

NORTH DAKOTA STATE UNIVERSITY

# pharmacy

THE COLLEGE OF PHARMACY, NURSING, & ALLIED SCIENCES

# alumni news

WINTER '09



## Racking up experiences

Pg. 2

finding jobs ④

why cancer won't die ⑪

show your pride ⑲

*Preparing students to become competent, caring, ethical health professionals and citizens.*

# New experience requirements implemented: Your help needed

Students now entering the pharmacy program at North Dakota State University will be getting a lot more experience in real world pharmacies during their first years. The Accreditation Council for Pharmacy Education now requires pharmacy students across the country to complete 300 hours of Introductory Pharmacy Practice Experiences (IPPE) before starting their fourth year Advanced Pharmacy Practice Experiences (APPE).

To help students with this requirement, the Department of Pharmacy Practice is looking for alumni willing to host students in their pharmacy practice settings. These new requirements are in addition to the existing pharmacy course work. Fourth-year students will continue to participate in eight five-week APPE rotations as they have in the past.

The new emphasis on introductory experiences is an effort of the Accreditation Council to standardize the wide variety of introductory experiences found in the curriculums of colleges of pharmacy across the country.

“They want to make sure they are standardizing the level of education so that pharmacists leaving those colleges will all be trained in a certain way,” said Wanda Roden, APPE coordinator. The main activities students will participate in are a two-week experience in a hospital pharmacy after their first year and a three-week experience in a community pharmacy after their second year. Other tasks will include shadowing experiences with preceptors during spring semesters of the first and second year. Rebecca Focken, coordinator of IPPE, also hopes to partner with community pharmacies again for the students’ third year when they will focus on public health and community outreach activities.

During the past two years, students spent an average of 28 hours per year in an IPPE pharmacy experience.

“The goal is for students to get a variety of experiences in a variety of pharmacy settings before they get to the last year of pharmacy school,” Focken said.

## New requirements at a glance

- 100 hours hospital/health system pharmacy experience including shadowing and two-week experience in the summer following first professional year,
- + 140 hours community pharmacy experience including shadowing and three-week experience in the summer following second professional year,
- + 60 hours public health and community outreach experiences during the third professional year,

**= 300 hours of introductory pharmacy practice experiences.**

Although most students already work as pharmacy interns, they may only have experience in one type of pharmacy practice setting.

“The IPPE and APPE are laying a foundation for them to understand what their skills and passions are to be able to decide on a career that fits them as a person,” Roden said.

The Department of Pharmacy Practice/Experiential Education Committee is working with a hospital advisory committee to develop objectives and activities for the first-year students during their two-week hospital rotations at the end of the spring semester. A community pharmacy advisory committee also is being formed to establish objectives for student experiences at the end of their second year.


With 85 new students every year, finding pharmacy practice sites for them is posing a challenge. Focken and Roden plan to mail request forms to pharmacies and APPE preceptors around the region. As a result of this newsletter, they also hope to hear from alumni reading this newsletter who are interested in hosting NDSU students in their pharmacy practice settings.

*Joel Hagen*

## The Department of Pharmacy needs you

Interested in joining the hospital or community pharmacy advisory committee to help define objectives for Introductory Pharmacy Practice Experiences? Interested in participating in the Introductory Pharmacy Practice Experiences by providing a place for students to shadow and/or complete two and three week practice experiences?

**Contact Rebecca Focken or Wanda Roden at [rebecca.focken@ndsu.edu](mailto:rebecca.focken@ndsu.edu) or [wanda.rodan@ndsu.edu](mailto:wanda.rodan@ndsu.edu) or (701) 231-7477.**



Charles D. Peterson, dean  
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E-mail: [Charles.Peterson@ndsu.edu](mailto:Charles.Peterson@ndsu.edu)

## a message from the dean

I hope this issue of our alumni newsletter finds you in good spirits and enjoying the New Year.

As described in the last issue of our newsletter, we launched our new Sudro Society annual giving program this fall. Sudro Society replaces the previous Dakota 100 Club. The initial response to Sudro Society has been very positive with many alumni showing their support by becoming new members. I want to thank all of you who have joined Sudro Society and extend our appreciation and gratitude to you for your generosity and strong support for our people and programs. Your strong support of our pharmacy program is a great encouragement to me as dean and to our entire college.

In September 2008 our college was awarded \$2 million from the state of North Dakota to establish a Center of Excellence (Center for Biopharmaceutical Research and Production) to develop new target vaccines and other biopharmaceuticals for commercialization with local private sector businesses. You will hear more about our new Center of Excellence in the next issue of our alumni newsletter.

We also have been working with Dr. Terry Dwelle, our state health officer, in developing a new curriculum for a Master of Public Health (M.P.H.) degree program. This new graduate program will be unique in creating discipline-specific tracks for medicine, nursing and pharmacy in training practicing health professionals with the skills to deliver meaningful public health at the point of care with patients (applied public health). We also have been working with an architect to develop plans for future space needs based on our recently developed strategic plan. You will be hearing more about all these issues in the future as they unfold.

On behalf of our college, I wish you a happy, healthy and prosperous New Year!

I hope you enjoy our newsletter. If you have comments, stories to share or suggestions for future issues, please let us know. For more information about our college, its people and programs, visit our Web site at [www.ndsu.edu/pharmacy](http://www.ndsu.edu/pharmacy).



## Career Fair 2008: opportunity knocks

For one day, the entrance to the Fargodome was a portal to the future. On Sept. 18, the College of Pharmacy, Nursing, and Allied Sciences presented "Career Fair 2008," a glimpse into the possibilities that lie ahead for students.

Many students apparently couldn't wait. Perhaps as many as 40 people were in line when the doors opened at 10 a.m. "I'm very curious. Let's say that," explained David Anderson, a third-year student in NDSU's professional pharmacy program from Kindred, N.D. "The Career Fair is a great place for students to network, learn about the employment process and see what others have to offer."

The event, which is one of the most highly regarded of its kind, drew about 200 representatives of 65 employers from across the country. An estimated 1,000 students and parents were on hand to enthusiastically ask questions and make important connections.

"Every year, we see students seeking employment and, at the same time, we have employers say, 'Where are the students looking for jobs?' This event brings students and employers together to have that conversation," said Charles Peterson, dean of pharmacy, nursing, and allied sciences. "It's a nice marriage of allowing students to get career information and also job prospects that might lead to permanent employment."

### Pam Rheingans, Mayo Clinic

"The programs at NDSU are top quality and this career fair is always a wonderful event for us. It's been a great recruiting tool, and we'll be back as long as they have it."

The event invites NDSU students in the college's many programs, along with area high school students who are interested in a medical-related career. Attendance by the younger students and their parents helps set the college's Career Fair apart from similar events.

"It's fun to talk about opportunities, and it's fun to get kids excited about the field," said Dave Rueter, vice president of personnel, Thrifty White Pharmacy, Maple Grove, Minn. "Most other schools' career fairs focus only on the graduating class, so you don't have a chance to talk to all of the different levels of students as they come through. Here, there is a lot more activity, a lot more people to talk to. This fair is the one we look forward to the most of all of them that we go to."



Career Fair 2008 allowed students at all levels of their college careers to network with potential employers.

Pam Rheingans, a human resources representative for Mayo Clinic, Rochester, Minn., said, "The programs at NDSU are top quality and this career fair is always a wonderful event for us. It's been a great recruiting tool, and we'll be back as long as they have it."

For the students, the career fair allows them to wander among the booths, shake hands, gather business cards, improve their interpersonal communication skills and explore career choices.

"This fair is really a one-stop shop for everything that is out there," said Nick Rogers, a fourth-year student in the NDSU pharmacy professional program from Grand Forks, N.D. "It's always good to lay the foundation for years to come."

The event is a showcase for everyone involved, according to Michaela Ostendorf, a third-year student in the pharmacy professional program from Bismarck, N.D. She said it is a chance for students, employers and the university to stand out. "NDSU has great students in its programs, and I think it's wonderful for NDSU to show these employers that we are a quality school, with a quality education," Ostendorf said.

Smiles and friendly conversations were everywhere in the Fargodome concourse, a sure sign that Career Fair 2008 had again lived up to its billing and accomplished its goals.

"Students and their parents need to know about the terrific job opportunities that are in pharmacy, nursing and the allied sciences," Peterson said. "We want the Career Fair to prepare students for making that final, ultimate career decision that is so important. It's a decision that will impact their entire life." *Steve Bergeson*

## First-year Pharm.D. students participate in White Coat Ceremony

From Fargo to Tunisia, students from the area and around the globe participated in the annual White Coat Ceremony, which is performed to welcome them to the NDSU pharmacy program. The following list includes the entire class of 2012 along with their hometowns.

Rachel M. Aipperspach, Wishek, N.D.  
Amber R. Altstadt, Perham, Minn.  
Jessica N. Ascherman, Hancock, Minn.  
Adam M. Backlund, Moorhead, Minn.  
Chad J. Baldner, Fargo, N.D.  
Margaret S. Bierman, Eagan, Minn.  
Shai N. Boe, Fargo, N.D.  
Kristen Bonness, Des Lacs, N.D.  
Courtney I. Boucher, Worthington, Minn.  
Kodi L. Brown (Klatt), Dickinson, N.D.  
Jessica J. Bubel, Center, N.D.  
Caitlin Carter, Maple Lake, Minn.  
Traci J. Christiansen, Bemidji, Minn.  
Matthew C. DeGree, Bismarck, N.D.  
Allan J. Demuth, International Falls, Minn.  
Scott R. Doheny, White Bear Lake, Minn.  
Nathaniel T. Ehni, Wahpeton, N.D.  
Eric M. Frantz, Fargo, N.D.  
Sarah L. Gangl, Brainerd, Minn.  
Cody J. Geiszler, Bismarck, N.D.  
Jared H. Giroux, Mahtowa, Minn.  
Erika M. Haglund, Detroit Lakes, Minn.  
JoAnna M. Haugen, Portland, N.D.  
Matthew J. Helbling, Kindred, N.D.  
Laura B. Hilde, Moorhead, Minn.  
Alexia M. Hoefs, Fergus Falls, Minn.  
Trisha M. Hoekstra, Wayzata, Minn.  
Amanda L. Hoffbeck, Morgan, Minn.  
Jason D. Holle, Jordan, Minn.

Logan J. Hollenkamp, St. Cloud, Minn.  
Ryan L. Hoverson, Hannaford, N.D.  
Jill M. Ihry, Moorhead, Minn.  
Rebecca M. Jackson, Coldwater, Mich.  
Brianna L. Johnson, Warren, Minn.  
Amanda L. Jorgenson, Cottage Grove, Minn.  
Sean C. Karpowich, Larimore, N.D.  
Nathan T. Keeler, Bismarck, N.D.  
Adis Keric, Prijedor, Bosnia  
Kory D. Kowalski, Moorhead, Minn.  
Craig P. Lawler, Bemidji, Minn.  
Jason R. Lind, Cambridge, Minn.  
Steven D. Maershecker, Dickinson, N.D.  
Jessica A. McClellan, Fargo, N.D.  
Michelle R. McKay, Fargo, N.D.  
Adel S. Mergoum, Denver, Colo.  
Anaas M. Mergoum, Fort Collins, Colo.  
Katie A. Miller, Bismarck, N.D.  
Melissa L. Miller, Bagley, Minn.  
Michael A. Miller, Bismarck, N.D.  
Sammie H. Nguyen, Moorhead, Minn.  
David L. Noeske, Valley City, N.D.  
Ayodele A. Olamijulo, Lagos, Nigeria  
Brent S. Olson, Fargo, N.D.  
Kayla A. Otterson, Kindred, N.D.  
Laura J. Peinovich, Fargo, N.D.  
Matthew T. Perkins, Jamestown, N.D.  
Natasha J. Petry, Fargo, N.D.  
Karalynne E. Price, Sedan, Kan.

Kayla L. Rachel, Jamestown, N.D.  
Scott E. Rudnicki, Dilworth, Minn.  
Andrew W. Schaaf, Mandan, N.D.  
Lane M. Schemel, Willmar, Minn.  
Lee D. Schwan, Devils Lake, N.D.  
Samantha J. Seelig, Lisbon, N.D.  
Steven J. Semingson, Williston, N.D.  
Toni R. Shaw, Moorhead, Minn.  
Chelsea A. Sibenaller, Fergus Falls, Minn.  
Robert A. Sieg, Oakes, N.D.  
Wes E. Stettner, Hancock, Minn.  
Anis Ben Tahar, Tunis, Tunisia  
Robyn J. Thoennes, Millerville, Minn.  
David D. Thompson, East Grand Forks, N.D.  
Nicole L. Towne, Foley, Minn.  
Matthew D. Troyer, Fargo, N.D.  
Chantal A. Vance, Ray, N.D.  
Jena Vandendriessche, Marshall, Minn.  
Amanda M. Volochenko, Balfour, N.D.  
Ryan D. Wall, Maple Grove, Minn.  
Julie M. Wendt, Maple Grove, Minn.  
Anthony W. Wieland, Casselton, N.D.  
Jayme L. Wolf, Zap, N.D.  
Jordan A. Wolf, Fargo, N.D.  
Caitlin M. Workin, Fargo, N.D.  
Sarah A. Wyffels, Alexandria, Minn.  
Andrew L. Zwack, Columbia Heights, Minn.



The class of 2012 participates in the Department of Pharmacy's White Coat Ceremony. The department welcomed 85 new students.



## New memorial scholarship provides opportunity, creates lasting memories



Peterson

The moment will be forever etched in Myna Peterson's memory. A student's mother hugged her and said, "You've changed my son's life."

That powerful moment, accompanied with tears of pride and satisfaction, came shortly after the College of Pharmacy, Nursing, and Allied Sciences award banquet on Sept. 18. Peterson had earlier presented the first annual Alan Peterson Memorial Scholarship to Jesse Rue, a student in the final year of the six-year Pharm.D. program.

"That was very humbling. I didn't realize the depth of what the scholarship would mean," Myna Peterson said of her conversation with Rue and his mother, Kathleen. "All I could think about was how proud Alan would have been of this young man, how proud he

would have been to help another student attain their goal."

The scholarship was established to honor Alan Peterson, a 1970 pharmacy graduate, who died in September 2007. Born in Edgeley, N.D., and raised in Steele, N.D., Peterson enjoyed a 33-year career as a pharmacist for Walgreens in Illinois, retiring in 2004. He also was active in the National Pharmacists Association, serving as treasurer for 20 years.

The \$5,000 scholarship is awarded to a P3 or P4 pharmacy student with a "B" or "C" grade-point average. Preference is given to students from North Dakota with a financial need.

"The scholarship is for average students because that is what Alan was – a good, strong, average student. Those students don't always have the advantage of scholarships. Because of his passion for his school and his profession, I wanted to do this," explained Myna Peterson, who lives in Wheaton, Ill. "Alan was so very proud of being a part of NDSU and being a native North Dakotan. I felt that if I could help some young student with fees, tuition, books or whatever it might be, then I would like to do that in Alan's name."

For Rue, the new scholarship means opportunity. "It is very humbling to have a complete stranger take such an interest in your current well-being and future success. What I have found to be most significant as time passes, however, is the standard it sets – it reminds me of the responsibility that I have professionally to serve patients and society to my utmost," said Rue, who is from Hillsboro, N.D. "I am indebted to everyone who has helped me become who I am today, and the Peterson family's generosity serves to remind me that such a debt is indeed mine to repay."

Rue says there is unlimited potential in the pharmacy profession, but the areas of particular interest to him are medication therapy management/disease state management and public policy.

"It was so heartwarming for me," Myna Peterson said of her experience at the banquet and meeting Rue. "I know establishing this scholarship was the right thing to do."

*Steve Bergeson*

## Mary J. Berg Auditorium dedicated in Sudro Hall



Berg

The College of Pharmacy, Nursing, and Allied Sciences dedicated the Mary Jaylene Berg Auditorium in Sudro Hall on Sept. 8. This is the fourth and final part of a more than \$1.4 million estate gift given by Ordean Berg, BS '41, agricultural education, in memory of his daughter, Mary, BS '74, pharmacy. Mary died Oct. 1, 2004. Ordean died a few months later in January 2005.

Ordean's entire estate was given to the college to establish the Mary J. Berg Distinguished Professorship in Women's Health, the Mary J. Berg Scholarship Fund for pharmacy students and the Mary J. Berg Faculty Award for Teaching Excellence. "It's a tremendous benefit to students, faculty and staff," said Charles Peterson, dean of the College of Pharmacy, Nursing, and Allied Sciences. "It honors one of our own alumna who went off and had a major impact on women's health, not just in the country but internationally."

Berg earned a doctor of pharmacy degree from the University of Kentucky and completed a postdoctoral fellowship in clinical pharmacokinetics from the State University of New York at

Buffalo. She became the first female promoted to full professor in the College of Pharmacy at the University of Iowa, Iowa City. She led international efforts to bring together women pharmacists in order to assure the inclusion of gender-related health issues in pharmacy curricula. She was a charter member on the advisory committee that reviews the research strategy of the National Institutes of Health's Office of Research on Women's Health, and she served on the board of directors of the Society for the Advancement of Women's Health Research. She co-edited four books and wrote 50 journal articles. She was inducted into the Iowa Women's Hall of Fame in 1999.

In 2000, Berg was an honored alumna at NDSU for Master's Week for the College of Pharmacy.

This year's two students to earn the Mary J. Berg Scholarship were third-year pharmacy students Maari Loy and Lindsay Huether. "This scholarship will clearly benefit my studies," said Loy. "The concern of student loans and payment of tuition is now off my and my family's radar."

Huether also appreciated the \$13,750 scholarship.

"It is such an honor to receive recognition for the hard work over the last few years," she said.



Charles Peterson, dean of the College of Pharmacy, Nursing, and Allied Sciences, and Scott Barrett, director of planned giving for the NDSU Development Foundation, dedicated the Mary Jaylene Berg Auditorium in Sudro Hall on Sept. 8, 2008.

## Students and alumni to round up for annual meeting in Texas

Join Dean Charles Peterson and NDSU pharmacy alumni for a social at the 2009 American Pharmacists Association annual meeting and exposition. Meet current NDSU pharmacy students and hear the latest in pharmacy education. Complimentary hors d'oeuvres and cash bar will be available.

**Saturday, April 4 • 5 to 7 p.m. • Henry B. Gonzalez Convention Center, Room 007C • San Antonio, Texas**

### For more information or questions

Visit [www.ndsu.edu/pharmacy](http://www.ndsu.edu/pharmacy) or contact Sara Tanke, director of advancement, at [sara.tanke@ndsu.edu](mailto:sara.tanke@ndsu.edu) or 701-231-6461.

*Sponsored by the College of Pharmacy, Nursing, and Allied Sciences and the NDSU Alumni Association.*



# A message from the advisory board

The Pharmacy National Advisory Board was established by the dean of the College of Pharmacy, Nursing, and Allied Sciences to assist, advise and support the college's pharmacy programs. The board can have up to 20 members from various areas of pharmacist employment and a broad geographical representation of alumni. Members serve a three-year term with an option to extend for one additional three-year term.

In October, we bid farewell to John Friend (BS '68) and Jayme Steig (PharmD '02), and welcomed Terry Dahl (BS '77), Kandy Matzek (BS '79, MS '82), and Jim Normark (BS '72).

Under leadership of Brad Trom, the Advancement Committee transitioned the Dakota 100 Club to the Sudro Society. Financial support from this program will assist the dean in advancing pharmacy to remain one of the top programs in the nation. Sudro Society funds are used to enhance education of pharmacy students and provide them the opportunity to become competent, caring, ethical pharmacists and to continue the effort to re-engage our alumni and increase the number of friends. We encourage you to visit the college and see the exciting things that are happening.

The Accreditation Committee with John Wold as chair is reviewing the recent Accreditation Council for Pharmacy Education accreditation report and the college's strategic plan. These documents will be the foundation of recommendations to improve the quality of education students receive and how the college will continue to exceed accreditation standards. One area being addressed is inter-professional training.

The Administration Committee with Kathy Seifert as chair has developed bylaws that provide the foundation for the board's activities. Space needs of the program and expanding student education are areas the committee continues to discuss.

The board reviewed and endorsed the college's new student conduct policy covering academic and professional misconduct.



## Members of the Pharmacy National Advisory Board are:

**Back row (L to R):** Mike Jones (BS '69); Barb Jones (BS '70); Terry Dahl (BS '77); Terry Kristensen (BS '77); Fred Paavola, chair (BS '70); Tom Tharaldson (BS '67); Gary Boehler (BS '70); Mike Hanson (BS '70); Jim Normark (BS '72); Kandy Matzek (BS '79, MS '82); John Wold, vice chair (BS '66); Charles Peterson, dean.  
**Front row (L to R):** Larry Ellingson (BS '69); Mary Zweber (BS '75); Bill Grosz, secretary (BS '51); Kathy Seifert (BS '75); Ryn Pitts (BS '71, MS '82); Dawn Pruitt (PharmD '97). Not pictured: Brad Trom (BS '72)

The board interacted with pharmacy, nursing, and allied sciences ambassadors. These students are highly motivated and interested in making a difference while at NDSU and after graduation.

We hope you will visit the college and meet these exceptional students. Continued excellence of the pharmacy program is due to all our wonderful alumni and friends. If you would like to be considered for the board or know of a pharmacy alumnus who would be interested, fill out the nomination form below. The nursing and allied sciences' programs are looking at the Pharmacy National Advisory Board as a model in developing their own advisory boards.

**Fred Paavola, '71 chair**

## where are they now?

# Magarian still busy in pharmaceutical chemistry

Professor emeritus Edward O. Magarian may have officially retired from NDSU in 2000, but he hasn't stopped working. He continued as a lecturer and co-taught several courses until spring of 2007. He runs a small pharmacy consulting business at <http://myweb.cableone.net/magarian>. As the quality control consultant for 12 pharmacies in North Dakota, he sends these pharmacies blood samples for testing, analyzes their results, and works with those who have problems in their testing. Early next year he plans to offer Web site design services for people having weddings, anniversaries, birthdays or other special occasions. He also restores old and damaged photos.

Magarian grew up in East St. Louis, Ill., and studied at the University of Mississippi, Oxford, where he earned his bachelor's degree in chemistry in 1959 and his doctorate in



Edward and Sandy Magarian

## Edward O. Magarian

"I've been here for 35 years. It's been an absolutely fantastic place to raise our three sons. We are not thinking about moving anywhere else. We have a quality of life here that is missing in other parts of the country."

pharmaceutical chemistry in 1964. For the next nine years, he worked at the University of Rhode Island College of Pharmacy and the University of Kentucky College of Pharmacy. In 1973, Dorothy Vacik, a former classmate and professor at NDSU, and her husband, Jim Vacik, chair of pharmaceutical chemistry, convinced Magarian to make the move to Fargo. Magarian had no hesitations in moving to North Dakota and took the cold weather as a challenge.

"I've been here for 35 years. It's been an absolutely fantastic place to raise our three sons," he said. "We are not thinking about moving anywhere else. We have a quality of life here that is missing in other parts of the country."

Magarian listed two of his greatest professional accomplishments while at NDSU. First, he appreciated the opportunity to teach students for years. More than 95 percent of the time he walks into a pharmacy, he knows the person behind the counter. "I taught at three colleges of pharmacy and the students here were the most impressive," Magarian said.

His second accomplishment he shares with current dean of the College of Pharmacy, Nursing, and Allied Sciences, Charles Peterson. Together in the late 1980s and early 1990s, they obtained grant funds to develop a pharmaceutical care rotation for pharmacy students. During this rotation, students learned how to test on-site for total cholesterol, glucose and blood pressure. They also learned how to counsel patients concerning their test results and when it was appropriate to refer patients to their physicians. At the time, this type of rotation was rare for pharmacy colleges.

Magarian currently enjoys reading, meeting former students, working his consulting business and spending time with his wife, Sandy. They will celebrate their 50th wedding anniversary in June 2009. *Joel Hagen*

## PHARMACY NATIONAL ADVISORY BOARD NOMINATION FORM

*Nominate yourself or a classmate*

Name of nominee \_\_\_\_\_

Address \_\_\_\_\_

Daytime phone number (\_\_\_\_\_) \_\_\_\_\_ E-mail address \_\_\_\_\_

Class year \_\_\_\_\_ Area of pharmacy interest \_\_\_\_\_

Why I'm interested in joining the Advisory Board \_\_\_\_\_

PLEASE SUBMIT TO SARA TANKE  
BY FRIDAY, FEBRUARY 27, 2009.

**E-MAIL:** Sara.Tanke@ndsu.edu  
**PHONE:** (701) 231-6461  
**FAX:** (701) 231-7606

**MAIL:** Director of Advancement  
 NDSU College of Pharmacy, Nursing, and Allied Sciences  
 Dept. 2650, P.O. Box 6050  
 Fargo, ND 58108-6050

## Marilyn Hetland – Always a heart for helping



Hetland

Long after college years have passed, names and faces of classmates, faculty and staff can grow a little fuzzy. However, for most former students, a handful of people remain vivid no matter how much time has elapsed. For many former students, that person is Marilyn Hetland.

Hetland was secretary to the chairs in the departments of Nursing, Pharmacy Practice and

Pharmaceutical Sciences for the College of Pharmacy from 1980 to 1999. She did everything from type tests and order supplies to supervise work-study students and assign advisers. She also served on department and college committees. But what she is remembered for most is the special care and attention she gave to students.

One group of students she especially bonded with was the international students. “While I was there, I mostly worked with graduate students. At that time most of the graduate students were international students,” Hetland said.

“Some came in and were very poor. I always sort of took care of them a little bit ... one time I bought groceries for one of them. They would become pretty close with you,” Hetland said. “I helped them a lot with their transition in moving to the United States. Like just getting a driver’s license and letting them know they needed insurance. It’s the little things that we take for granted every day.”

Her kindness didn’t go unnoticed by the students. In 1994 she was recognized with the prestigious Mary Gunkelman Award. The award, which was established in 1987, recognizes

the person who has made the most significant and unselfish contribution to creating a happy environment for the enjoyment of NDSU students.

The following year, she was inducted into the Tapestry of Diverse Talents for her efforts to promote multiculturalism. The Tapestry of Diverse Talents recognizes students, faculty, staff and alumni for the diversity and contributions they bring to NDSU.

### Marilyn Hetland

“Helping people ... that’s always been part of me,” she said. “I’ve always been compassionate. I love helping those who are in need.”

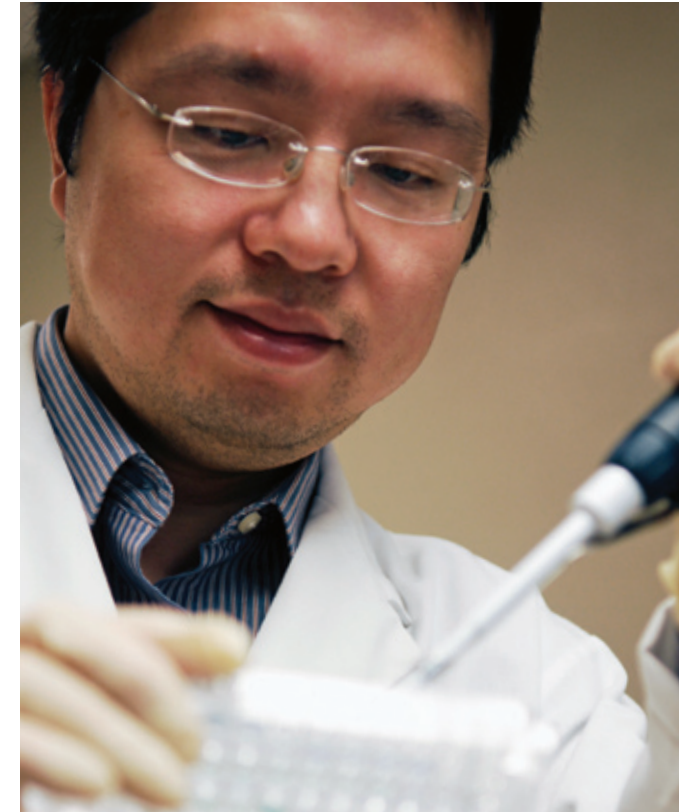
Hetland retired in 1999 at the request of her husband, Jim. “If he was going to retire, I was going to retire.” So they sold their home in Fargo and moved to Lake Crystal near Pelican Rapids, Minn.

Today the couple splits their time between Minnesota in the summer and Florida and Arizona in the winter.

Hetland enjoys spending her time with family, cooking, reading and occasionally meeting up with former bosses for lunch.

And of course, she still finds time to help others by volunteering at the Pelican Rapids food shelf. “Helping people ... that’s always been part of me,” she said. “I’ve always been compassionate. I love helping those who are in need.” *Linsey Hegvik*

## Guo studies the reasons some cancer cells just won’t die



Guo's research identifies the mutated genes that inhibit cancer drugs.

In the average adult, 50 billion to 70 billion cells die each day due to apoptosis, or programmed cell death. This cell suicide is triggered by our genes after a cell has replicated a certain number of times. But sometimes, the genes that trigger the cell death don’t work. Cells grow and divide out of control. In other words, without apoptosis, cells can develop into cancer.

Assistant professor Bin Guo studies apoptosis in order to better understand the mechanisms behind cell death, cancer and why some cancer cells respond to drugs while others don’t. In the past few years he’s been behind several breakthroughs in this research.

In one of Guo’s studies, he worked with the KLF6 gene in prostate cancer cells. KLF6 induces apoptosis by activating another gene, ATF3, which is responsible for killing prostate cells. Many prostate cancer cells have a mutation in the KLF6 gene that keeps it from activating the ATF3 gene.

Isolating the role of the KLF6 gene leads prostate cancer research and treatment in a new direction. For example,

through gene therapy, doctors can introduce working KLF6 genes into prostate cancer cells to induce more apoptosis.

Guo’s study of the KLF6 gene was published in the prestigious “Journal of Biological Chemistry” on Oct. 31, 2008. The work was funded in part by a National Institutes of Health Centers of Biomedical Research Excellence grant and a National Institutes of Health Exploratory/Developmental grant.

Guo’s other major recent study focused on colon cancer response to a new class of chemotherapeutic agents, the histone deacetylase (HDAC) inhibitors.

In colon cancer, 90 percent of patients have a mutation in the adenomatous polyposis coli (APC) gene, which causes resistance to HDAC inhibitors. Guo wanted to know why some cancer cells don’t die when treated with HDAC inhibitors and to identify new strategies to overcome such resistance.

Nobody knows the mechanisms cancer cells use to resist these new drugs, Guo said. “This is the first time we’ve found that if there is a mutation in this gene, the cancer will be resistant.”

The culprit in resisting the new drugs is a protein aptly named survivin, which protects the cancer cells from cancer drugs. Survivin cannot be decreased if there is a mutation in the APC gene. Another drug, such as flavopiridal, must be used to decrease survivin so the cancer killing drugs will work. Guo is working on other new ways to decrease survivin for more effective treatment of colon cancer.

The APC study was published in the journal, “Cancer Research,” in 2006 and was funded by a National Institutes of Health Centers of Biomedical Research Excellence grant and the Eagles Art Ehrmann Cancer Fund.

### Timeline

**1992:** earned B.S. cell biology

**1999:** earned Ph.D. pharmacology

**1999:** postdoctoral fellow at Burnham Institute, La Jolla, Calif.

**2002:** first patent granted

**2003:** began teaching at NDSU

**2005:** second patent granted



## obituaries

**Le Roy Carter, 87, BS '42, pharmacy,** was a pharmacist for more than 50 years, owning Carter's Drug Store on Broadway, Tozer's Pharmacy and the Owl Drug Store. He was president and treasurer of the Washington State Pharmaceutical Association, and attended many national conferences and conventions. He received the prestigious "Bowl of Hygeia Award" for his professionalism and contributions to the pharmacy world. A registered pharmacist for more than 50 years, he retired in 1988. He lived in Everett, Wash.

**Franklin D. Ellingson, 82, BS '49, pharmacy,** lived in Sun City, Ariz.

**Harold E. Hovland, 93, BS '38, pharmacy,** owned Hovland Rexall Drug in Westhope, N.D., and worked for Center Drug and City Drug after moving to Fort Collins, Colo. After retirement, he worked as a relief pharmacist in Fort Collins. During his life he played trumpet

in the Coteau Band, the college band at NDSU, and was also a member of the dance band, The Nighttime Frolickers. He played at the 1933 World's Fair in Chicago with the Concordia College Band. He lived in Fort Collins.

**Orville B. Nesheim, 93, BS '38, pharmacy,** lived in Minot before moving to Parshall, N.D.

**Maelon (Backman) Ollenburger, 79, BS '49, pharmacy,** lived most of her life in Duluth and Cloquet, Minn., serving as the chief of pharmacy at Cloquet Community Memorial Hospital for the last 20 years of her professional career. She lived in St. Anthony, Minn.

**Kerry P. "Pat" Rounds, 81, BS '51, pharmacy,** worked as a pharmacist at Reed Drug Store in Grand Rapids, Minn., before becoming director of pharmacy at Itasca Memorial Hospital. An avid ham/amateur radio operator, he retired in 1990. He lived in Valparaiso, Ind.

**Frank C. Rummel, 55, BS '76, pharmacy,** worked at Smith's Rexall Drug in Lemmon, S.D. The proud owner of a

restored 1971 Ford Mustang, he also enjoyed spending time at his cabin on Shadehill Reservoir. He lived in Lemmon.

**George A. Sommers, 79, BS '54, MS '60, pharmacy,** entered the U.S. Army Medical Services Corps in 1954. His many assignments included chief of pharmacy at the 98th General Hospital, Nuebrucke, Germany; William Beaumont Army Medical Center; Fitzsimons Army Medical Center; Brooke Army Medical Center, two tours at Walter Reed Army Medical Center; and the last as pharmacy consultant to the Surgeon General of the Army. After retirement from the military, he worked as a pharmaceutical consultant for Marion Merrell Dow Inc. in Washington, D.C. He lived in San Antonio, Texas.

**Arne M. Vinje, 76, BS '60, pharmacy,** worked 16 years of his career as the director of pharmacy for St. Francis Hospital in Shakopee, Minn. He lived in Bloomington, Minn.



## Leo Schermeister

Leo Schermeister, 84, was a long-time NDSU faculty member who taught an array of courses and did extensive research into the medicinal agents of native North Dakota plants. A World War II Army veteran, Schermeister grew up in Maywood, Ill. He earned his bachelor's, master's and doctoral degrees at the University of Illinois College of Pharmacy in Chicago. He joined NDSU's faculty in 1955 and served until his retirement in 1987. While at NDSU, Schermeister supplied plant extracts to the National Cancer Institute for anticancer screening. In addition, he coordinated a drug abuse course for addiction counselors, and taught basic clinical allergy courses and a course on poisonous plants.

## faculty



Mallik

## NDSU nanoparticle research appears in Review of Ophthalmology

Nanotechnology research by Sanku Mallik, professor of pharmaceutical sciences, and his group at NDSU appeared in the July 2008 issue of the Review of Ophthalmology in the article "Nanoparticles: Into the New Frontier."

Mallik conducts research that uses a nanoparticle called nanoceria as a drug delivery device. Quoted in the article, Mallik notes, "So far, nanoceria appears to be nontoxic, but the drugs we attach to the particle might be toxic, so targeting molecules are necessary. These particles also can be used for imaging; we can attach molecules that can be made to glow after they reach targets such as cancer cells."

The article by senior editor Christopher Kent notes that cutting-edge work is being done in North Dakota, Oklahoma and Florida.

Mallik recently received a five-year, \$1.46 million grant from the National Cancer Institute. D. K. Srivastava, professor of biochemistry and molecular biology at NDSU, is the co-investigator on this award.

The pharmaceutical research of Mallik's team includes attaching anti-cancer drugs to nanoparticles and targeting molecules so particles only enter cells in need of treatment.

## Sylvester and Scott publish article on copayments



NDSU investigators published an article in the October 2008 issue of Journal of Managed Care Pharmacy. The article is titled, "Physicians' Opinions About Responsibility for Patient Out-of-Pocket Costs and Formulary Prescribing in Two Midwestern States."

Shamima Khan, former assistant professor of pharmacy practice,

performed the research with Robert Sylvester, associate professor of pharmacy practice; David Scott, associate professor of pharmacy practice; and Bruce Pitts of MeritCare Health System in Fargo.

Their study found that while physicians believed it was important to prescribe drugs that would minimize patients' prescription copayments and total drug costs, they were often unaware of the details needed to do so. Making this information more available to physicians has the potential to increase prescribing of medications with lower copayments and to increase patient access to needed medications.

## Miller and Dewey publish article on pharmacy

North Dakota State University investigators published an article in the November 2008 issue of Annals of Pharmacotherapy. The article is titled, "Economic Impact of a Pharmacy Resident in an Assisted Living Facility-Based Medication Therapy Management Program."

Brody Maack, BS '04, PharmD '06, and Todd Johnson of Lake Region Medical Center in Fergus Falls, Minn., conducted research with Donald Miller, professor and chair

of pharmacy practice, and Mark Dewey, assistant professor of pharmacy practice.

Partially funded by a federal Geriatric Education grant, the research showed that a pharmacist in a postgraduate residency training program could improve care while saving money for assisted living facilities through a review of their residents' medication profiles.

## New faculty



### Daniel Friesner

*associate professor  
of pharmacy practice*

**Education:** Bachelor's degree from Gustavus Adolphus College and a doctorate in economics from Washington State University

**Areas of expertise:** health economics, applied econometrics and community economic development

**Previous experience:** Gonzaga University, Weber State University, University of Southern Indiana and Washington State University

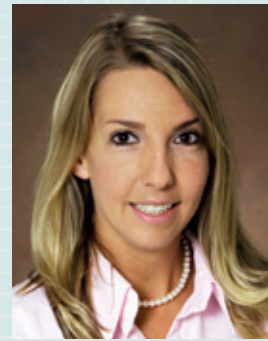
**Publications:** He has published more than 40 peer-reviewed articles and more than 25 conference proceedings, technical reports and practitioner publications, primarily in the areas of efficiency analysis, outcomes assessment and the relationship between health care and regional economic development.

**Activities:** American Economic Association, Academy of Business Economics, Business and Health Administration Association and the Association for Institutional Thought

**NDSU objectives:** Teach courses in pharmacy management, economic outcomes assessment, pharmaceutical care and other rural and public health pharmacy courses as needed by the department.

Publish research on topics related to efficiency analysis, community economic development, health administration and public health.

Work with hospitals and other health care organizations on quality improvement and compliance studies to support their accreditation and enhance the quality of care provided to patients. He also works with the director of the North Dakota Institute for Pharmaceutical Care, which assists pharmacists in North Dakota with implementing and evaluating pharmaceutical care services in their practice.



### Anne Ottney

*assistant professor  
of pharmacy practice*

**Education:** Doctor of Pharmacy from the University of Wyoming

**Area of expertise:** anticoagulation, osteoporosis, women's health and diabetes

**Previous experience:** One year of pharmacy residency training at a hospital in Missoula, Mont. She also taught at the University of Montana.

**Publications:** She has a publication in the October 2008 issue of Annals of Pharmacotherapy.

**Activities:** American Pharmacists Association and American Society of Health-System Pharmacists

**NDSU objectives:** Provide students with classroom and clinical learning opportunities that will incorporate them as an integral part of the healthcare team.

Contribute to the profession of pharmacy through relevant research and writing activities.

Work as a member of a multidisciplinary team to provide patients at her clinical practice site with comprehensive, patient-centered care, including drug information and education.

## New staff



### Becky Heinsen

*administrative secretary*

**Education:** Bismarck State College

**Previous Experience:** She has more than 20 years of experience in accounting and office management

positions. She has spent six years in the University System at the University of North Dakota, Bismarck State College and NDSU.

**Background:** She was born and raised in the Bismarck-Mandan, N.D., area. She has two daughters. Her oldest daughter is married and is a speech language pathologist in Minneapolis. Her youngest daughter will graduate from NDSU in May with a bachelor's degree in nursing and has accepted a position at MeritCare in Fargo.

**Hobbies:** Quilting, scrapbooking, gardening and reading.



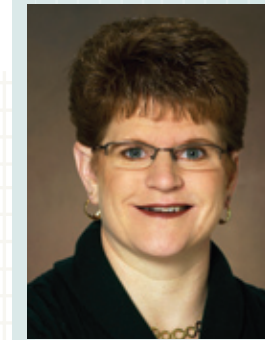
### Barb Welk

*administrative secretary*

**Previous Experience:** She previously worked for the Office of TRiO Programs for 10 years and for the NDSU Department of Animal Science for eight months.

**Background:** She is originally from North Dakota and also has a part-time job as a coach enumerator for the National Association of the State Department of Agriculture. For five years, she has been a host in the Friendship Family Program in the Office of International Programs at NDSU.

**Hobbies:** She enjoys spending time with her three grown children and four grandchildren. Her newest grandchild, Elsie Beth, was born on May 29.



### Julie Roberts

*administrative secretary*

**Education:** Moorhead Area Vocational Technical Institute

**Previous Experience:** She was previously an administrative secretary for two years in the Office of Research, Creative

Activities and Technology Transfer. During the past 25 years, she has held various legal and administrative secretary positions.

**Background:** She was born and raised in Fargo and attended Shanley High School. She has lived in Nebraska, Iowa and southern Minnesota. In 2003, her husband was transferred to the NDSU Technology Incubator. She and her husband have 15-year-old twin boys.

**Hobbies:** Camping, biking, golfing and watching her sons play tennis, swim, dive and play baseball.

**NDSU Objective:** She is eager to assume responsibility for the 2009 College of Pharmacy, Nursing, and Allied Sciences Career Fair and provide administrative assistance with the scholarship application and selection process.



## class notes

**Milo Haas, BS '58, pharmacy**, was inducted into the "Icons of Pharmacy" Hall at Oregon State University. During his 36-year career as a clinical pharmacist and pharmacy manager for various Providence Health System facilities, the Oregon Society of Health System Pharmacists twice named him as the Hospital Pharmacist of the Year. Haas was a specialist in hospice pain management and a contributing author for two books on pharmacy practice.

**Dr. Del Nelson, BS '58, pharmacy**, has taken a part-time position at Southeast Medical Clinic in Ellendale and Oakes, N.D. He retired last year from HealthEast Health Care System in St. Paul, Minn., after working family practice for 42 years.

**David Bernauer, BS '67, pharmacy**, honorary doctorate, '00, received an honorary Doctor of Human Letters degree from Long Island University's Arnold and Marie Schwartz College of Pharmacy and Health Sciences. Bernauer, the former chief executive officer of Walgreen Co., is a past chair of the National Association of Chain Drug Stores. He lives in Chicago.

**Terry Irgens, BS '69, MS '75, pharmacy**, is a retired Navy captain who was inducted into the Defense Logistics Agency Hall of Fame, Washington, D.C., for implementing medical supply efficiencies. He was recognized for extraordinary leadership as director of the Defense Supply Center, Philadelphia

Medical Material Supply Chain, and for outstanding mission support from 1990-94.

**Susan Wolf Nelson, BS '77, pharmacy**, is the pharmacy director of Family HealthCare Pharmacy, Fargo. The pharmacy is participating in a national HRSA Patient Safety and Clinical Pharmacy Services Collaborative, where they are doing five sessions of national training during an 18-month period. The pharmacy and clinic also have received a \$300,000 grant to expand dispensing and clinical pharmacy services to patients. She was the 2007 North Dakota Health-Systems Pharmacist of the Year.

**Darryle Schoepp, BS '78, pharmacy**, was featured in the New York Times article, "Daring to Think Differently About Schizophrenia." The story outlines the research efforts for a glutamate drug to treat the disorder. He is senior vice president and head of neuroscience research at Merck and Co., North Wales, Penn., where he directs about 300 researchers and support staff.

**Dean Mattson, BS '82, pharmacy**, was featured in the "Business of the Week" column in the Roseau, Minn., Times-Region newspaper. The Mattson family owns Mattson Pharmacy and Dean's Photo Express in Roseau as well as Greenbush Pharmacy in Greenbush, Minn.

**Capt. Derrick R. Clay, BS '87, pharmacy**, was promoted to captain in the U.S. Navy. He is director for Clinical Support Services consisting of pharmacy, laboratory, radiology, physical therapy

and clinical nutrition at Naval Hospital, Bremerton, Wash.

**Kelly Keaveny, BS '87, pharmacy**, and his wife, Deb, purchased Paynesville Corner Drug in Paynesville, Minn. The couple now owns eight drug stores in central Minnesota.

**Sara (Groth) Vaagene, BS '90, pharmacy**, is the lead pharmacist at the Family Medicine Residency Pharmacy in Grand Forks, N.D. She and her husband, Brad, and their three children live on the family farm near Hatton, N.D. (X)

**Dr. Mark Szczepanski, BS '91, pharmacy**, was named one of the 2007 Laser Vision Top 100 Surgeons. This is the second time he has been recognized as a leader in refractive surgery and achieving LASIK excellence. He is an ophthalmologist at the North Dakota Eye Clinic of Grand Forks, N.D., and Thief River Falls, Minn.

**Cathy (Heen) Johnson, BS '92, PharmD '94**, joined the pharmacy staff at Arenson's Annandale Pharmacy, in Annandale, Minn. She lives in Maple Grove, Minn.

**Tara (Braaten) Tomczak, BS '96, PharmD '98, pharmacy**, is the new pharmacist at the Duluth Clinic, International Falls, Minn. She has worked in International Falls since 2004.

**Michael Gulseth, PharmD '99, pharmacy**, is the program director for anticoagulation services at the Sanford University of South Dakota Medical Center's Department of Pharmacy Services in Sioux Falls, S.D.

**Srinivas Ghatta, PhD '06, pharmaceutical sciences**, writes to say how much he enjoyed the NDSU alumni gathering in Philadelphia in conjunction with the American Chemical Society honoring NDSU Distinguished University Professor Mukund Sibi with the prestigious Arthur C. Cope Award. "It was a memorable interaction with people from different backgrounds, but who had one thing in common — NDSU," Ghatta wrote of the August event. "We did not even realize how those two hours passed." Ghatta is a principal scientist for GlaxoSmithKline Respiratory Drug Discovery, King of Prussia, Pa.

## student news

# Pharmacy, Nursing, and Allied Sciences Ambassadors start first year strong

The College of Pharmacy, Nursing, and Allied Sciences ambassadors had an exciting and successful first full semester. It started with a fun and informational two-day retreat in September where the ambassadors discussed electing and nominated officers, set ground rules and, most importantly, got to know each other.

Activities included several icebreakers plus training for campus tours, diversity awareness and the different majors in the college. The ambassadors are the first interdisciplinary student organization within the college. They represent all the majors and levels of majors, so they can promote all the disciplines.

Elections were held in October. Nominated members gave a short speech on why they would be the best candidate for the position and left the room as other members made positive comments about them and voted. Winners were announced immediately, and those who did not get the position were allowed to move to the next available position if they wanted. This was a big day for the organization, as it marked a step in becoming a student-run organization.

The newly elected officers got right to work on a constitution for the organization. Not only have they been busy, but the group also gave tours to prospective NDSU students during Discover NDSU Days in the fall and met members of the Pharmacy National Advisory Board at Homecoming.

Some of our freshman students were living in hotels during fall semester instead of on-campus. To help connect them with

the college, we hosted pizza parties that included games and information about the college. We have done so much more, but these were the highlights from fall semester.

Overall, it has been an exciting semester. The ambassador group is forming well considering it is not yet a year old. With guidance from advisers and the college, the future looks bright and promising for this group.

**Roland Achenjang, ambassador president**

### Elected officers:

**President:** Roland Achenjang (pharmacy)

**Membership Chair:** Shane Johnson (nursing)

**Secretary:** Abbe Malone (radiologic sciences)

**Dean's Liaison Committee:** Al Berg  
(pharmacy/pharmaceutical sciences)

**Recruitment Chair:** Mary Raven (pharmacy)

**Public Relations Chair:** Kate Jones (pharmacy)

**Special Events Chair:** Carrie Kincaid (nursing)

**Historian:** Katie Montag (pharmacy)

**Pharmacy Liaison:** Cole Helbling

**Nursing Liaison:** Sarah Roehl

**Allied Sciences Liaison:** Shawn Pearson (radiologic sciences)

**Pharmaceutical Sciences Liaison:** Kacie Hughes



College Ambassadors connect NDSU to the outside world.



## Student group supports three patient care projects

The NDSU American Pharmacists Association Academy of Student Pharmacists experienced an exciting fall semester. Our organization has been revitalized with new members bringing new ideas and energy to our projects.

We continue to dedicate our efforts in support of three patient care projects: Operation Diabetes, Operation Immunization and the Heartburn Awareness Challenge. In support of Operation Diabetes and Heartburn Awareness, APhA-ASP students provided health screenings at the Big Iron Farm Show in West Fargo. This is an annual event that gets our members out of the classroom and into direct contact with patients.

Operation Diabetes also provided blood pressure and diabetic foot screens at West Acres this fall. Students working with Operation Immunization were involved in the meningitis and flu clinics sponsored by the NDSU Wallman Wellness Center.

Our chapter addressed the topic of economics and the impact of difficult financial times on patients. According to the Great Plains Food Bank in Fargo, one in 12 North Dakotans will access emergency food services, with a majority being children and the elderly. How will this affect patients when it comes to paying for health care and medications? With this question in mind, the



Academy members continued to support Operation Diabetes, Operation Immunization and the Heartburn Awareness Challenge.

NDSU APhA-ASP and the College of Pharmacy, Nursing, and Allied Sciences dedicated November to a month-long food drive to support the Great Plains Food Bank.

*Ramona Danks, ASP member*

## Flu shot clinic for athletes a success

The student athlete immunization clinic was a great chance to spread the word about the pharmacist's role in immunizations. Using the Concept Pharmacy, six fourth-year pharmacy students and two faculty members prepared and labeled 180 syringes of the influenza vaccine. An immunization clinic was held at the Bison Sports Arena and in just two-and-a-half hours the team immunized 130 athletes. Assistant professor Jeanne Frenzel organized the clinic and plans to make it an annual event.



Steven Bladow gives an influenza injection to a student athlete.



Fourth year students who helped from left to right were: Steven Bladow, Emily Krause, Anne Gorder, Kristen Bjerken, Alexis Barr and Alanna Bowman.

# Show your NDSU pride!

Your purchase supports NDSU's chapter of the Academy of Students of Pharmacy.



1

### NDSU Pharmacy T-shirt

Color: Gray  
Sizes: S-XXL

**Price: \$12**



2

### NDSU Pharmacy hooded sweatshirt

Color: Gray  
Sizes: L and XL

**Price: \$20**



3

### NDSU Pharmacy blanket

Color: Black

**Price: \$20**



4

### NDSU Pharmacy zip hooded sweatshirt

Colors: Gray, green, black  
Sizes: S, M, L, XL\*

**Price: \$35**

\* black only available in S and M sizes

## Order Form:

	Color	Size	Quantity	Unit price	Subtotal
① NDSU Pharmacy T-shirt	_____	_____	_____	\$12.00	\$ _____
② NDSU Pharmacy hooded sweatshirt	_____	_____	_____	\$20.00	\$ _____
③ NDSU Pharmacy blanket	_____	_____	_____	\$20.00	\$ _____
④ Pharmacy zip hooded sweatshirt	_____	_____	_____	\$35.00	\$ _____
				<b>Shipping:</b>	\$ 7.00
<b>TOTAL ENCLOSED</b> .....					\$ _____

Order forms and checks, payable to ASP, should be sent to Paul Connelley, Dept 2650, PO Box 6050, Fargo, ND 58108-6050. For further information, contact Paul Connelley at 701-231-7722 or e-mail paul.connelley@ndsu.edu.



## development

Thank you to the following alumni and friends for their gifts to benefit the pharmacy program from July 1, 2007, to June 30, 2008. These gifts listed by class years allow us to carry on the tradition of excellence in sustaining the highest-quality teaching, research and outreach programs in pharmacy.

Every effort has been made to ensure accuracy, but errors or omissions may have occurred. Please bring any such errors to our attention. For more information about gifts that directly benefit the college, contact Sara Tanke, Director of Advancement, by phone at 701-231-6461 or e-mail: Sara.Tanke@ndsu.edu.

### 1930s

John P. Hagen  
Kenneth and Mildred Kroll  
Deborah Schranz  
Anthony Walter

Richard and Audrey McElmury  
Gordy and Vida Meland  
Vernon Nichols  
Richard and Jacqueline Olness  
Kent and Claudia Olson  
Jim Parkin  
Cyril and Ora Peterson  
Thomas and Joyce Pettinger  
Riley and Oliveann Rogers  
Kent Sack  
Donald D. Schiefer  
Alan and Audrey Schuhmacher  
Erwin and Della Snustead  
Jerome and Carolyn Staska  
Donald and Muriel Stilwell  
Raymond and Annette Vellenga  
Kenneth and Kathleen Wedul  
Charles and Terryl Ann Wilharm

### 1950s

Dave and Muriel Berg  
Roger and Florence Casey  
Patricia Churchill  
Margaret F. Cline  
Patricia and Lee Cochran  
William and Colleen Curtis  
Jerome and Jane Dufault  
Pat and Kay Farrell  
Jon T. Fuglestad  
Dirk and Kay Gaspar  
Roland and Laverne Gerberding  
William and Mary Anne Grosz  
Charles and Yvonne Haeffner  
Lorraine M. Hanson  
James Hegvik  
Bill and Donna Hoel  
Jon and Carole Holcombe  
Loren and Barbara Holmstrom  
Ingrid Irani  
Charles and Kathleen Jaeb  
Jane M. Jaffe  
Percy and Carolyn Jolstad  
Thomas and Darby Keaveny  
Joan and Darwin Kelver  
James and Molly Kennedy  
Kenneth and Mary Krause  
Curtis and Lydia Larson  
Lora J. Larum  
William and Patricia Lau  
Donald and Ruth Ljungren  
Stanley and Arlene Lundine  
Rodger and Kate Magnuson  
Dick Maves  
Monte and Corene McAtee

### 1960s

Rodney and Lyla Anderson  
Larry and Twilia Arthaud  
Ronald and Diane Bader  
Duwayne and Mavis Baranyk  
Heddi and Kusum Bhargava  
Harold R. Borchert  
Marvin and Alice Braaten  
Michael and Crystal Budge  
Douglas and Janie Carlson  
Ken and Sharon Carpenter  
Bruce and Ona Cary  
Ordean and Lynnae Christianson  
Jeffrey and Sherry Colehour  
Gary and Kristin Connell  
Linn and Janice Danielski  
Gregory and Barbara Deibert  
Raymond and Mary Ellingrud  
Marlowe and Corinne Evenson  
John and Carol Gahley  
Paul and Darlene Gast  
Jack and Barb Gerlach  
Merrill and Connie Gleason  
Bob and Susan Goetz  
Ronald and Catherine Harlander  
Kathleen P. Harter

Leo Hoffer  
Michael and Nancy Horner  
Michael and Adelle Jacoby  
Bhupendra and Vijaya Jobalia  
Mike and Barb Jones  
Kenneth and Mary Keefner  
Roger and Sandy Kohlman  
Lyle and Kathryn Lamoureux  
Sandra and Wayne Lane  
Francis and Anna Lantz  
Jack and Emma McKeever  
Robert and Karen Mickelson  
Roger and Linda Mickelson  
Robert and Rae Moe  
Edward and Sandra Mullen  
Kenneth and Starleen Munch  
Roger and Sharon Narveson  
Charles W. Northcutt, Sr.  
Ardel and Joan Olson  
Kishor Parekh  
Wayne and Sharon Peterson  
Elizabeth and Jerry Poffenberger  
James and Janice Poppe  
Charles and Donna Primozich  
Dennis Bangan and Joan Quick Bangan  
Nutakki and Devi Rao  
Carol and Ray Rauon  
Joe Rudnicki  
Maurice and Janet Salls  
Jeanne and Andrew Sangray  
Cecil and Julie Schimke  
Wayne F. Scott  
Stephen and Sheila Semling  
Richard and Karen Shannon  
Richard W. Sharpe  
Gene and Phyllis Skaare  
Ronald Skarperud  
Robert Stoxen  
Jean and Donald Swanson  
David and Janice Swanson  
Myron and Beverly Sylvester  
Thomas and Debra Tharaldson  
Thomas and Alice Thompson  
Bob and Marti Tuchscherer  
Paul and Donna Tunell  
Terrel Turnquist  
Darven and Meryce Unruh  
Mary L. Wacek  
James and Laura Wahl  
James and Le Walker

David and Judith Weinkauff  
Tony Welder  
Virginia D. Wells  
Paul and Sandra Westerberg  
Bruce and Ana Maria Wexler  
Frank and Sarah Yetter

### 1970s

Elaine and Daniel Almbblade  
Myrna Anderson  
John and Debi Anderson  
Robert and Karen Anderson  
Larry and Jolinda Arnold  
Steven and Joyce Bakkum  
Robert Bangan  
Diane Horvath  
Stephen and Connie Hulst  
William and Renae Hunke  
Victor and Marsha Jamnik  
Wayne and Claudia Janku  
Doreen B. Jensen  
Janis and Stephen Johnson  
Sandra J. Johnson  
Bruce and Janet Junker  
David and Doris Just  
Noell and Michael Just  
Jerome and Sherry Kemper  
William and Sharon Kennelly  
Mary and Kent Kennon  
Thomas and Frances King  
Allan and Cathy Klein  
Wesley and Theresa Knecht  
Kenny and Becky Knutson  
Paulette Knutson  
Spencer and Beverly Clairmont  
Kirby and Judy Crawford  
James and Janet Crussel  
Terry and Donna Dahl  
Roger and Judith Davis  
James and Inez Dawson  
Glenn and Joyce Dehlin  
Dennis and Nadine DelaBarre  
Mary and James Dodd  
Nancy and John Duletski  
Lois and Robert Dunne  
Larry and Mary Ellingson  
Mark and Mary Erdrich  
Sue Fena  
Brian and LaVonne Fingerson  
Mark and Joanne Fitterer  
Candice and Ian Fleming  
Merle and Carolyn Fossen  
Blair and Jackie Galbreath

Michael and Kimberly Galt  
Timothy Gardner  
Patrick Gastonguay  
Donald and Carol Geigle  
Mark and Robyn Gonitzke  
Cheryl and James Gordon  
Wayne and Mary Gregoire  
William Gunderman  
Dennis and Sharon Gustafson  
Ronald and Joann Hansen  
Gerald and Bonnie Heit  
Dwight Hertz  
Bob and Jackie Hoolihan  
Jennifer and John Horihan  
Diane Horvath  
Stephen and Connie Hulst  
William and Renae Hunke  
Victor and Marsha Jamnik  
Wayne and Claudia Janku  
Doreen B. Jensen  
Janis and Stephen Johnson  
Sandra J. Johnson  
Bruce and Janet Junker  
David and Doris Just  
Noell and Michael Just  
Jerome and Sherry Kemper  
William and Sharon Kennelly  
Mary and Kent Kennon  
Thomas and Frances King  
Allan and Cathy Klein  
Wesley and Theresa Knecht  
Kenny and Becky Knutson  
Paulette Knutson  
Spencer and Beverly Clairmont  
Kirby and Judy Crawford  
James and Janet Crussel  
Terry and Donna Dahl  
Roger and Judith Davis  
James and Inez Dawson  
Glenn and Joyce Dehlin  
Dennis and Nadine DelaBarre  
Mary and James Dodd  
Nancy and John Duletski  
Lois and Robert Dunne  
Larry and Mary Ellingson  
Mark and Mary Erdrich  
Sue Fena  
Brian and LaVonne Fingerson  
Mark and Joanne Fitterer  
Candice and Ian Fleming  
Merle and Carolyn Fossen  
Blair and Jackie Galbreath

John and Jackie Mortensen  
Stephen and Julie Mullen  
John and Cynthia Naughton  
Bruce and Son Young Nelson  
Larry and Gail Nelson  
Barry and Susan Nelson  
Loren and Jan Ness  
Glenn and Mary Otterman  
Fred and Linda Paavola  
Donald and Marcie Pedersen  
Kendal L. Pedersen  
Donald Perrin  
Randolph and Peggy Pitzer  
Owen Polifka  
Gregory Posch and Diane Nagel  
Deanne Priebe  
Reed and Kim Qualey  
Ann and Thomas Rasmusson  
Mark and Rebecca Ratzlaff  
Michael Rempfer  
Michael and Sharyn Resvick  
Thomas and Carol Ritter  
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July 1, 2007-June 30, 2008

Members of the Dakota Club build professional excellence in pharmacy by supporting the NDSU Pharmacy Program. Members make an annual \$100 contribution to the club.

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Timothy Klug

## a message from the advancement office



Tanke

During this past holiday season, I was thinking about how alumni and corporations have made a significant impact on our pharmacy students. On Sept. 18, we awarded \$182,000 to more than 130 pharmacy students. Many of these students continue to stop by my office and talk about how grateful they are to have received scholarships.

Excerpts from one student letter stand out the most for me:

"Growing up, I wanted to be three things: a baseball player, a football player and/or a fighter pilot. But, like for most kids, that wasn't in the cards. So where did that leave me?"

"Good question. I've heard that 'life is what happens while you wait for your plans to work out.' I'm sure that you've had your share of events that fit that bill. For me, life was derailed for a while when I was diagnosed with leukemia at age 10. It was life changing in many ways. No doubt I would not be who I am today if not for that ... For better or worse, I'm not always certain.

"Two years later at a checkup, my mom asked my doctor whether - if she had to do it all over - would she choose to be a doctor again?"

"My doctor paused for a moment before finally saying, 'No. I would've been a pharmacist.'

"For whatever reason, that stuck with me, and I've been telling people since I was 12 that I was going to be a pharmacist. It seemed to fit. Math and science were things I was good at in school, and I wanted something medical in the hopes of helping others in some way. (I was really thinking of medical school, but it turns out that I'm not a fan of blood in school discussions ... Pharmacy kept looking better all the time.)

"College has been interesting. Life keeps changing, with new hobbies, new friends, and so on. The last two years in particular have been some of the best - and most challenging - of my life. But that's good, in the end. Those are the times where you stretch yourself and become stronger.

"I have always been taken aback by the generosity of some. To give so freely to someone that you never met is a rare, wonderful thing in this world. Thank you. In the future I pray that I will have the foresight and discipline to follow your lead."

The impact of your gifts is so greatly appreciated. I hope you have considered joining the Sudro Society, creating a scholarship to foster someone else's education, or providing a site for students on Introductory Pharmacy Practices Experience.

Don't forget, we love to have visitors in Sudro Hall. Please stop by and see all of the exciting happenings within the college and at NDSU.

Sara Tanke  
Director of Advancement  
701-231-6461 or Sara.Tanke@ndsu.edu.



NDSU  
Annual Giving

Membership is credited on a fiscal year basis, July 1 to June 30. Contributions are tax deductible as allowed by law.

### MAIL TO:

Direct of Advancement  
College of Pharmacy, Nursing,  
and Allied Sciences  
Dept 2650, PO Box 6050  
 Fargo, ND 58108-6050

## Sudro Society Membership

Donations to the College of Pharmacy, Nursing, and Allied Sciences are administered by the NDSU Development Foundation.

Name as it appears on card \_\_\_\_\_ Class year \_\_\_\_\_  
(please print)

Enclosed is my gift of:  \$2,500  \$2,000  \$1,500  \$1,000 (minimum membership level)  
 \$ \_\_\_\_\_ (other) Gifts less than \$1,000 will be recognized as Friends of Sudro Society.

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992009 Appeal



# pharmacy alumni news

WINTER 2009 • VOL. 12 • ISSUE 2

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## NDSU

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Fargo, ND 58108-6050

*NDSU has changed campus mailing procedures.  
Please note the college's new address.*

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Editor/writer: Joel Hagen

Writers: Sadie Anderson, Laurie Baker,  
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Main, (701) 231-7708.*

*This publication is available in other formats on request.*

## calendar of events

### FEBRUARY

17-22 NDSU in Arizona Alumni Events

### APRIL

4 Alumni Social – American Pharmacists  
Association Annual Meeting and Exposition,  
5–7 p.m., Henry B. Gonzalez Convention Center,  
Room 007C, San Antonio, Texas  
Visit [www.ndsu.edu/pharmacy](http://www.ndsu.edu/pharmacy) for more information

### MAY

- 14 Nurse Pinning
- 15 Pharmacy Hooding Ceremony  
Graduate Commencement, *Fargodome*
- 16 Undergraduate Commencement, *Fargodome*



### SEPTEMBER

11-20 50 Year Reunion