

# Pharmacy Graduate

University of Wisconsin–Madison

Pharmacy Alumni Association

Fall 2002

## Students learn much at varied Pharmacy sites

By Jean Hetzel, PharmD '02

Pharmacy's role in healthcare keeps growing and the UW School of Pharmacy has expanded its curriculum to prepare its students for the future. Fourth year PharmD students are now required to complete six clerkships. Each is seven to eight weeks long, and students must complete one in ambulatory pharmacy, one in inpatient clinical pharmacy, and four elective clerkships. Through these electives students can explore the varied world of pharmacy practice and career directions.

"Students not only get the traditional community and hospital rotations, but we offer some pretty interesting alternative practices. We try to provide a wide variety of practice settings for the student so he or she can try out many types of pharmacy practice," says Mara Kieser who directs the UW SOP Experiential Education Program.

Ranging from government to industry, professional associations to private enterprises, alternative clerkship sites provide unique learning opportunities. Each involves full-time work at a pharmacy site, projects, drug information questions, and discussion sections. Recently, a student and two recent graduates reported on their elective clerkship experiences to the UW SOP Board of Visitors.

The Ramah-Zuni clerkship is a unique cultural experience due to the Navajo and Zuni patient population according to **Sarah Groen** (PharmD student, Class of 2003). She chose a clerkship with the Indian Health Services (IHS) in Zuni, New Mexico. Both language barriers and tribal health beliefs influence the way healthcare services are provided. Pharmacy interactions often involve Zuni or Navajo translators, and many patients use a medicine man along with IHS doctors.

"Alternative pharmacy clerkship sites are important because they expose



Pharmacy students like Sarah Groen (top left) learn and grow in clerkships—at both traditional sites and alternative ones like this one with the Indian Health Service in Zuni, New Mexico.

students to a wider scope of practice options than those that are emphasized during coursework," Groen says.

Pharmacy practice at this IHS facility is exceptional, she notes, because pharmacists have access to patient charts for performing the final review, and all consultations take place in private consultation rooms.

During this clerkship she learned openness to different health beliefs and a better appreciation for individualizing consultations to meet patient needs.

She noted that her clerkship experience gave her the opportunity to interact with cultures that few people experience.

Exploring three very different sites taught **Sarah Fictum**, PharmD '02 "to keep an open mind and open ears," she says. At Women's International Pharmacy, she was able to improve her compounding techniques, knowledge of alternative therapies, and communication skills. The site is a compounding pharmacy in Madison that specializes in natural hormone replacement for women and men.

Fictum participated in a wide range of professional activities including professional meetings, publications, and government affairs at her second clerkship at the Pharmacy Society of Wisconsin. She wrote two articles during this clerkship that were published in the Society's journal. This experience helped her appreciate the importance of pharmacy professional organizations, she says.

At Neighbor Care, a pharmacy specializing in long-term care, assisted living, and infusion therapy, Fictum faced the complexities of geriatric medicine and IV product administration. She feels that this clerkship significantly strengthened her ability to perform medication reviews and integrate information from multiple sources.

"Not only are clerkships important as pharmacy practice experience, but also as experience interacting with other pharmacists and healthcare professionals," Fictum says. "It is important for preceptors...to act as role models for the student's future professional and personal life."

**Jean Hetzel**, PharmD '02 spoke about her experiences at HospiceCare, Inc. HospiceCare provides inpatient and outpatient services to patients with life-limiting illnesses who have chosen to pursue palliative instead of curative care.

*continued on page 2*

## More enrollments, more qualified students, more future pharmacists

Melvin Weinswig, RPh, PhD  
Dean

The School of Pharmacy admitted 20 additional students this fall, the second year our entering PharmD class has totaled 130. Although we cut enrollment to 110 when we instituted the PharmD, we soon recognized that this number would not address Pharmacy's serious workforce needs.

Fortunately, with our wonderful new building and highly capable faculty, we can comfortably meet these students' on-campus teaching needs. Within the next year, however, we will be reaching out to Wisconsin pharmacists to help us establish the additional rotation opportunities these students need.

The pharmacists of Wisconsin have always been extremely loyal and helpful to the School in providing experiential education opportunities for each new group of pharmacy students. You benefit from the students' energy, skills, and cutting edge knowledge; and they benefit from the high quality sites and innovative practices you offer. Preceptors also gain

the status of Clinical Instructor with access to UW through computer links and opportunities for training.

The program has grown geographically too, now including Fox River Valley and Eau Claire locations. And we hear that students from those areas appreciate having the opportunity to spend their final year in their home communities.

We can all be very proud of the superb quality education we together provide our students. In the last eight years, not a single Wisconsin student has failed the national certification exam.

Credit also goes to the students, of course. This year we had 300 people

apply and as the pool has grown so has the quality of the applicants. Their grade point average ranged at and above a 3.00, with an average of 3.5. Many have more than the minimum two years of school: 60-65% have put in three years, and 30% already have degrees.

Your support is critical to the reputation and quality that attracts so many excellent candidates to our degree program. You can take pride in the School and I hope you will continue to invest in the future of Pharmacy in Wisconsin with the next Dean as you have done so warmly in the past.

Finally, as you may have already heard, I will be retiring from the School of Pharmacy in July, after 34 years on the faculty, and eight years as Dean. I hope you will have the opportunity to join me in celebrating that event and welcoming the new Dean in the forthcoming months.

### **The Wisconsin Pharmacy Graduate**

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Visit our website: [www.pharmacy.wisc.edu/alumni](http://www.pharmacy.wisc.edu/alumni) Send comments, address changes or membership information to:

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*Students gave Dean Mel Weinswig a standing ovation at the September scholarship presentation recognizing his commitment and successful scholarship fund raising.*

### **Learning at varied Pharmacy sites**

*from page 1*

Pharmacists are part of a multidisciplinary team that cares for the whole patient, addressing medical, psychological and social needs.

"This clerkship clearly illustrated for me how pharmacists can act as patient advocates and insure that patients are receiving the most appropriate pharmaceutical care for their situation," says Hetzel. She learned about palliative care, a subject not covered extensively in the pharmacy curriculum.

Pain control and prevention are of cardinal importance in hospice care and pharmacists have the ability to be pain-control advocates for patients, Hetzel says.

These are just a handful of the alternative experiences currently available to UW Pharmacy students. Exposure to these unique sites helps prepare them for the ever-widening scope of practice and may encourage some to pursue careers in specialty fields of pharmacy.

As the School of Pharmacy's newly expanded class sizes approach their fourth year, the School will need many new clerkship sites in ambulatory and inpatient practices, and other settings. If you are interested in being a clinical instructor or applying to become a clerkship site, please contact Mara Kieser at 608/262-6168 or [makieser@pharmacy.wisc.edu](mailto:makieser@pharmacy.wisc.edu).

## And now the news...

Kathy Skibinski, RPh, MS  
Secretary, PAA

Reunion Weekend was tinged with sadness this year. The PAA and Pharmacy in Wisconsin lost a great booster and a dear, wonderful man. Dick Krumbiegel, RPh, '61, died on Thursday, October 3. I like to think, though, that Dick's spirit was with us at the social events and watching the game...dressed in Bucky Badger red, of course.

Dick was very proud of involving alumni in celebrations, in support for the School of Pharmacy, and especially in the exceptionally generous contributions which made Rennebohm Hall a reality. So with Dick's spirit beside me, I am happy to report the activities of the PAA in 2002.

At the annual business meeting in July the Executive Committee nominated Pharmacist Mary Rice, RPh, PharmD, BS '75 of Milwaukee, as President-elect for 2003. Rice works as a Clinical Coordinator at St. Mary's/Columbia Hospital in Milwaukee.



The 2003 PAA lineup: Pat Vandehey, past President, Randy Miller, President; and Mary Rice, President-elect.

The 4th Annual Scholarship Golf Tournament raised \$15,000 for the PAA Scholarship Fund, through registration fees from 78 golfers and significant support from corporate sponsors. Next year's tournament will be Friday, June 13, 2003, at The Meadows of SixMile Creek. Please mark your calendars to participate in this fine event. Golfers of all abilities are

invited. See details in the next newsletter or check our website starting in February or March. This is a fun opportunity to support Pharmacy students through the PAA Scholarship Fund.

Also adding to the Scholarship Fund was \$1000 from a Sports Memorabilia Raffle at this year's Reunion Weekend.

Thanks to your generosity, we awarded a total of \$23,000 to 23 deserving students in September. With class sizes now up from 110 to 130, the PAA is working on ways to offer even more scholarship support in future years. We've established a permanent scholarships endowment fund, made possible by your outpouring of contributions to the Legacy Brick campaign.

### Legacy Brick Scholarship Fund

The Legacy Brick walkway now has over 650 bricks honoring recent graduates, historic faculty, pharmacy families, and more. We will be installing bricks again this spring, and every year, in time for Commencement in May. In 2002 a commemorative brick was added. It reads:

**The Pharmacy Alumni Association**  
*In Recognition Of Those  
Who Have Paved the Way For  
A New Era In Pharmacy...  
A Commitment To Scholarships...  
A Vision For The Future...*

There is plenty of room for more bricks and prices have not been increased. If you have not bought a brick, you can still do so—a great value at \$100 for lifetime members and \$150 for other alumni!

### Events

Reunion Weekend is our biggest annual alumni event (more than 350 participants this year!), and the golf outing is growing; both are in the Madison area. In addition, the PAA supported national receptions at the ASHP Midyear Clinical Meeting in New Orleans and at the APhA meeting in Philadelphia.

If you have missed out so far, join the fun at our next events: ASHP, Sunday,

## Future PAA reunions All alumni invited

Classes of	Reunion
'53, '63, '73, '78, '83, '93, '98	2003
'54, '64, '74, '79, '84, '94, '99	2004
'55, '65, '75, '80, '85, '95, '00	2005
'56, '66, '76, '81, '86, '96, '01	2006

December 8 in Atlanta or APhA on Monday, March 31, in New Orleans (see page 5). I hope to see you there.

### Staying in touch

Along with events, the website and this newsletter help us keep in touch with you. The newsletter will get a new look beginning with the next issue which will mirror the design adopted by the University and the School of Pharmacy for the recent commemorative booklet sent at Rennebohm Hall's dedication. The website will be modified also to be more accessible to those with visual handicaps, as is campus policy.

Finally, we need your help. We are working with the Registrar's Office and other campus alumni groups to maintain more accurate alumni files. To keep your contact information and place of employment up to date, we invite you to access the Wisconsin Alumni Association's website at <http://home.uwalumni.com>. Click on Online Directory and register as a user.

If you use email, please send your email address to us at [pharmalum@pharmacy.wisc.edu](mailto:pharmalum@pharmacy.wisc.edu), so we can update your record.

Until we meet again...  
Skibby

P.S. Are you a Lifetime Member yet? Membership invoices have been sent out. I hope you'll send your check today. Use the form on page 7 or on our website: <http://www.pharmacy.wisc.edu/alumni>. The Association welcomes your support.



## Faculty welcome Dopp, Kopacek

**John Dopp, BS '98, PharmD '99** has joined the UW School of Pharmacy as Clinical Assistant Professor in the Pharmacy Practice Division. He recently completed a Cardiovascular Research Fellowship at the University of Iowa. Before that he practiced for a year at UW Hospital and Clinics as a Clinical Pharmacist and Instructor on the Cardiology and Cardiovascular Surgery



units. His research focuses on vascular biology and function and the cardiovascular effects of sleep disordered breathing. His hobbies include soccer, running, hunting, skiing, enjoying the Madison lakes with his family, and "just about any other outdoor activities."

**Karen Kopacek, RPh**, has joined the UW SOP faculty as a Clinical Instructor coordinating the Pharmacotherapy Lab. A 1988 graduate, with distinction, of the University of Iowa College of Pharmacy, she has worked as a hospital pharma-



cist specializing in Cardiology and Critical Care Medicine in several Wisconsin hospitals, most recently at St. Luke Medical Center in Milwaukee. In 2000, she changed career focus, returning to Madison to help develop a drug information service for the Dean Medical Center. She is married and enjoys reading, gardening, cooking, kayaking, and playing with her three dogs.

## Smith named Alumna of Year

Charlotte A. Smith, BS '68, MS '80, was named PAA Alumna of the Year for 2002 in recognition of her outstanding achievements, leadership, and loyal commitment to the University of Wisconsin School of Pharmacy, including serving as current chair of the UW SOP Board of Visitors.

Smith began her career in a variety of traditional pharmacy positions in Wisconsin, Texas, North Dakota, and Colorado. Then, in the late 1970's she became Assistant to the Dean of the School of Pharmacy and was responsible for program planning, curriculum development, teaching, and technical editing. She was listed in 1978 as one of the Outstanding Young Women of America.

In the 80's, Smith was involved in product development, marketing and sales of natural food products as Vice President of Sales and Marketing for Wheatstone Programs and Products. Then at Concept Marketing Associates she was responsible for durable and disposable medical equipment sales. She continued her work with wholesalers and retailers as she became the Director of Training for D.P. Hamacher and Associates.

Seeing a need, Smith co-founded Capital Returns, Inc., a nationally known pharmaceutical reverse distributor, and was its President and Chief Regulatory Advisor for 10 years. She is currently President of PharmEcology Associates, LLC which she founded in 2000 to assist healthcare facilities in reducing and managing pharmaceutical waste.

In these positions, Smith pioneered the application of the EPA's Resource Conservation and Recovery Act regulations to pharmaceutical waste streams within the reverse distribution industry and developed management systems to assist healthcare facilities in reducing pharmaceutical waste. She has published and lectured extensively on hazardous materials and reverse distribution.

Smith is passionate about her business ventures, career and life. She is energetic, inspirational, pleasant, approachable, and a great role model for women in pharmacy.



*Alumna of the Year Charlotte Smith, President of Pharm-Ecology Associates, LLC, with Kathy Skibinski (l.) and PAA President Randy Miller.*

## Creating the future — UW School of Pharmacy endowments

By Linda Halsey, Director of Development  
School of Pharmacy, UW Foundation



Private support from alumni, individual friends, businesses, and foundations, has provided the margin of excellence at the UW School of Pharmacy.

Thanks to you, we begin the 21st century with a state-of-the-art facility, a renowned faculty, an advanced curriculum, and a dedication to community health care needs. This strong base is a powerful launch pad

for our second century of exceptional Pharmacy education in Wisconsin.

As we build our future, endowed funds will play a critical role. An endowment is a gift that lasts: a permanent fund invested to maximize its value over time. Each year some proceeds are distributed to an area chosen by the giver, while the principal remains and grows to provide continuing support. Endowments are a staple of private giving in higher education that can grow quite large over time, and often feature the name of the donor.

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It takes a modest pledge of \$10,000 to establish an endowed fund, and the gift may be funded over several years. You can create an endowment with gifts of cash, real estate, personal property such as art, or appreciated property such as stocks, bonds or life insurance policies.

Endowed funds are tremendously important for several reasons:

- The principal is invested for future growth. Only a portion of the return is used each year.
- Endowments are permanent, benefiting School of Pharmacy people and programs forever.
- They are one of the best vehicles a university can use to keep tuition costs affordable.
- Endowments help attract and retain today's outstanding faculty as well as tomorrow's brightest scholars.
- Endowed gifts can help transform the future by supporting new avenues of investigation.

Competition for top faculty and students is growing each year. At the same time, public universities like ours face intense pressures as demands on state budgets increase. Endowed scholarships, fellowships, professorships, and named chairs will allow the School to keep the best in Wisconsin, and keep Wisconsin among the best, through direct support to students and faculty.

Endowments launched today will help propel tomorrow's School of Pharmacy to new heights of excellence.

To discuss endowed funds or other gift opportunities please contact Linda Halsey at the UW Foundation, 608-263-6172 or [Linda.halsey@uwfoundation.wisc.edu](mailto:Linda.halsey@uwfoundation.wisc.edu)

### Corrections

Ruth Havemeyer's correct title is Director of Research Administration

One of our golf outing sponsors was Professional Compounding Centers of America, not Pharmacy Compounding Centers of America as we mistakenly wrote.

## In Memoriam: Dick Krumbiegel



Dick Krumbiegel, RPh, BS '61, died Thursday October 3 at the age of 67, from complications of diabetes. He dedicated his life to the pharmacy profession, serving as Director of the Pharmacy Internship Program for 27 years, and as Assistant Dean for External Relations at the UW School of Pharmacy. He was honored as Distinguished Alumnus by the Pharmacy Alumni Association and in 1999 received a Citation from the University of Wisconsin for his many years of service to the School of Pharmacy.

Dick brought his zest for life and love of a good party to the Pharmacy Alumni Association, where he was Secretary from 1988-1998. Under his enthusiastic leadership Association membership grew rapidly and alumni activities like Reunion Weekend became major events.



Dick Krumbiegel

Dick was a natural for alumni relations since, through the Internship program, he had met and talked to nearly every Pharmacy graduate for 27 years. He remembered and kept in touch with many of them throughout their careers, especially those who became preceptors.

In his farewell column in this newsletter Dick said: "Without a doubt, the single most challenging and satisfying activity for me was to be part of establishing a plan and executing the drive for a new Pharmacy School building." Although he lost his sight before the structure was finished and was never able to see it, his enthusiasm remained strong.

Dick had many other passions in life: fishing, traveling, good food, working on his home and his cabin in Three Lakes, cheering for the Badgers, keeping in touch with friends around the country, and listening to jazz. Fittingly, his memorial service closed, as he had requested, with a trumpet and piano playing, "When the Saints Go Marching In."

He is survived by his wife of 39 years, Charleen, two daughters Kristin (Thomas) Hanson, and Gretchen (Kirk) Odegard, and three grandchildren, Conner, Natalie, and Bennett Hanson. Memorials may be made to the UW Foundation (Richard Krumbiegel Memorial Scholarship Fund), P.O. Box 8860, Madison, WI 53708-8860.

You are cordially invited to meet your fellow alumni and friends at the

### Wisconsin Alumni Receptions

Cash bar and hors d'oeuvres

American Society of Health-  
System Pharmacists (ASHP)  
Hilton Atlanta, Grand Salon East  
Atlanta, Georgia  
Sunday December 8, 2002  
6:00-9:00 p.m.

American Pharmaceutical Assoc.  
(APHA) Annual Convention  
New Orleans Hilton  
New Orleans, Louisiana  
Monday March 31, 2003  
5:00-6:30 p.m.

#### Sponsored by

UW School of Pharmacy ♦ Pharmacy Alumni Association  
UW Hospital Pharmacy Department ♦ Pharmacy Society of Wisconsin

# Participants appreciate Clinical Practice Symposium

By Jean Hetzel, PharmD '02

Pharmacy Practice faculty presented their recent research at the First Annual Clinical Practice and Research Symposium, October 14. Participant Greta Cherayil, PharmD, BS '84, commented: "The faculty's concise presentation of information allowed the audience to learn basic concepts about several different fields of research in one afternoon." Cherayil, of Pfizer's Clinical Education Department, is a member of the UW SOP Board of Visitors which met that morning.

Dave Zilz, RPh '62 (a "longtime UW Alum") especially praised the presentation given by Mary Beth Elliot. Her topic: *Androgen deprivation in veterans with prostate cancer: implications for skeletal health*, provided "the right combination of patient and pharmacist pointers at a pace and level that were appropriate for the audience," he said.

A special guest at the symposium was Dave Forbes, BS '68, PhD '73, Dean of the School of Pharmacy and Allied Health Sciences, University of Montana. "The symposium was an

excellent opportunity to showcase clinical faculty and for those faculty to share some of their practical knowledge," he said. He particularly enjoyed the poster presentations and the opportunity to interact individually with the authors.

Dean Forbes is considering initiating a similar program at the University of Montana and tying it to other campus events of interest to alumni, such as Homecoming weekend.



K. Don Lindsay's (center) gift sparked the First Annual Clinical Practice Research Symposium which was planned by (l.-r.) Professors Curt Johnson, Christine Sorkness, Connie Kraus, and Barry Gidal.

## Alumni recognized for contributions

Four Pharmacy alumni received UW Citations at Reunion Weekend ceremonies in October. Dean Mel Weinswig commended John P. Bohlman, Kenneth Connors, Ruth N. Havemeyer, and Vincent H.L. Lee for their significant contributions to the field of Pharmacy.

**John Bohlman** RPh, BS '74 was recognized as "an exemplary member and servant of the pharmacy profession," for having created a model practice environment in Boscobel and making significant contributions to the profession and future of professional organizations in Wisconsin.

Bohlman began his career in Milwaukee at Deaconess Hospital but soon returned to his roots in Boscobel, Wisconsin, to assume the Presidency of Bohlman Pharmacy, established in 1934 by his father, Vilas. He continues there today and the original pharmacy has grown into Bohlman Drugstore, Inc. and Infusion/ Pharmacy Services, Inc. Bohlman who has served as a Clinical Instructor for the School of Pharmacy for over 20 years, also practiced pharmacy at local hospitals and continues as a Consultant Pharmacist to multiple southwest Wisconsin nursing homes.

Bohlman has served as member and Chair of the State's Pharmacy Examining Board and in numerous leadership roles, including President, with the Wisconsin Pharmacists' Association, becoming the first recipient of WPhA's Innovative Pharmacy Practice Award. He was instrumental in creating the Pharmacy Society of Wisconsin. He is also a respected civic leader, contributing to health care advisory boards and committees, and to the Boscobel Chamber of Commerce, and chairing Boscobel's master plan project.

**Kenneth A. Connors** MS '57, PhD '59, has served the UW School of Pharmacy for over 40 years. He was celebrated for his "contributions and dedication to the University of Wisconsin School of Pharmacy as a scientist and professor, and service to the pharmaceutical sciences research community."

He came here with an undergraduate degree from the University of Connecticut, earning his MS in 1957 and his PhD in 1959 with a major in pharmaceutical analysis. His graduate work and research were done under the direction of the legendary Takeru Higuchi. After post-doctoral work, Connors returned to

Madison in 1962 as a full-time faculty member.

Connors' research career focused on organic analytical reactions, their catalysis, mechanisms, and applications, and on kinetic methods for the analysis of mixtures and the chemistry of molecular complexes. He is author or co-author of 89 published research articles and nine textbooks. He has supervised theses and dissertations of more than 40 graduate students and authored more than 30 other published reviews and educational contributions. He received the Justin L. Powers Research Achievement Award in Pharmaceutical Analysis in 1980 from the Academy of Pharmaceutical Sciences and has been honored as an elected Fellow of the Academy of Pharmaceutical Sciences (1972), the American Association for the Advancement of Science (1981), and the American Association of Pharmaceutical Scientists (1986).

Connors served as an Assistant Dean for graduate studies (1968-72), as Associate Dean (1975-76), and as Interim Dean from 1991 to 1993. His leadership on the School's Building Committee was a driving force in achieving the creation of Rennebohm Hall. Recognition for his teaching included being invited as the Centennial Lecturer at the University of

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Connecticut's School of Pharmacy in 1981. Before retiring in 1997 he was voted a UW SOP Teacher of the Year three times, and he was named a Distinguished Pharmacy Educator in 1995 by the American Association of Colleges of Pharmacy.

**Ruth Havemeyer** PhD '60, earned a Bachelor's degree from Columbia University, and a Masters degree in Pharmacy at Purdue University. She achieved her PhD from the UW SOP in 1960, under the guidance of Professor Takeru Higuchi. She was honored for her "significant contributions to the pharmaceutical industry, to pharmaceutical research and research administration," and her "strong support of and commitment to the UW School of Pharmacy."

Havemeyer worked six years as a Research Scientist in pharmaceutical development at the Squibb Institute for Medical Research in New Brunswick, New Jersey, before joining Syntex Research in Palo Alto, California. The first female PhD ever hired by Syntex, Havemeyer enjoyed a varied career there for 28 years, including positions as a Research Scientist in pharmaceutical development, as Product Development/Project Management Manager, and lastly, as Director of Syntex's Research Administration and Research Division budget.

She has served as a member and Chair of the Pharmaceutical Manufacturers' Association's Research and Development Finance steering committee, as member and Chair of the American Foundation for Pharmaceutical Education's Board of Grants, and for several other organizations. In 1990 Havemeyer was named PAA Alumna of the Year, and served from 1995 to 1997 on the School of Pharmacy's Board of Visitors where she contributed signifi-

cantly. For her extraordinary generosity to the University of Wisconsin, she was made a life member of The Bascom Hill Society. In retirement, she serves her Palo Alto community as a volunteer reader to elementary school children and as a recorder of books for the blind.

**Vincent H. L. Lee** MS '78, PhD '79 was honored for his "extraordinary contributions to the worldwide pharmaceutical research community as a prominent pharmaceutical scientist, editor and university educator." A native of Hong Kong he earned his Bachelor's degree in pharmacy at Ferris State University, then his Masters and PhD at UW SOP in pharmaceuticals, studying under Professor Joseph Robinson. He then joined the faculty of the University of Southern California and rose in the academic ranks, where he has been Chairman of the Department of Pharmaceutical Sciences since 1990. He is also a Professor of Ophthalmology in the School of Medicine, and the School of Pharmacy's Associate Dean for Research and Graduate Affairs.

One of the School of Pharmacy's most active alumni in service to the research community, Lee has been President of the American Association of Pharmaceutical Scientists (in 1996) and of the Controlled Release Society (1992-93). Founding and current editor of *Pharmaceutical Research*, he is also editor-in-chief for the *Journal of Drug Targeting and Advanced Drug Delivery Reviews*. He has served on the NIH Pharmacology Study Section three times, and the U.S. Food and Drug Administration's Advisory Committee for Pharmaceutical Science (1999-2002), and numerous other distinctions.

Lee has been called the "acknowledged leader in the world in the science and technology of peptide and protein drug delivery" and "the most highly cited author in the area of ocular drug delivery."

## Faculty news

Professors **Jon Thorson** and **Ben Shen** have isolated an anti-cancer gene from two soil bacteria. In papers published in the August 16 issue of the journal *Science*, they describe the discovery and its potential to advance the treatment of certain cancers including leukemia. They have mapped the genetic pathway of the extremely potent toxins known as enediynes, which should allow drug-makers to precisely engineer the toxins for specific types of cancer-fighting drugs.

**Jill Kolesar** has been elected a Fellow of the American College of Clinical Pharmacy. She also recently received a phase II award from NCI to continue work on the molecular correlates of mmc/cpt-11, which produced great response rates particularly in breast and esophageal cancer in the Phase I study.

**Brien Neudeck** received a USDA National Research Initiative Competitive Grants Program grant for the proposal *Intestinal P-glycoprotein: A Novel Host Defense Mechanism Against Listeria monocytogenes*. (Apologies to Prof. Neudeck for misspelling his name in the Summer newsletter. – ed.)

**Dexter B. Northrop**, Pharmaceutical Sciences Division, has received a five-year, \$663,000 research grant award to study the effects of high pressure on inhibitor binding and on the catalytic activity of enzymes. The research will test the popular drug discovery strategy known as the "transition-state analog inhibitor." The grant is one of just 50 awarded annually by the National Science Foundation's Division of Biochemistry and Molecular Biology.

**David Zilz** will be presented with the ASHP Award for Distinguished Leadership of Health System Pharmacy Practice at the December meeting in Atlanta.

**George Zograf** received the Outstanding Educator Award from the American Association of Pharmaceutical Scientists at their November annual meeting in Toronto, Canada. It is a particular honor as this is the first time the award has been given.

**Christine Sorkness** and UW Medical School colleagues Drs. William Busse and James Gern were recently awarded a six-year, \$56 million federal contract to study asthma medications. They will lead the Inner-City Asthma Consortium to investigate treatments for the most severe forms of asthma among low-income children in eight cities.



UW Citations recognized outstanding alumni Kenneth Connors (2nd from l.), Ruth Havemeyer, Vincent Lee, and John Bohlman. They were presented by Dean Mel Weinswig (l.).



PAA Scholars with PAA President Randy Miller (far left) and Secretary Kathy Skibinski (far right).

## PAA Scholars for 2002

Congratulations to the 23 Pharmacy students awarded PAA Scholarships in 2002; and thanks to the generous alumni whose gifts made these scholarships possible.

**Amy Baron**, Kenosha

**Gary Benton III**, Faribault, MN

**Sarah Dobbratz**, Rothschild

**Scott Draeger**, Port Washington

**Lindsey Ellison**, Eden Prairie, MN

**Casey Gallimore**, Mount Horeb

**Tara Good**, Hillsboro

**Sarah Groen**, Shakopee, MN

**Joshua Hagen**, Colfax

**Benjamin Johnson**, Racine

**Radley Kamps**, Belmont

**Melissa Koszyczarek**, Waukesha

**Joel MacMillan**, Minneapolis, MN

**Sara McClaine**, Rice Lake

**Erin Narus**, Howell, MI

**Paul Nemcek**, Cambridge

**Melissa Neumann**, Oconomowoc

**Kirstin Schleicher**, Waunakee

**Jeremy Skarda**, Coleman

**Molly Steed**, Mequon

**Trigg Thielke**, Phillips

**Seth Thomas**, Antigo

**Keeley Treviranus**, Sun Prairie

## Pharmacy scholarships help support 96 students

UW Pharmacy students were awarded scholarships at a September recognition ceremony.

Financial support for the scholarships came from nearly 40 individuals, businesses, and foundations.

Mindy Adamec

Julie Alderman

Greg Aleckson

Brent Anderegg

Julie Asmus (Wendt)

Marleen Barta

Heidi Beastrom

Ryan Bender

Susan Blaser

Jill Bombien

Carin Bouchard

Nancy Brennan

Maureen Byrne

Jeremiah Carolfi

Scott Christofferson

Sarah Courtney

Ryan Davis

Katie DeChamps

Rachael Donatelle

Andrea Duchac

Kelly Fausek

Kathryn Forecki

Erica Fritz

Julie Gellendin

Steven Godfrey

Hartford

Madison

Whitewater

Blair

Waupun

Manitowoc

Athens

Appleton

Barron

Franklin

Green Bay

Kenosha

Appleton

Manitowoc

Adams

Janesville

Aberdeen, SD

New Franken

Cumberland

Waupun

West Allis

Hales Corners

Oconomowoc

Menomonee Falls

Niagara

Medicine Shoppe Scholarship

Mern Keir Scholarship

Albertson's/Jewel Osco Drug Stores Scholarship

Walgreen Company Scholarship

Mern Keir Scholarship

Lillian I. and Ronald J. Goggin Scholarship, Roy Kuramoto Scholarship

Lillian I. and Ronald J. Goggin Scholarship

Lida W. Shearer Scholarship, William L. Blockstein Memorial Scholarship

Lida W. Shearer Scholarship, Wal-Mart Scholarship

Pharmacists Society of Milwaukee County Scholarship

Women's International Pharmacy Scholarship

Mabel Johnson Memorial Scholarship

Owen Healthcare Inc. Scholarship, Walgreen Company Scholarship

Kmart Scholarship for Excellence in Community Pharmacy

Roy Kuramoto Scholarship

Walgreen Company Scholarship

Roy Kuramoto Scholarship

Mern Keir Scholarship

Mern Keir Scholarship

Mern Keir Scholarship

Mern Keir Scholarship

Mern Keir Scholarship

Mern Keir Scholarship

Kappa Psi Scholarship

Mabel Johnson Memorial Scholarship, Pharmacists Mutual Companies Award

**Pharmacy scholarships***from page 8*

Tara Good	Hillsboro	William L. Blockstein Memorial Scholarship
Joshua Hagen	Colfax	Jacob Rossbach Scholarship
David Hager	Neenah	Roy Kuramoto Scholarship
Joe Halfpap	West Allis	Mabel Johnson Memorial Scholarship
Tracy Head	Eau Claire	Mern Keir Scholarship
Trish Hessling (Lyman)	Cottage Grove	Mabel Johnson Memorial Scholarship
Angela Hinkle	Oregon	Lillian I. and Ronald J. Goggin Scholarship
Stefanie Huebner (Bisel)	Neenah	Pharmacists Mutual Companies Scholarship
Jennifer Imm	Wausau	Roy Kuramoto Scholarship
David Jacobson	Dane	Minority Affairs Program in Pharmacy Scholarship
Katie Kabe	Estherville, IA	Mern Keir Scholarship
Angela Kern	Brookfield	Mern Keir Scholarship
Jessica Kickbusch	Wausau	Medicine Shoppe Scholarship
Katrina Kohls	Reeseville	Joseph A. and Margaret B. Gitzen Scholarship
Marni Koob	Rice Lake	Phi Delta Chi Scholarship
Carrie Korthals	Waukesha	Roy Kuramoto Scholarship
Nancy Ann Kriewaldt	Clintonville	Mern Keir Scholarship
Kristin Kruse	Caledonia, MN	Mern Keir Scholarship
Jennifer Kupczyk	Ashland	Roy Kuramoto Scholarship
Andy Kurtzweil	Wausau	Medicine Shoppe Scholarship
Elizabeth Lemke (Marquardt)	Verona	Mabel Johnson Memorial Scholarship
Rhonda Leschisin	Clayton	National Association of Chain Drug Stores Scholarship
Jennifer Lofquist	West Allis	Medicine Shoppe Scholarship
Nicole Lokker	Germantown	Mern Keir Scholarship
Sara Lund	Clarinda, IA	Mern Keir Scholarship
Amy Markham (Rieck)	Elkhorn	Medicine Shoppe Scholarship
Jeffrey Marshall		Lillian I. and Ronald J. Goggin Scholarship
Bryan McGill	Waterford	Mabel Johnson Memorial Scholarship
Tracy Meidl		F.E. Patton Memorial Scholarship
Kristin Meyer	Greenfield	Pharmacists Society of Milwaukee County Scholarship
Travis Miller	Mauston	Mern Keir Scholarship
Joli Morton	Janesville	Roy Kuramoto Scholarship
Randie Ann Nagao	Honolulu, HI	Cynthia Wu Wilcox Scholarship
Erin Narus	Howell, MI	Kristin Wright Memorial Scholarship, Pamela Ploetz Scholarship
Beth Nettekoven	Appleton	Donna Mirkes Memorial Scholarship, Phi Delta Chi Scholarship
Allison Oliver	Guttenberg, IA	Mern Keir Scholarship
Nicholas Olson	New Berlin	William L. Blockstein Memorial Scholarship
Paul Paschke	Brown Deer	Richard Scott Key Memorial Scholarship
Maribeth Pauli	West Bend	Joseph A. and Margaret B. Gitzen Scholarship
Megan Pawlisz (Friedrich)	Westmont, IL	Mern Keir Scholarship
Uriah Peterson	Wabasha, MN	Longs Drug Stores Scholarship
Chi Phung	Madison	Cynthia Wu Wilcox Scholarship, Minority Affairs Program in Pharmacy Scholarship
Melissa Pleva (Killen)	Marinette	Mabel Johnson Memorial Scholarship
Kristin Plummer	Monona	Joseph A. and Margaret B. Gitzen Scholarship
Amber Prochnow	Brillion	Mern Keir Scholarship
Jill Rositch	Edgerton	Walgreen Company Scholarship
Vincent Rottino	Racine	Mern Keir Scholarship
Elisabeth Rouse	Neenah	Walgreen Company Scholarship
Brian Schlitt	Hartford	Mern Keir Scholarship
Brianne Schmoller	Marshfield	The University League Scholarship
Lee Skrupky	Viroqua	Mabel Johnson Memorial Scholarship, Pharmacists Mutual Companies Award
Nicholas Smith	Freedom	Wisconsin Pharmacy Affiliates Scholarship
Tabarius Smith	Madison	Minority Affairs Program in Pharmacy Scholarship
Emily Stamos	Chicago, IL	Rose E. Mancuso Scholarship
Chad Stashek	Wisconsin Rapids	Ken Schaefer Scholarship, Richard Scott Key Memorial Scholarship
Mary Anne Stream (Friers)	Milwaukee	McCourt Family Scholarship
Sara Strzelecki	Muskego	Mern Keir Scholarship
Heather Swartz	Olathe, KS	Mern Keir Scholarship

*continued on next page*

Alison Tennie	Appleton	Arthur H. and Margaret H. Uhl Memorial Scholarship
Julie Teske (Korth)	Green Bay	Mern Keir Scholarship
Matthew Thill	Random Lake	Apple/Karabensch Scholarship, John Janis Apinis Scholarship
Wendy Vlietstra	Waupun	ShopKo Pharmacists Scholarship
Monica Waclawski	Grafton	Women's International Pharmacy Scholarship
Heather Waite	Centerville, OH	Marla J. Ahlgrimm Scholarship
Nicole Weimert	Madison	William L. Blockstein Memorial Scholarship
Renee White	Madison	Dr. Lester Chafetz Scholarship, General Scholarship
Roger Wilcox	Union Grove	Mern Keir Scholarship
Joanna Yi	Menomonee Falls	Sandra Chuk-Wah Yu Scholarship
Rebecca Yolton	Caledonia, MN	Mern Keir Scholarship
Cynthia Zernzach	Oshkosh	Albertson's/Jewel Osco Drug Stores Scholarship

## TA, Dissertator, and Graduate Student awards

The 2002 Rennebohm TA Award winners are:

**Irawati Kandela**, who is working toward her MS degree with Prof. Ralph Albrecht. She started graduate work in Pharmaceutical Sciences in January 2000 and taught in Drug Delivery Systems Laboratory I and II. Kandela has a BS in Pharmacy from Bandung Institute of Technology in Indonesia.

**Jae Han Park** joined the Pharmaceutical Sciences graduate program in September 1998 and works with Prof. Joseph Robinson. He taught in Introduction to Drug Action and Drug Delivery I and II. He has completed

both a BS and an MS in Agricultural Chemistry at Gyeong Sang National University.



The Rennebohm Dissertator Award was presented to **Moises Rivera-Bermudez**, PhD '01 for his thesis entitled: *Regulation of protein kinase C expression and activity by 1,25-dihydroxyvitamin D3 in rat osteoblast cells (Ros 17/2.8) and its functional implication in the regulation of osteocalcin gene expression*. His advisor, Dr. William Mellon, nominated him. Before joining the Pharmaceutical Sciences program in September, 1993

Rivera-Bermudez received a BS in Biology from the University of Puerto Rico-Rico-Rio Piedras.



**Elisabete Gonçaves**, who works with Dr. Timothy Heath, received the Enz Award. The AFPE Fellowship went to **Scott Croy** whose advisor is Dr. Glen Kwon. The Zaman-Saroya Award was presented to **Sjofn Gunnarsdottir**. She is a graduate student in Molecular and Environmental Toxicology working with Dr. Adnan Elfarra. The Zaman-Saroya Award provides \$1,000 to support the student's attendance at a national or international meeting.

**WSPS student leaders displayed their Immunization Education program at the PAA's Annual Meeting luncheon in August.**



## Bricks, shirts for holiday gifts?

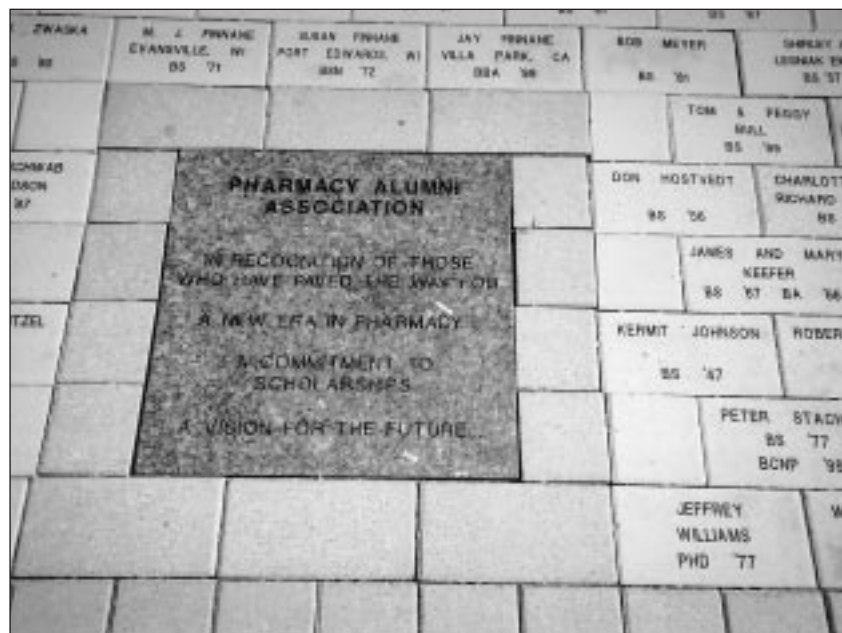
### Searching for the perfect holiday gift?

A Legacy Brick makes a lasting impression, and keeps on giving by helping support our Scholarship endowment. At just \$100 (or \$150) for a gift that lives forever, they are a bargain.

Contact the PAA at [Pharmalum@pharmacy.wisc.edu](mailto:Pharmalum@pharmacy.wisc.edu) or call 608/265-2259

How about a Pharmacy T-shirt? Kappa Psi Pharmaceutical Fraternity is selling T-shirts with one of the designs shown, in short-sleeve (\$15) and long sleeve (\$20) styles. ▶

Colors: white, red and blue.  
 Sizes: S-2XL. They also have "Wisconsin Pharmacy" sweatshirts (\$40, red or grey) and hats (\$20, red or black). There is a \$5 mailing fee per order. To order contact [radonatelle@wisc.edu](mailto:radonatelle@wisc.edu), or Kappa Psi, 615 N. Lake St., Madison, WI 53705.



## TOP REASONS TO BE A TEN PHARMACIST

10. Are Patient Lovers
9. Do It Without Breaks
8. Are Rx Rated
7. Do It PRN
6. Have A Quick Reconstitution Time
5. Have A Longer Duration Of Action
4. Do It Over The Counter
3. Do More Than Lick & Stick
2. We Find New Routes Of Administration
1. Pharmacists Accept Third Parties



## F R O M R E A D E R S

Send us your news, your views, and your dues any time.

The PAA, the **Pharmacy Graduate**, and the School of Pharmacy would like to hear from you!

Fill in this form and mail to:

**Pharmacy Alumni Association**  
 777 Highland Avenue  
 Madison, WI 53705-2222

FAX: 608/262-2431  
 E-MAIL: [pharmalum@pharmacy.wisc.edu](mailto:pharmalum@pharmacy.wisc.edu)

URL:  
<http://www.pharmacy.wisc.edu/alumni/>

My news or views to share \_\_\_\_\_

Please send me information on \_\_\_\_\_

- Here are my annual PAA membership dues (\$50)
- Make me a lifetime PAA member (\$200)
- I would like to purchase a Legacy Brick (\$100 PAA Lifetime Members, \$150 other alumni)  
**Make checks for above items payable to the UW Pharmacy Alumni Association.**
- Here is my tax deductible contribution to the PAA Scholarship Fund  
**Separate check please, payable to the UW-Foundation-PAA to ensure tax deductibility.**

Name \_\_\_\_\_

UW graduation year B.S. \_\_\_\_\_ M.S. \_\_\_\_\_ Pharm.D. \_\_\_\_\_ Ph.D. \_\_\_\_\_

E-mail address \_\_\_\_\_  Please change my mailing address to:

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City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_



## New Lifetime Members

Welcome to the following new Lifetime Members. Your contribution helps support the PAA and sustain our programs.

**Jaclyn M. Smith '02**  
Minneapolis, MN

**Ryan J. Steele '02**  
Tomah

**James D. Sheahan '67, MS '72**  
Roanoke, VA

**Heidi A. Chesky '82**  
Herndon VA

**Sally Harford Rudolph '61**  
Bloomington, IL

**John C. Heim '70**  
La Crosse

## Continuing education opportunities

Extension Services in Pharmacy (ESP) offers a variety of continuing education opportunities.

**24th Annual Winter Milwaukee Symposium** — February 2  
Sheraton Milwaukee Brookfield • Brookfield, Wisconsin • *Topic TBA*



Details on the Web: [www.pharmacy.wisc.edu/esp/2003hawaii.html](http://www.pharmacy.wisc.edu/esp/2003hawaii.html)

### PSW programs

Pharmacy Society of Wisconsin offers programs around the state. For details see the PSW website <http://www.pswi.org/> or call 608/827-9200.

### Spring Long Term Care Conference

Country Inn, Waukesha,  
Apr 14-16, 2003

### Educational Conference

Monona Terrace, Madison,  
Apr 22-23, 2003

### 2003 Hawaii Study/Travel Program

**February 12-19, 2003**

Hapuna Beach  
Prince Resort  
"Big Island" of Hawaii

**Topics:** Osteoporosis  
Osteoarthritis, Gout,  
Thyroid disease, Respiratory tract infections, Bioterrorism, Gastroesophageal reflux disease, Peptic ulcer disease • **16 C.E. hrs.**

For detailed course descriptions, visit our website:

[www.pharmacy.wisc.edu/esp/](http://www.pharmacy.wisc.edu/esp/)

For registration materials or other information, please contact:

Extension Services in Pharmacy,  
777 Highland Ave., Madison, WI  
53705-2222. Tel: 608/262-3130  
Fax: 608/262-2431

2003 Hawaii Study/Travel Program  
February 12-19, "Big Island" of Hawaii



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