Diabetes Association and American College of Clinical Pharmacists. Her areas of interest include diabetes, asthma, smoking cessation and underserved populations.

**Rajesh Agarwal, PhD**, has joined the school as a professor in the Department of Pharmaceutical Sciences. Dr. Agarwal received a master of science degree in organic chemistry and a doctorate in bio-organic chemistry from Lucknow University in India. He has published 17 book chapters and 130 papers, and received national awards for his research.

Dr. Agarwal was appointed a full member adjunct faculty at the CU Cancer Center in 1998 and concurrently worked as a senior scientist at the Center for Cancer Causation and Prevention at AMC Research Center in Denver. Prior to coming to Denver, he was an assistant professor and research associate at Case Western Reserve University in Cleveland, Ohio.

(Continued on page 2)

## Congressman Tancredo visits school

Colorado Congressman Tom Tancredo (R-Colorado) toured the CU School of Pharmacy and several pharmacy practice sites Dec. 18, seeing first-hand how students are being prepared to care for patients in the 21st century. He also observed the role that pharmacists play in ensuring the safe, effective and economical use of medications in patient care.

"We are working with the American Pharmaceutical Association to inform legislators, community leaders and the public about the important services provided by pharmacists," said Christopher Turner, PhD, director of SOP experiential programs and associate professor of pharmacy, who organized the tour.

"Many people have a restricted understanding of the pharmacist's roles," he continued. "In reality, the pharmacist provides valuable recommendations to the public, patients and healthcare professionals about patient care and ways to optimize the use of medications to improve health and minimize medication-related problems."

After meeting Dean Louis Diamond, PhD, and Chancellor James Shore, MD, Congressman Tancredo met with David Ross, PhD, chairman of the Department of Pharmaceutical Sciences, and Mark Manning, PhD, associate professor of pharmaceutical sciences. Drs. Ross and Manning described active research areas, emphasizing the role of such research in drug design and the translation of basic discoveries into clinical applications. Mark Duncan, PhD, professor of pharmaceutical sciences, showed the congressman the mass spectrometry laboratory.

Congressman Tancredo then visited the teleconferencing rooms used to educate students and pharmacists throughout Colorado. He also met with David Thompson, PhD, assistant professor of pharmaceutical sciences, in the Pharmaceutical Care Learning Center where standardized patients help students practice their patient counseling skills.

Additionally, the congressman visited two innovative pharmacy sites. At the Garfield Street Medical Practice, he talked with Sam Ellis, PharmD, assistant professor of clinical pharmacy, and Holly Hagen, PharmD. At the King Soopers pharmacy and Diabetes Care Center, he spoke with Doug Fish, PharmD, acting chairman of the Department of Pharmacy Practice; Joel Giles, PharmD, assistant professor of pharmacy; and Jeremiah Stellish, RPh.

At both locations, physicians refer patients for healthcare monitoring and recommendations. The pharmacists consult with the patients, evaluate their health and provide recommendations. They work directly with the physicians to plan the best care.

"After spending more than three hours visiting our sites, the congressman said we had substantially changed his perception of the pharmacy profession," said Dr. Turner. "We really appreciate the effort he made to take the time to learn about the new role of the pharmacist."



### NCPA Foundation Scholarships Presented

At the National Community Pharmacists Association (NCPA) annual convention, Kent O'Malley, left, was named a Presidential Scholar, and Chris Riley, right, received the J.C. & Rheba Cobb Memorial Scholarship. Both scholarships were presented by the NCPA Foundation. The students are shown above with Jim Vincent, CU School of Pharmacy alum and NCPA member.



### New Faculty

(Continued from page 1)

He is a member of several national organizations. These include the American Association for Cancer Research, American Association for the Advancement of Science and American Society for Photobiology.

Dr. Agarwal's research focuses on cancer prevention, including understanding and developing new treatments for breast, lung, prostate and skin cancer. "A lot of the research I have done in animal models needs to go to clinical trials, and the School of Pharmacy is the best place to start this work," Dr. Agarwal said.

**Kathleen McCartney**, clinical instructor and coordinator of postgraduate professional education and learner services in the Department of Pharmacy Practice, received her bachelor of arts degree in biology from the University of California in San Diego and her bachelor of science degree in pharmacy from CU in 1990. She also earned a graduate

certificate in science communication from the University of California in Santa Cruz.

Currently, McCartney is a student in the non-traditional PharmD program. She is a member of American Society of Health-System Pharmacists and the Colorado Society of Health-System Pharmacists (CSHP), as well as the Colorado Coalition for

the Medically Under-served. She served as a member of the board of directors for CSHP and was voted its *Pharmacist of the Year* in 1999.

A Denver native, McCartney worked at the University of Colorado Hospital inpatient pharmacy for the past 10 years. In her new position, she will be the program leader for the non-traditional PharmD program taught on the Internet.

"I bring to this job a sincere interest in making a difference," McCartney said. "I hope to help fill a need for developing certificate and/or credentialing programs for pharmacists."



Kathleen McCartney



## SCHOOL OF PHARMACY *News*

### Louis Diamond, PhD

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Associate Dean

### Douglas Fish, PharmD

Interim Department Chairman  
Pharmacy Practice

### David Ross, PhD

Department Chairman  
Pharmaceutical Sciences

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March 21, 2001

## Mercedes Dombi represents school at National Patient Counseling Competition

Mercedes Dombi, a first-year student in the entry-level PharmD program, represented the CU School of Pharmacy at the National Patient Counseling Competition at the American Pharmaceutical Association (APhA) annual meeting in March. She won the local patient counseling competition, held at the School of Pharmacy in November 2000, and received a \$500 stipend from Pfizer Pharmaceuticals Group to cover travel costs to San Francisco.

"I feel honored and also flattered that these judges want me to represent CU at this competition," Dombi said.

This is the 17th year that APhA has held the competition, and all 81 pharmacy schools participated at the national level.

During the contest, students are given a patient scenario and a mock patient to counsel. This year, Dana Hammer, PhD, associate professor of pharmacy practice, was the mock patient at the School of Pharmacy's competition. She played the role of a woman experiencing symptoms of menopause and fearful that her estrogen replacement therapy would cause cancer.

"The main focus of the competition is effective commu-

(Continued on page 4)

## Pharmacy textbook receives national award from Last Acts

A textbook co-edited by a School of Pharmacy faculty member has received an award from Last Acts, a national coalition dedicated to improving care and caring at the end of life.

The award was given "in recognition of excellence in the presentation of end-of-life care content" in a pharmacy textbook. It is the first time the coalition, which is supported by the Robert Wood Johnson Foundation, has given an award for a pharmacy book.

The book, *Concepts in Oncology Therapeutics, Second Edition*, was co-edited by Carol Balmer, PharmD, an associate professor in the School of Pharmacy and clin-

ical oncology pharmacy specialist at University of Colorado Hospital, and Becky Finley, PharmD, chair of the Department of Pharmacy Practice and Pharmacy Administration at the Philadel-

contributed to it. I believe it's a very useful resource for pharmacists, and it helps them provide safe, optimal care for cancer patients."

The textbook provides pharmacists with training in

the basics of cancer and its treatment: what cancer is, how it grows, what drugs

**"Some of the good news in cancer treatment is that the oncology world has begun to focus more attention on management of the whole patient and his problems, rather than just on his cancer."**

— Carol Balmer, PharmD

phia College of Pharmacy. It is a publication of the American Society of Health-System Pharmacists (ASHP).

"Dr. Finley and I were very honored to learn about this award," Dr. Balmer said. "I have always been proud of this book and the clinical oncology practitioners who

can be used to treat different forms and how the side-effects can be prevented or managed. It also addresses palliative issues, such as pain management, nutrition support and the treatment of depression, anxiety and shortness of breath.

"Our focus is on managing complications and treatment of cancer," Dr. Finley said. "The book probably does contain more breadth and depth on managing those unfortunate issues that appear in cancer and other progressive diseases, compared with other pharmacy textbooks."

The palliative information was greatly expanded in the second edition. Drs. Finley and Balmer added the chapters after realizing pharmacists weren't getting that information elsewhere.

"Some of the good news in cancer treatment is that the oncology world has begun to focus more attention on management of the whole patient and his problems, rather than just on his cancer," Dr. Balmer said.

"The overriding rule used to be to destroy the cancer, regardless of the toll on the patient's quality of life," she added. "But during the past five to ten years, quality of life has moved closer to center stage. It is important that we provide pharmacists with information that can help them improve their patients' quality of life. I believe this textbook does."

## Development Council seeks funds to support student needs

John Shell, PhD, has been a pioneer in pharmaceutical research. Since graduating from the School of Pharmacy in 1953, he has held high-level positions with big names — Upjohn, where applications of his CU PhD thesis technology brought international recognition; Allergan, where he was director of research; and Johnson & Johnson.

He was a founding member of Alza Corporation, the first company to develop drug delivery systems, and he was responsible for that company's research program with Pfizer that led to Procardia XL, a cardiovascular product that upon introduction set a new sales record. After retiring from J & J in 1989, he founded a new company based on technology he devised. And, just this year, he turned it over to others to run, while he is developing further new technology, this time in the area of functional genomics.

Needless to say, Dr. Shell has built great success on his CU education. So, when the School of Pharmacy embarked on its endowment campaign last year, he and his wife Barbara, a 1951 graduate of the School of Pharmacy, decided to make a significant gift and a pledge for

more in the future.

Part of the gift was a matching donation from Johnson & Johnson, where Dr. Shell had served as a research vice president. He also was pleased to join the school's Development Council, a group of about two dozen alumni and friends of the school who are working to fund the School of Pharmacy Endowment.

"While I was at CU, I decided on what I wanted to do," Dr. Shell said. "So many professors influenced me. They truly understood the sciences, spent time with the students and had a real way of putting the information across. I liked their understanding of what was really going on in the world and the implications.

"Professors like Harold Heim and Fred Drummond in the School of Pharmacy and Norman Witt in the Department of Chemistry had vision," he continued. "They put students on the right track as to where the action was going to be. I know I owe them — and particularly the School of Pharmacy — a debt of gratitude. My present and future gifts and serving on the council are the least I can do."

The Development Council is responsi-

ble for finding individuals and corporations to fund student activities and other needs in the school through donations. Its members include alumni, faculty, administrators and other pharmacy school supporters.

"We can shake the money tree for the University and possibly help to some extent in orienting the mission of the school as it continues to achieve excellence," Dr. Shell said.

"We have good ideas for contacts," he continued, "and in some instances for leveraging the gifts, no matter how large or small they may be. I am particularly impressed with the School of Pharmacy today, due to the very able leadership of Dean Diamond and the outstanding faculty he has been able to attract, which, of course, makes fund raising a very worthwhile effort."

Building endowments — funds that generate interest income which is used to support programs — is a necessary task for public universities today, explained Louis Diamond, PhD, dean of the School of Pharmacy.

"The best schools — and the CU School of Pharmacy considers itself

(Continued on page 5)



## SOP, King Soopers to partner on additional Diabetes Care Centers

**"When patients come to the Diabetes Care Center, they receive the benefit of a pharmacist's expertise coupled with really focused education."**

— Ken Chao, RPh

The School of Pharmacy and King Soopers will open additional Diabetes Care Centers in the Denver Metropolitan Area this year with more planned in 2002. Locations have not yet been finalized.

"This was the first partnership of its kind in Colorado," said Joel Giles, PharmD, clinical coordinator for King Soopers and an assistant professor in the School of Pharmacy. "The support and enthusiasm from King Soopers is tremendous. They're behind this initiative 100 percent."

Two School of Pharmacy students created the Diabetes Care Center during a clinical rotation in 1999 at the Westminster King Soopers, Wadsworth Boulevard and 100th Avenue, after they learned about other such disease-management clinics around the country.

Pharmacists at the center counsel about ten patients a week. They help patients understand diabetes, learn to test and monitor their blood glucose levels and learn new eating and health habits.



Joel Giles, PharmD

Pharmacists also provide assistance to patients regarding their entire medication regimen.

"Diabetes often requires a complete change of lifestyle, and managing your medication can be quite complicated," Dr. Giles said.

"Our clinic is a convenient place for diabetes patients to come for information and monitoring," he said. "We pass on blood glucose levels to their physicians and recommend changes in their pharmacotherapy. We can help control patient blood glucose results in the long term."

### Mercedes Dombi

(Continued from page 3)

nication," said Jackie Parpal, local director of the 2000 competition and a student at the school. "Engaging a patient in active communication enables a pharmacist to educate the patient about safe and efficacious use of the medication.

"Good listening skills and empathy for the patient's concerns," she continued, "are very important to successful patient counseling. Mercedes did a great job communicating with the patient in a caring, empathetic manner."

"A lot of what you need for this competition is taught in

Ken Chao, RPh, director of pharmacy at King Soopers, said the clinics demonstrate the evolving role of pharmacists in American society.

"We feel that pharmacists properly belong consulting with patients, talking to them about disease states and medications," he said. "Also, the curriculum students learn today really pushes their interests toward clinical practice. This project shows you can offer clinical pharmacy services in a community pharmacy."

He added the clinic has been a hit with patients and physicians alike. For exam-

ple, a family practice group in Broomfield often refers patients newly diagnosed with diabetes to the King Soopers Diabetes Care Center. Patients regularly return to the clinic for follow-up visits and to use the pharmacists as a resource for answering their questions. Typically, newly diagnosed patients will participate in several hour-long education sessions with a pharmacist — time which physicians may not have to spend with all of their patients.

"When patients come to the Diabetes Care Center, they receive the benefit of a

pharmacist's expertise coupled with really focused education," he said.

Pharmacists in the Diabetes Care Center have undergone special training to gain expertise in counseling patients, and Dr. Giles currently is developing a curriculum for gaining a specific diabetes counselor credential.

The idea has caught on. The School of Pharmacy has recently partnered with Walgreens to create similar care centers.

### Dr. Joel Giles receives two awards

Joel Giles, PharmD, assistant professor of pharmacy practice, has received two awards.

In January, he was presented with a \$2,500 grant from the CU President's Fund for Diversity for 2001. This award supports a service learning partnership between Denver elementary schools and the School of Pharmacy.

In February, he received notice of a \$25,000 award from the Institute for the Advancement of Community Pharmacy. This money will partially support a residency position in community pharmacy being established in conjunction with King Soopers. The residency will focus on establishing a diabetes management program.

## Nancy Stolpman seeks challenges for herself and her students

Listen to Nancy Stolpman, PharmD, talk about her 12 years as a preceptor in the CU School of Pharmacy, and you'll hear one word over and over: challenge.

That's exactly what she seeks for herself and her students. Recently appointed interim director of University of Colorado Hospital's Department of Pharmacy, Dr. Stolpman's daily challenge is to juggle being a manager, teacher, clinician and student. From her enrollment in pharmacy school through today, she has thrived on positions that give her a chance "to do a little bit of everything."

Many students know her for the bit of her job called, "the portfolio preceptor".

"I have one student at a time going to different outpatient and inpatient sites each week and making journal entries for me," she explained. Then, via e-mail, Dr. Stolpman reviews and discusses the portfolio entries to "help them learn about real-life pharmacy."

She is a preceptor to about four students each year. "I love being around students," she said. "They're very inquisitive. It's rewarding to watch them grow and develop."

Dr. Stolpman also gets tremendous satisfaction from the management part of her job, especially time spent supervising on-campus preceptors. She trains and coaches School of Pharmacy preceptors who work with as many as 60 students in a year.

Bottom line is that rotations are all about challenge for Dr. Stolpman. In fact, her own rotations have influenced her style of teaching and supervising.

"I'll always remember my internal medicine rotation," she said. "The clinicians really valued my knowledge, and it was very challenging." She hopes rotations stay that way. "Rotations are the only way students gain experience," she added. "In the classroom, everything is clear cut...there's an answer for everything. In the outside world, students have to make a lot of decisions and do a lot of in-depth thinking."

Dr. Stolpman knows. She is currently a PhD candidate and has managed to find time for research and studying. After all, it's a challenge.

## Rural practice site offers unique opportunity for students, patients

In February, a pharmacy in southeast Colorado became home to the School of Pharmacy's first rural community pharmacy practice site offering anti-coagulation services.

A partnership between Jeff's Valley Pharmacy in Colorado City, the SOP and St. Mary-Corwin Medical Center in Pueblo, the "warfarin clinic" is staffed every Thursday by an SOP student who offers 20-minute appointments with patients.

"The student is there to serve people who are taking anti-coagulants and need monitoring of their therapy, counseling about warfarin interactions with other medications and food and any other issues," said Jeff Stephens, RPh, of Jeff's Valley Pharmacy. Each student is trained on how to adjust the dosage of warfarin according to the results of a patient's current

blood test.

"The rotation stemmed from an existing one and was the logical way to begin," said Christopher Turner, PhD, SOP director of experiential programs.

The school has partnered with St. Mary-Corwin Medical Center's anti-coagulation clinic for several years to offer six-week rotations to pharmacy students. The Colorado City initiative is an out-reach program from the St. Mary-Corwin clinic.

"We're taking advantage of the infrastructure and relationship we have with St. Mary-Corwin...and now we have an innovative practice site in a small town," Dr. Turner said.

The rotation already has gone beyond the pharmacy's expectations.

"Patients love it because they don't have to drive 25 miles to the hospital in

Pueblo. I love having the help and learning from the students," said Stephens, noting this is the first time students have worked in his pharmacy.

### Physicians, Patients Enthusiastic

Equally important, he emphasized, "physicians love it because they don't have to worry about figuring out changes in doses for patients on anti-coagulants. They can rely on me and student pharmacists."

In fact, one physician has reported that he is seeing two more patients daily because of pharmacists assuming this role, according to Al Lodwick, RPh, who runs the St. Mary-Corwin anti-coagulation clinic. He also serves as the liaison between the SOP faculty and Jeff's Valley Pharmacy and serves as the student mentor.

"Most area physicians have recognized that properly trained pharmacists can do a good job managing anti-coagulants," Lodwick said.

That's why the school is trying to expand rural practice sites. "The Colorado City site was established at the request of a physician," Dr. Turner explained. "A pharmacy team is invaluable in a rural setting because it can make decisions about lab tests and dosages and free physicians to spend time with other patients."

### What's Next?

Developing rural practice sites is part of a much bigger

picture, noted Dr. Turner. "These programs are very exciting. We want to use them to improve health care. We want to use them to help attract students from rural areas to become pharmacists."

"It's a unique opportunity," said School of Pharmacy student Deborah Coon, who volunteered to be the first student for the St. Mary-Corwin/Jeff's Valley Pharmacy rotation. "I hope pharmacy students recognize that the Colorado City clinic offers a great opportunity to become involved in providing pharmaceutical care in a rural town."



## School hosts annual student research conference in June

The School of Pharmacy will host the fourth annual Pharmacy Student Research Conference – Western Region, June 1 - 2.

This is a special and unique opportunity for pharmacy students to present their research efforts and share their experiences with students and faculty members from pharmacy schools throughout the western United States and Canada. The Merck Company Foundation generously provides funds to defray the costs of lodging, meals and travel for student presenters and faculty sponsors.

Conference information and abstract forms are available at [www.uchsc.edu/sp/sp/confmtg/merckmain.html](http://www.uchsc.edu/sp/sp/confmtg/merckmain.html). Online registration begins this month.



## Congratulations for making the Dean's List!

The following students were placed on the Dean's List for the fall 2000 semester. Each had a grade point average of 3.5 or better.

### P1

- Julie Ann Ball
- John Biesendorfer
- Martina Bjorhus
- Christa Bower
- Shaun Tay Canady
- Phuonglan Cao
- Antonio Cordova
- Amy Lee DeWispelare
- Samantha Dodd
- Megan Doty
- Renee Dye
- Oksana Fedorenko
- Heather Frank
- Jared Gallegos
- Saba Gidey
- Kimberly Harrington
- Chad Haukoos
- Lan-Anh Huynh
- Michael Kaiser
- Valerie Ku
- Donald Lamprecht
- Kelly Leader
- Judy Lee
- Christina Ludwig
- Paul Magee
- George Damien McGoff
- Jacqueline Nguyen
- Nghia Trong Nguyen
- Chinedu Okocha

- Thuy Doan Pham
- Jennifer Stone
- Colette Toavs
- Alene Thi Tran
- Toan Quoc Tran
- Laura Wadley
- Qing Wang

### P2

- Shakti Bachmann
- Michelle Boss
- Jennifer Brown
- Bichtho Conghuyen
- Jenise Davis
- James Gaspar
- Rhonda Gray
- Laurene Haga
- Amy Miller
- Rachelle Munsch
- Maryam Nikmanesh
- Hien My Pham

### P3/D1

- Jinhee Ahn
- Jennifer Bailey
- David Bigelow
- Michelle Bloom
- Jonathon Bryant
- Evguenia Chamis
- Patricia Chuong

- Robin Cogdill
- Elisha Delong-Sieger
- Kong Do
- Michelle Fittje
- Jason Gecewicz
- Timothy Georgia
- Kristi Guy
- Michele Johnson
- Heather Jorgensen
- Mahnaz Kalantari
- Emily Lefler
- Roger McDermott
- Larry Mitchell
- Ngan Nguyen
- Jessica Otero
- Byron Padilla
- Jennifer Pennington
- Catherine Peterman
- James Schott
- Lisa Schwellenbach
- Josi Snyder
- Kristen Stolley
- Morgan Swarr
- Debra Topping
- James Updegraff
- Kathy Vert-Beville
- Olga Vlassova
- Gregory Wrench
- Hyesung Yim
- Linda Zarei



### Development Council (Continued from page 3)

among the best in the nation — build endowments which allow them to carry on into the future in order to meet the needs of the students and industry," he said. "By giving back to the school, you are first of all expressing gratitude to the place that gave you your start. You also are making a commitment to future students to make sure they continue to have state-of-the-art education.

"Endowed academic chairs, funded at \$1.5 million," Dr. Diamond pointed out, "give schools attractive leverage in recruiting nationally respected faculty, as well as attract-

ing government and corporate funding support. The future of the school really rests with endowments. With compounding interest, they will enable the school to be innovative, to keep up with the latest technology and to continue to attract quality faculty."

Dr. Shell reiterated that the Development Council is looking for support at any level. He said, "We want to be sure that we are able to help both the faculty and the students who are, after all, what the institution is all about."



## Marguerite C. Holden Annual Lecture highlights e-commerce

The School of Pharmacy's school-wide seminar program featured Jean Paul Gagnon, PhD, director of public policy at Aventis Pharmaceuticals Inc., as its first invited speaker for the spring semester.

Dr. Gagnon presented the Marguerite C. Holden Annual Lecture, entitled "e-Commerce Implications for Pharmacy and Other Health Care Professionals." John and Marguerite Holden were honored guests at the presentation.



Jean Paul Gagnon, PhD

A well known health-policy analyst, Dr. Gagnon focused his message on the impact of technology on health care, especially pharmacy practice. His presentation centered around the Internet and the use of personal digi-

tal assistants (PDAs) to help make health care more efficient, more timely and more beneficial to the patient.

"Consider this a wake-up call about the vast benefits of the Internet," he said. "Look at how e-commerce will help create opportunities, not detract from pharmacy practice."

Dr. Gagnon noted that today's students have an advantage because they are so familiar with cell phones and Palm pilots. "You have an opportunity to play a major role in virtual medicine," he told the audience of 250 students and invited guests. With volumes of drug information stored on PDAs, he said, doctors and pharmacists can instantly look up information about drugs, drug doses, drug interactions and other relevant drug information to resolve patient medication problems.

In closing remarks, Dr. Gagnon urged all students to join e-commerce by purchasing a PDA and downloading the many drug information resources available to them on the Internet.

At the reception that followed in the Skaff Common Room in the School of Pharmacy, many students engaged in lively discussions with Dr. Gagnon and eagerly demonstrated their expertise with using drug and medical information stored on their PDAs.



Marguerite Holden, front, left, chats with students during the reception.

### Upcoming SOP Seminars

#### April 5

Dean's Distinguished Seminar Series  
Ralph Christoffersen, PhD  
CEO, Ribozyme Pharmaceuticals Inc.

#### April 12

Heidi Anderson-Harper, PhD  
Professor and Chair, Department of  
Pharmacy Care Systems, Auburn  
University School of Pharmacy  
"Technology on the Horizon"

## Lorinda Girouard gets jump-start on graduate school

Lorinda Girouard got a jump-start on graduate school. The first-year graduate student started taking classes while finishing her bachelor's degree.

"She didn't wait around to go to graduate school," said Richard Irons, PhD, professor of toxicology in the CU School of Pharmacy, who currently supervises Lori in her research rotation.

Self-motivated and determined, Lori carefully charted her graduate school course. "I began with work study and worked in a lab," she said. "I then decided I wanted to graduate with honors."

One decision led to another.

"While working with me, she realized she liked research and wanted to pursue her PhD," said Tom Anchordoquy, PhD, assistant professor in the CU Department of Pharmaceutical Sciences. He supervised Ms. Girouard's undergraduate honors project, a study on how to stabilize gene delivery systems. Dr. Anchordoquy noted that she continues to be involved in the study.

The lab has become one of her favorite places.

"I really enjoy research and lab work," said Lori, who is studying the fundamentals of pharmaceutical science (drug development, drug delivery, drug formulation).

Looking ahead, Dr. Irons explained the potential impact of Ms. Girouard's research. "She is studying how some drugs and chemicals can suppress blood-forming cells in the bone marrow. In the future, this research could lead to being able to predict the susceptibility for individuals who are at risk for developing aplastic anemia and other diseases of the blood."

What else is Lori doing this year?

Her graduate studies also involve being a teaching assistant for the professional skills class in the school.

## — Correction —

In the December 2000 issue of the School of Pharmacy *NEWS*, one of the students pictured on page 2 with seminar speaker Robert Smith, PharmD, was incorrectly identified. The student shown is Vakindi Unvu, P2 class.

March 21, 2001

# Thank you, donors, for your generosity!

Our work at the School of Pharmacy is to educate the next generation of pharmacists. This work is greatly facilitated by the wonderful generosity of the individuals listed here.

Every gift has made a difference, and each gift has added to the quality of the education, research and service programs provided by the school. We are sincerely grateful to our donors for their ongoing support and confidence.

If, in this honor roll for calendar year 2000, we have omitted or misspelled your name or credited only your spouse or otherwise made a mistake, please notify Susan Saunders at the School of Pharmacy, UCHSC, Mail Stop C-238, 4200 E. Ninth Ave., Denver, CO, 80262 or e-mail Susan.Saunders@uchsc.edu.

1938	Annibel Gardner		John Wiseman
1941	George Masunaga	1958	Ronald Wreath
1946	Marguerite Holden	1959	Arnold Hayutin
1947	E. Byron Smith		Robert Hillier
1948	Rudy Anselmi		Richard Muhlhauser
	Edwin Campbell		Emmett Seal
	Edward Kinzer		Edward Skaff
	John Moore		Luella Wagner
	Evelyn Timmons		
1949	Henry Asaoka		
	William Chinn		
	Lester Lakey		

**Total, 1950s: \$12,155**

**Total, 1930s & 1940s: \$14,245**

1950	Lillian Bird	1961	Richard Hays
	Dwayne Else		Philip Heddles
	Quentin Hookey		Ronald Kayne
	Gerald Roberts		Mary Ann Kern
	Stanley Stein	1962	Larry Gonzales
1951	Robert Goettsch	1963	Carole Ballegeer
	H. Douglas Kennedy		Richard Bussing
	Rokuro Kurihara		John Gillen
	Robert Lawson		Myrle Myers
	George Lohmiller	1964	Richard Hayes
	Barbara Shell	1965	Rita Morrill
	Henry Strauss		John Panepinto
1952	Jack Bakeman	1967	Dwight Sullivan
	Robert Robles	1969	Thomas Alexander
	David Ulibarri		Joyce Stoddard

**Total, 1960s: \$10,002.12**

1970	Jerry Levi		W.E. Linderholm
	Carol Scott		Wesley Woolridge
1971	Joseph Jones		Joseph Klune
	James Newell		Mark Noble
1972	Margaret Haycraft		Guy Bowen
1973	Susan Seastone		Ketsy Smith
1974	Jerry Blevins		Valdis Kalnins
	Michele Lester		Ralph Voight
1975	Sharon Coffey		Joseph Foltmer
	Janice Gabrielse		John Kennison
	Timothy Mead		Gerald Young
1976	Hale Davis		Stephen Fenick
	Michael Forsyth		Chris Hoolhorst
	James Neering		Albert Quintana
1977	Gary Delander		Joseph Valdez
	Deborah Lichtenberg		

1978	Marsha Bloodworth
	Thomas French
	Lorraine Hisamoto
	Brenton Libby
	Robert Light
	Robert Rodriguez
	Richard Saxon
1979	Elizabeth Conforti
	Judy McEvitt
	Francine McFadden
	Deborah Peterson
	Lewis Schwartz

**Total, 1970s: \$6,105**

1980	Charles Bixby
	Lynn Carroll
	Frederick Glogiewicz
	Daniel Jen
	Donald Kautz
1981	James Armstrong
	Lisa Feagans
	Michael Simons
1982	Kevin Fraker
	David Frydendall
	Julie Renehan
	Laura Tyndall
	Gary Ungerman
1983	Dennis Blair
	Carrie Hopkins
	Therese Jordan
	Robert McGraw
	Cindy O'Fallon
	James Stupnik
1984	David Beer
	Joseph Deuschle
	Pierre Gamache
1985	Steven Fukumoto
	Lynn McIntire
	Cheryl Scott
	Randi Zavislan
1986	Lori Brown
	Dawn Caspers

	Darla Chase
	Donna Gesumaria
	John McEntee
	Jairo Ramirez
	Terry Seaton
	Connie Tigner
1987	Nancy Junker
1988	Marilyn Bumgarner

**Total, 1980s: \$1,850**

1990	Diane Lumpkin
	Thomas Magara
1991	Nina Becker
	Elizabeth Nowakowski
	Lisa Pilgard
	Dawn Renouf
1992	Lyal Beattie
	Lauri Engelhardt
	Valentine Sanger
1993	James Brassell
	Duane Dorscheid
1993	Judy Geller
	Zahra Shaghaghi
	Monica Van Vorst
1994	A. Dale Blossom
	Pamela Bower
	William Budney
	Tammy Meigs
1995	Jamie Barnes
	Michelle Fazio
	Susan Hickle
	Robin Korac
	Kris Sosa
1996	Deborah Coker
	Barbara Peterson
	Vicki Whipple-Mueller
1997	Stephen Cook
	Thomas Heissenbutel
	David Strand
1999	Brenda Mehos

**Total, 1990s: \$1,733**

**Friends**

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Jacci Bainbridge  
Evelyn Burson  
Miriam Denham  
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Hae Won Kwon  
Lois LaRose  
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## What's Happening?

Name \_\_\_\_\_ Degrees/Year \_\_\_\_\_

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Year \_\_\_\_\_

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## Kaiser Permanente joins corporate sponsorship program

Kaiser Permanente has joined the School of Pharmacy's corporate sponsorship program by providing a generous gift, according to Sheldon Steinhauser, director of endowment campaigns at the school.

Kaiser Permanente joins Geneva Pharmaceuticals and Safeway, among other corporations, in supporting the school's two endowment funds. The gift will help fund the School of Pharmacy Endowment, which supports a variety of services benefiting students.

The corporate sponsorship program was initiated in 2000 as the school began to assertively seek funding for its two endowment funds: the School of Pharmacy Endowment and the Heim Endowment, which supports graduate education and research.

"When we began to activate our endowment campaign last year, we felt it was really important to find ways of involving the 'natural constituents' of the School of Pharmacy," Steinhauser said, explaining the corporate campaign. "These include corporations with the most interest in the practitioner side — they recruit our graduates — and companies interested in the research side, including our graduate education program and active research."

The corporate sponsorship program provides interested companies with "services and amenities that are beneficial to them as well as to the school," Steinhauser added. "They gain an opportunity for more contact and involvement with our

students and faculty, as well as more visibility within the school."

Dennis Helling, PharmD, director of pharmacy operations at Kaiser, said that he and Kaiser Regional President Chris Binkley were intrigued by the prospect of offering financial support to the school.

"We have had a wonderfully productive relationship with the school, and we have had a number of joint programs during these years," Dr. Helling said. "We made the contribution as an organization so that we could assist the School of Pharmacy to further its programs and to facilitate the voice from the community be-

ing heard within the school."

Dr. Helling also noted that many of Kaiser's pharmacists are University of Colorado pharmacy graduates. "We actually have more CU graduates than from any other pharmacy school, so it is in our best interests to be as supportive as possible of the academic and research programs at the School of Pharmacy," he said.

Steinhauser said the corporate sponsorship program is targeting chain drug, pharmaceutical, biopharmaceutical and managed care corporations.

For more information about becoming a corporate sponsor, call Sheldon Steinhauser at (303) 315-0983.



## Students benefit from big opportunities at Kaiser rotations

When final-year pharmacy students are ready to begin a year of clerkship rotations, many look no farther than Kaiser Permanente.

The school has a long-standing relationship with Kaiser which now has grown to the point that Kaiser offers more than 100 rotations a year in its ambulatory clinics and community pharmacies. "Each year, about 50 final-year students complete several of their required six-week clerkships at Kaiser because of the depth of experience they can gain," said Christopher Turner, PhD, director of School of Pharmacy experiential programs.

"We send more students to Kaiser than to any other organization," said Dr. Turner, describing the partnership as win-win.

"Kaiser has high standards," he continued. "They are practicing pharmacy at the level we hope to see it practiced. It's natural we'd want to send our students there."

"The Colorado Board of Pharmacy requires students to complete 1,800 hours of experiential training, 1,400 of these are completed during their schooling," he said. "That means students are doing real work during their rotations, gaining experience and giving Kaiser pharmacists extra help with their workloads."

"This partnership is important for our educational and research missions," said Susan Downard, RPh, chief pharmacist at Kaiser's Lakewood

location, who helps coordinate Kaiser's academic programs. "In a time of pharmacist shortages and staffing issues, it also helps with recruiting because we get to showcase Kaiser and the HMO experience. Plus, it helps us get work done."

She said students benefit from seeing a spectrum of pharmacy careers. Because Kaiser's information systems are cutting-edge, students gain technology experience unlike any other. Students also benefit from the enthusiasm of their preceptors.

"I think having students here offers our pharmacists a new perspective, plus intellectual stimulation," Ms. Downard added. "The students ask a lot of tough questions. Also, it's rewarding that preceptors help students avoid some of the pitfalls encountered by new pharmacists."

Students start their Kaiser rotations with a half-day orientation program and three days of internal training on patient consultation skills, critical drug interactions and legal and ethical issues. They also must complete a project and a presentation on a topic of their choice.

Dr. Turner said Kaiser's approach is among the most challenging students may encounter. "They are worked hard," he explained. "High expectations are placed upon them and, from our perspective, that is a good thing."



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## — Alumni News —

### In Memoriam

- ◆ Pamela Knutson, Class of 1999, died Feb. 26, 2001.
- ◆ Dorothy Crowell Grum, Class of 1941, died Oct. 21, 2000.
- ◆ The School of Pharmacy recently received notice that John H. Nelson, Class of 1956, and Kenneth Morrell, Class of 1949, had died.

### Birth Announcement

- ◆ Aimee Schwengler, Class of 1993, and husband Tom Schwengler, have had their first child, Melanie Catherine, who was born July 20, 2000.

