Alumni and Friends of the School of Pharmacy:
The school is well into the 2007–08 academic year, so I would like to bring you up to date on the many exciting events that are currently happening or have already occurred within the School of Pharmacy.

As many of you already know, in April we held the Annual Honors and Awards Banquet for the 2007 graduates and honored the many generous contributors to the School of Pharmacy. We recently recognized members of the first class of UW School of Pharmacy students who began their studies in Merica Hall during the 1946–47 academic year. The year 2007 marks the 60th anniversary of the first class. In addition, we kicked off the Dean David W. O’Day Endowment Campaign with the goal of raising $1.5 million. These funds will be matched by the state of Wyoming for the purpose of investment. The income generated from the endowment will ensure that the School of Pharmacy will maintain its academic and professional standards of excellence far into the future. I write more about this in the “Dean David W. O’Day Endowment Campaign” section in this issue of Wyoming Scripts.

In late April, the school was visited by the Accreditation Council for Pharmacy Education (ACPE) for purposes of accreditation. The outcome of this visit was very positive for the school. The school received the full six-year accreditation. This was due, in large part, to the support of the UW Board of Trustees and administrators, the College of Health Sciences, as well as the excellent work provided by the faculty and staff of the school. We have two years to enhance our assessment efforts and to get additional administration positions employed. We believe that we will be able to achieve all of the ACPE’s requests within the two-year timeline.

Research within the School of Pharmacy continues to expand. New and renewed grants totaled $1,178,408 at fiscal year-end. In addition, there were $2.5 million in grants pending. The Center for Cardiovascular Research and Alternative Medicine (C-CRAM), formed in 2004 to foster interdisciplinary research among faculty, has had another banner year. The center is directed by Jun Ren, M.D., Ph.D., professor of pharmacology, and Bruce Culver, Ph.D., professor and chairman of the Division of Pharmaceutical Sciences. The C-CRAM members were joined this fall by Ji Li, Ph.D., a former Yale University faculty researcher whom we are honored to have on board. Feng Dong, Ph.D., will be leaving us in January to pursue a Margenthaler Fellowship at The Cleveland Clinic in Ohio. We wish Dr. Dong the very best in his future career. The faculty outside of C-CRAM also had a busy year by producing 31 publications, 77 presentations, and 13 publication reviews.

The school has been successful in attracting several new faculty members this year. Among the new faculty are pathophysiologist Suzanne Clark, Ph.D.; primary-care clinical pharmacy specialist Mary Emashowsk, Pharm.D.; and Drug Information Center director Melissa Hunter, Pharm.D. We are currently searching for a professor in toxicology as well as a clinical pharmacist for a clinical practice faculty position opening in Fort Collins at Poudre Valley Hospital. Delwar Hussain, Ph.D., resigned to take a position at Texas A&M College of Pharmacy.

Linda Martin, Pharm.D, M.B.A., B.C.P.S., is now serving as the associate dean for the school. Martin brings many years of experience from her activities with the University of Wyoming, College of Health Sciences, and the School of Pharmacy. She is devoting 25 percent of her time toward this position and will continue the majority of her teaching load within the Social and Administrative Pharmacy group.

The School of Pharmacy faculty and staff received four College of Health Sciences Recognition Awards: Chloe Jones, Outstanding Staff Award; Allyn Ontko, Ph.D., Outstanding Teacher Award; Kem Krueger, Pharm.D., Ph.D., Interprofessional/Interdisciplinary Award; and Shiyan Li, Ph.D., New Investigator Award. In addition, a UW John P. Ellbogen Meritorious Classroom Teaching Award was presented to Ontko.

Melissa Hunter, Pharm.D., director of the Drug Information Center (DIC), has handled more than 1,200 requests this year for drug information from professionals and citizens in Wyoming. The DIC continues to expand its services to the state. In addition, Hunter has redesigned the informational databases, making them accessible to both students and faculty to better assist them with their academic and professional needs.
The Drug Utilization Review program (DUR), under the management of Aimee Lewis, Pharm.D., continues to serve the state by developing a drug formulary for Medicaid. Lewis serves the school and the state by serving on several committees, and is assisted by staff member Laura Miller.

The recently graduated class of 2007 consisted of 46 graduates (28 women and 18 men) who had a graduating GPA of 3.38. Our 2007 graduates accepted employment in various areas of practice such as community and chain pharmacies, hospital pharmacies, and residencies.

Our standards of excellence have not gone unnoticed. The School of Pharmacy has received a record number of applications from more than 640 applicants seeking one of the 52 positions for the fall 2007 class. A total of 152 applicants were granted interviews by faculty members. Of the 152, 52 were selected as future School of Pharmacy students, and an additional 25 were placed on a wait list. Applicants were selected because of their stellar grades and PCAT scores, as well as the quality of their submitted letters of recommendation, and professional and communication skills as observed in the interview. The class of 2011 consists of 35 percent out-of-state students (18) and 65 percent in-state students (34). The averages of accepted scores are as follows: PCAT score: 76; cumulative GPA: 3.445; and science and math GPA: 3.4. Although the interview process is lengthy and extensive, the faculty believe that better interviewees make better pharmacists. Adept communication skills are essential in effective pharmacy practice, and we want to ensure that the School of Pharmacy’s future practicing pharmacists excel in providing professional services.

The school’s redesigned Web site (www.uwyo.edu/pharmacy) is currently up and running. Chloe Jones, office associate and Web coordinator, has managed the site with an emphasis on user-friendliness in keeping each of you informed about all of the school’s current events. Jones is also the editor of the Wyoming Scripts newsletter. Our first edition was sent out last year and was an instant success. I would like to thank the many readers for their compliments regarding this new publication, and would additionally like to thank RxPlus for their financial support of the first edition. I would like to express my appreciation to RxPlus and Walgreens for sponsoring this year’s Wyoming Scripts.

The school would like to express our sincere gratitude to all of our alumni and friends. Thanks to you, the UW School of Pharmacy has surpassed standards of excellence in both research and academics. I wish all of you the very best for the upcoming year.

John P. Wandel
ACCREDITATION AND 
MISSION STATEMENT

SCHOOL OF PHARMACY
RECEIVES FULL ACCREDITATION TERM

The Accreditation Council for Pharmacy Education (ACPE) has awarded the UW School of Pharmacy full accreditation until June 30, 2013. This represents the longest possible term of accreditation awarded by ACPE. Although this is the best of news, the school must continue to meet all of the standards and goals of the accreditation guidelines during this time period. To do this, the faculty will be busy revisiting the school’s mission and values while they develop a new strategic/academic plan. Assessment of all aspects of the program, including the curriculum, student learning, faculty development, research, and service, will be an ongoing project. This process probably means extensive change (for even higher quality) in the next six years.

MISSION STATEMENT

The mission of the University of Wyoming School of Pharmacy is to be recognized as a leader in pharmacy education by:

► Providing and sustaining knowledge and skills necessary to develop outstanding pharmacists capable of delivering pharmaceutical care in a rural-frontier environment.

► Cultivating professionalism and a commitment to lifelong learning.

► Achieving recognition for innovation and leadership in research and practice.

► Promoting excellence in the practice of pharmacy by being agents of positive change.

► Providing service to health care providers, health care systems, and patients to promote excellence in health care.

DEAN DAVID W. O’DAY ENDOWMENT CAMPAIGN

In April, at the Annual Honors and Awards Banquet, we announced the beginning of the Dean David W. O’Day Endowment Campaign. This past academic year (2006–07) marked the 60th anniversary of the entry of the first class into the University of Wyoming School of Pharmacy, begun by Dean David W. O’Day.

The UW School of Pharmacy is strongly supported by the state of Wyoming and the university. Basic operations are sufficiently covered, but nearly 90 percent of our budget is expended for faculty and staff salaries. Excellence, though, is established through gifts from individuals, foundations, and corporations. Gift dollars are used for students to support scholarships for tuition, assist with attending national meetings, and materials and equipment for student and faculty special projects. Our alumni and friends of the school have been key contributors to our current student and faculty projects; they are always willing to lend a hand. Students and faculty recognize this support and are very appreciative of these gifts.

GIFTS OF $50,000 OR MORE: UNIVERSITY OF WYOMING ENDOWMENT CHALLENGE

The state of Wyoming also recognizes that endowments are vital to UW’s future because they generate a dependable, predictable stream of income in perpetuity. As a result, the University of Wyoming Endowment Challenge has been created to match, dollar for dollar, gifts of $50,000 or more from a single donor that are designated for a UW endowment. To take advantage of this opportunity, the UW School of Pharmacy has established a goal to raise $1.5 million by graduation of the 60th class in May 2010. Matching these gifts will result in a $3 million endowment for the school. This endowment would never be expended and would produce approximately $142,500 in income each year based on current endowment yields.

I am pleased to announce at this time the UW Foundation has received approximately $760,000 of the $3 million in endowed gifts and state match for the School of Pharmacy. An individual, company, or recognized organization that desires to make a gift of $50,000 or greater may do so and it will be
matched by the state and be included in the totals for the O’Day Campaign. If a donor desires to make gifts over a series of years, a pledge can be spread up to a five-year period. Gifts will be accepted in the form of cash, equities, or property that has grown in value, or if the individual is 70½ years of age, he or she may elect to transfer assets from an IRA to a charitable institution and avoid undesirable tax effects.

If you plan to make this kind of gift, please contact the dean of the School of Pharmacy or the UW Foundation for assistance.

John Vandel, Dean  
UW School of Pharmacy  
Dept. 3375, 1000 E. University Ave.  
Laramie, WY 82071  
Phone: (307) 766-6120

UW Foundation  
O’Day Campaign  
1200 E. Ivinson Ave.  
Laramie, WY 82070-4159  
Toll-free phone: (888) 831-7795  
Phone: (307) 766-6300  
Give online: www.uwyo.edu/giveonline

GIFTS LESS THAN $50,000: WPhA–O’DAY ENDOWMENT GIFTS

Anyone who desires to make a gift of less than $50,000 to the O’Day Endowment and have it matched by the state can do so by sending the gift to the Wyoming Pharmacist Association (WPhA). WPhA has a 501(c)(3) foundation that can receive and distribute the funds so as to qualify for the matching funds. WPhA has signed a $50,000 pledge with the UW Foundation, which is to be completed within five years. All funds going to the pledge and funds exceeding this pledge are eligible for the state matching program provided there are funds remaining in the state matching account.

To make a gift in this manner, you would send the gift to the Wyoming Pharmacist Association (WPhA) and designate it “WPhA–O’Day Endowment” on your check or other manner of gifting. The WPhA will include these gifts with their annual giving to the UW Foundation. Your gift will be matched when the total gifting by WPhA reaches the $50,000.
WPhA–O’Day Endowment gifts can be sent to:

Kara Beech, B.S., C.H.C.
Executive Director
Wyoming Pharmacy Association
P.O. Box 228
Byron, WY 82412
Phone: (307) 272-3361

The school will keep an accounting of the gifts received and sent to the UW Foundation, and letters of recognition and appreciation will be sent to the donors. An “Honor Board” will be mounted in the School of Pharmacy with the names of all the donors attached.

I urge you to continue your usual contributions for scholarships and other areas of support in addition to your O’Day Endowment gift.

Most schools or colleges of pharmacy have endowments that enhance their budgets and assist in creating a school of excellence. Many endowments are much larger than what we are attempting to create for the UW School of Pharmacy. I look forward to our alumni and friends of the school assisting us in making this goal of $1.5 million, which will be matched, making a total endowment of $3 million.

I thank you for your consideration of this worthwhile endeavor.

—John H. Vandel, Dean

(Top) SCHOLARSHIP CONTRIBUTORS Professor Robert Scalley (L) and Dean John Vandel (R) join donors Kenneth and Nancy Henderson in presenting the Dr. Kenneth R. & Nancy D. Henderson Scholarship to (from L) Krista Tafoya and Rochelle Fliethman.

(Bottom) CENTENNIAL SCHOLARSHIP Wyoming Pharmacy Association President Whitney Buckley is joined by Kem Krueger (L) and Dean John Vandel (R) in congratulating Josh Hickox for winning the Wyoming Pharmacy Association Centennial Scholarship.

SAV-ON SCHOLARSHIP Presenter Bruce Culver (L) and Dean John Vandel (R) are pictured with Sav-On Scholarship recipients (from L) Alyssa Barbour, Angela Fornstrom, and Jessica Jennings.
ALUMNA OF THE YEAR

Marilynn H. Mitchell-Deiss of Casper, Wyoming, is the School of Pharmacy Alumna of the Year. Born in Fort Morgan, Colorado, Mitchell-Deiss graduated from Laramie High School in 1952 and is a 1956 graduate of the UW School of Pharmacy. She began her career as a registered pharmacist in 1958 and worked as a staff pharmacist at University Hospital in Augusta, Georgia, and also in retail pharmacies in Wyoming.

Mitchell-Deiss has played significant roles in state and national pharmaceutical organizations. She was the executive director of the Wyoming Board of Pharmacy for more than 31 years (1967–98) and was the first full-time employee of the board. She served on the Governor’s Advisory Council on Drug and Alcohol Abuse from 1969 to 1978 and was a member of the Wyoming Board of Medical Examiners.

In 1974, Mitchell-Deiss was the first woman ever elected president of the National Association of Boards of Pharmacy and has been included in numerous publications, including Who’s Who in American Women, The World Who’s Who of Women, and Notable Americans.

She has received many awards, including a certificate of commendation award from the American Institute of History of Pharmacy for writing a manual of the history of pharmacy in Wyoming for the past 100-plus years, “Chronological History of Pharmacy in Wyoming” (1990). She also planned and set up a pharmacy museum display.

Mitchell-Deiss has been a generous supporter of the School of Pharmacy and is a lifetime member of the UW Alumni Association. She is a world traveler, having been to all seven continents, and maintains an active interest in archeology. She has studied cultures around the world and began course work at Casper College this fall in anthropology/archeology.

CLASS OF JANUARY 1967 CELEBRATES 40TH REUNION

Five members of the class of January 1967 and family members met in Laramie April 21 to celebrate their 40th reunion. The reunion was held in conjunction with the School of Pharmacy’s 60th anniversary celebration. Attending the reunion were Loren and Lois Ann Thompson, Bruce and Jenny Hoffman, Art and Doris Zube, Terry and Carol Hahn, and Brad Stearns. Unable to attend were Bill and Holly Rathburn and Marj Stearns.

CLASS OF 1957 HONORED DURING 50TH ANNIVERSARY

Members of the Class of 1957 were honored during the School of Pharmacy Alumni Reception held during Homecoming activities in October. Members attending were Charles E. Johnston, Robert B. Nelson, and John H. Vandel.

50TH ANNIVERSARY Members of the Class of 1957 shown with Alumna of Year Marilynn Mitchell-Deiss are (L to R) Dean John Vandel, Robert Nelson, and Charles Johnston.
EXPERIENTIAL EDUCATION MAXIMIZES LEARNING

Although one may initially envision pharmacy students spending all of their time in classes, nearly one-third of their educational program (46 of the 142 credit hours) consists of directed experiences or rotations that occur outside of the classroom setting. These important experiences provide students with an opportunity to apply and practice the knowledge, skills, and behaviors from previous and concurrent coursework in authentic practice environments.

EXPERIENTIAL TEAM

The experiential team is made up of full-time School of Pharmacy faculty and staff as well as adjunct faculty preceptors.

The School of Pharmacy relies on the contributions of adjunct faculty and wants to thank all of the practitioners who graciously serve as preceptors. Their commitment to assisting in the training and educational process of our students is critical to the success of both our students and program. The school is proud to offer over 380 rotation sites.

Administration and coordination of the experiential program is carried out by Janelle Krueger, M.S., R.Ph., director of experiential education and clinical assistant professor of pharmacy practice; Jeffrey Bernard, B.S., R.Ph., coordinator of advanced pharmacy practice experiences and assistant lecturer; and Jodi Frankford, B.A., office associate.

The experiential education program consists of two components: the Introductory Pharmacy Practice Experiences (IPPEs), and the Advanced Pharmacy Practice Experiences (APPEs).

INTRODUCTORY PHARMACY PRACTICE EXPERIENCE (IPPE) PROGRAM

While rotations at the conclusion of the didactic portion of the curriculum have been a long-standing component of all pharmacy programs, there was a growing recognition that the students’ educational experience would be more meaningful and beneficial if they had earlier exposure to pharmacy practice activities. Also, these experiences would be more constructive for the students if they were woven throughout the curriculum.

As a result, in the late 1990s the Accreditation Council for Pharmacy Education (ACPE) first required the addition of Introductory Pharmacy Practice Experiences (IPPEs) into schools’ curricula. In June 2007 the ACPE guidelines regarding IPPEs became more specific and now must be a minimum of five percent of the curriculum and a minimum of 300 contact hours. The intent is to expose students to the profession much earlier, build their skills, and better prepare them for the fourth year.

At the UW School of Pharmacy, IPPEs are approximately eight percent of the curriculum (11 credit hours) and more than 320 contact hours. The IPPEs are intended to be longitudinal and progressive in nature. First-, second-, and third-year students now participate in experiential activities in the following course sequence: P1/P4 Shadowing, Introductory Hospital Rotation (four weeks), Introductory Community Rotation (four weeks), Intermediate Pharmacy Practicum, and Rotation Orientation.

P1 Year

In the fall of the P1 year, each student is paired with a P4 student who serves as a student mentor throughout the shadowing experience. Over the course of the year, P1s will make shadowing visits to three different P4 rotation sites and spend approximately three to four hours on site observing the P4s.

During the shadowing visits, the P4 students provide a brief overview of the site and involve the P1s in their daily activities, such as going on rounds, seeing patients in a clinic, reviewing patient charts and profiles, and answering drug information questions. P1 students also complete a renal function assessment and drug information assignment during one site visit.

In addition, the didactic component of this course reviews the Health Insurance Portability and Accountability Act (HIPAA), professionalism, internship opportunities, impaired practitioner assistance, Wyoming State Board review, introductory pharmacy law, expectations for introductory community and hospital rotations, and career opportunities.
**P1/P2 Summer**

The most recent addition to the IPPE program has been initiating the rotation sequence earlier in the curriculum, and the first class of students completed their experiences in summer 2007. Students spend a total of eight weeks in an introductory community pharmacy rotation and an introductory hospital rotation.

This change was partially in response to the new accreditation standards and also because students enter the school with varying levels of pharmacy experience. Now all students will have a baseline experience in two pharmacy practice areas that will serve as a foundation as they progress through the curriculum. Students can also take the enthusiasm and excitement they have for their future profession and establish themselves as emerging health professionals early on versus waiting until their final year of school.

In addition, students are able to apply classroom knowledge and skills in an authentic practice environment, develop a baseline awareness and functionality within the community and hospital pharmacy settings, and understand basic pharmacy operations and procedures to maximize learning experiences during the fourth-year rotation sequence.

Feedback from students after the first summer rotations has been positive. The students have commented that their didactic courses become more relevant as they see what they need to know as a future practitioner. This has heightened their motivation to start their P2 classes and learn as much as they can. In addition, experiences in actual practice environments place students without prior pharmacy experience on a similar level with students who had experience before entering the program.

**P2 Year**

This experiential course focuses on providing students with continued exposure to various career paths and practice environments. Students have historically visited four different practice sites, such as hospital, retail, nursing home consulting, home infusion, veterinary pharmacy, or ambulatory care.

In addition, last year students completed medication histories at the UW Family Medicine Clinic in Cheyenne and assisted

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**ON-SITE TRAINING**

*(Top)* Anna Beardsley (class of 2010) observes Jolene Bilbee (class of 2007) take blood pressure readings during a shadowing visit.

*(Bottom)* Anne Korenke (class of 2007) answers questions about diabetes during a community rotation at Pamida Pharmacy in Rawlins, Wyoming.
with the pharmacist-run refill clinic or laboratory clinic at Laramie’s Downtown Clinic (a primary-care clinic for those without insurance). Students also completed disease-state focused patient education handouts for the Downtown Clinic.

The didactic component of this course supplements the practice visits by bringing in practitioners from community pharmacy, long-term-care pharmacy, ambulatory care, internal medicine, and hospital practice. Other course discussions highlight postgraduate opportunities, bloodborne pathogen training, Medicare/Medicaid, and careers in governmental pharmacy.

With the initiation of the summer rotations, this course is currently undergoing modification and will be dynamic in nature to complement the additional rotations.

**P3 Year**

Students take a course in the spring semester of their P3 year to prepare them for P4 rotations. Sample topics include choosing their rotations, rotation expectations, writing SOAP/progress notes, and portfolio preparation.

**ADVANCED PHARMACY PRACTICE EXPERIENCE (APPE) PROGRAM**

APPEs, also known as P4 Rotations, are experiences that may be more familiar—this type of training has almost always been a part of the pharmacy education process. These traditional rotation experiences occur during the final year of the Pharm.D. curriculum and serve as a capstone to the educational program. APPEs are a series of required and elective rotations that comprise 35 credit hours and constitute about 25 percent of the curriculum.

Each rotation is four weeks in length or a minimum of 160 contact hours. There are five required rotations and three elective rotations. The required rotations are Internal Medicine I, Internal Medicine II, Ambulatory Care, Advanced Community Pharmacy, and Advanced Institutional Pharmacy.

Future plans for the APPEs include a modest increase in total hours based in part from a recommendation made by the Accreditation Council for Pharmacy Education (ACPE).

Adjunct faculty typically teach the Advanced Community and Advanced Institutional rotations as well as most elective
rotations. The majority of these rotations occur in our geographic region (Wyoming, northern Colorado, and western Nebraska). Rotations are also located in Arizona, Montana, New Mexico, South Dakota, Texas, Utah, and as far away as South America.

Full-time faculty typically teach the Internal Medicine and Ambulatory Care rotations. Locations for the Internal Medicine and Ambulatory Care sites are as follows:

**Internal Medicine**

- North Colorado Medical Center—Greeley, Colorado
- Poudre Valley Hospital—Fort Collins, Colorado
- Regional West Medical Center—Scottsbluff, Nebraska
- Swedish Medical Center—Englewood, Colorado
- VA Medical Center—Cheyenne, Wyoming
- Wyoming Medical Center—Casper, Wyoming

**Ambulatory Care**

- Fort Collins Family Medicine Center—Fort Collins, Colorado
- Lafayette Family Medical Associates—Lafayette, Colorado
- Laramie Valley Medical—Laramie, Wyoming
- Swedish Family Medicine Center—Littleton, Colorado
- UW Family Medicine Center—Cheyenne, Wyoming
- UW Family Medicine Center/Community Health Center of Central Wyoming—Casper, Wyoming

**Reflective Weeks**

One unique aspect of the School of Pharmacy fourth-year curriculum is that students return to the Laramie campus three times throughout their final year. Reflective weeks are a time for students to reconvene and share their experiences with one another, participate in small-group discussions, present final student seminars, and attend activities such as career and residency fairs. The students also benefit from lectures pertinent to their future success as practitioners. Sample lecture topics include interviewing skills, licensing preparation, medical missions, the Strategic National Stockpile project, the Wyoming Professional Assistance Program, and drug diversion.

**Portfolios**

P4 students maintain a portfolio throughout their P4 rotation sequence, including examples of their clinical interventions, patient monitoring abilities, professional writing, and professional presentations. Each quarter the students reflect and write about an aspect of their practice, for example, communication skills and how they have grown or plan to grow over upcoming months.

The Experiential Education Program maximizes student learning by providing opportunities for students to apply classroom knowledge and skills in authentic practice environments throughout their four years in the professional program.

**SUMMARY OF THE FOUR-YEAR EXPERIENTIAL PROGRAM:**

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<th>P1 YEAR</th>
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<td>PHCY 6270 1 credit hr</td>
<td>PHCY 6370 1 credit hr</td>
<td>Internal Medicine I and II</td>
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<td>Introduction to Community Pharmacy Rotation</td>
<td>Intermediate Practicum—continued career exploration and practice opportunities</td>
<td>Rotation Orientation</td>
<td>Ambulatory Care</td>
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<td>3 Reflective Weeks</td>
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The 2007 Annual Honors and Awards Banquet was combined with the school’s 60th anniversary celebration. Guests at the April 21 banquet included donors and friends of the school in addition to students, faculty, staff, and their guests.

**ROCHE PHARMACY PRECEPTOR OF THE YEAR AWARD**

Don Vecchio, R.Ph., received the Roche Pharmacy Preceptor of the Year award for 2007. Vecchio was chosen for selflessly donating his time to teach students the practice of pharmacy. His careful attention to students on rotation, incredible knowledge base, and caring nature make him ideally suited to work in this area. Vecchio, a consultant pharmacist for the Hospice of Metro Denver and adjunct faculty for the school, offers an elective Hospice/Palliative Care rotation for P4 students.

**FACULTY PRECEPTOR OF THE YEAR AWARD**

Michelle Hilaire, Pharm.D., was selected by the students as the first Faculty Preceptor of the Year. The students noted that Hilaire is very dedicated. She has an abundance of knowledge and is willing to share it with her students. She challenges them daily by activities that promote learning and experiences that are applicable to all pharmacy settings, not just ambulatory care.

**PHI LAMBDA SIGMA TEACHER OF THE YEAR AWARD**

The Phi Lambda Sigma Teacher of the Year Award was presented to Glaucia Teixeira, Ph.D. Phi Lambda Sigma, the School of Pharmacy leadership honorary, surveys the graduating doctor of pharmacy students each year to select the best teacher they had during their four professional years. Teixeira also received this award in 2006.

**SPECIAL HONORS**

(Top) Roche Preceptor of the Year, Don Vecchio (center), is congratulated by Dean Vandel (L) and Jeffrey Bernard.

(Middle) Michelle Hilaire (center), Faculty Preceptor of the Year, pictured with presenters Kristi Kelly (L) and Lindsay Sheaffer.

(Bottom) Teacher of the Year was awarded to Glaucia Teixeira (center), shown with presenter Angela Fornstrom and Dean John Vandel.
STUDENT AWARDS

Awards were presented to the following students to recognize leadership, academic achievement, and professionalism.

APhA-ASP Mortar and Pestle Professionalism Award
Lindsay Sheaffer

American Institute of the History of Pharmacy Achievement Award
Melanie Daley

Award of Excellence in Non-Prescription Medication Studies
Kyle Kelly

Eli Lilly Achievement Award
Kristi Kelly

Facts & Comparisons Award of Excellence in Clinical Communication
Jessica McMahan

GlaxoSmithKline Patient Care Award
Lynn Hickox

McKesson Leadership Award
Jessica Jennings

Merck Outstanding Student in Pharmacy Studies: Pharmacology
Kyla Zanto

MYLAN Pharmaceuticals Inc. Excellence in Pharmacy Award
Zachary Stratton

Natural Medicines Comprehensive Database Recognition Award
Trevor Goff

Roche Pharmacy Communications Award
Benjamin Vavra

School of Pharmacy Honor Award
Alyssa Barbour

TEVA Pharmaceuticals USA Outstanding Student Award
Anne Hillman

U.S. Public Health Service Excellence in Public Health Pharmacy Practice Award
Brian Menkhaus

STUDENT ORGANIZATIONS

American Pharmacists Association-Academy of Student Pharmacists (APhA-ASP) president Jessica Jennings and adviser Carol Kobulnicky presented the APhA-ASP Senior Recognition Award to Lindsay Sheaffer. Erin Door received the UW chapter of ASP Service Achievement Award for 2006–07.

Chris Peryam, president of the American Society of Health-System Pharmacists (ASHP) presented the ASHP Member of the Year award to Kristel Recks. Chapter adviser is Linda Martin.

National Community Pharmacists Association (NCPA) president Sara Yennie and adviser John Vandel presented Krista Tafoya with the Member of the Year award. Honor cords were presented to: Tarah Parsons, Katie Pierantoni, David Walker, and John Walter.

Kristi Kelly received the Phi Delta Chi Member of the Year award from president Jessie Phillips and adviser Janelle Krueger. Cord presentations were made to the following graduating members: Julia Chisholm, Kristi Kelly, Kyle Kelly, Peter Koch, Katie Pierantoni, Lindsay Sheaffer, and Kyla Zanto.

Phi Lambda Sigma Pharmacy Leadership Honorary president Angela Fornstrom presented Kyle Kelly with the Phi Lambda Sigma Member of the Year award. Graduating members receiving cords were: Julia Chisholm, Melanie Daley, Kristi Kelly, Kyle Kelly, Maile Petersen, and Lindsay Sheaffer. Chapter adviser is Linda Martin.

Arthur Cann, president of Rho Chi Pharmacy Honorary and adviser Glaucia Teixeira presented cords to the following graduating members: Julie Azcarraga, Kimberly Bruha, Melanie Daley, Heidie Hanzlik, Lynn Hickox, Anne Hillman, Anne Korenke, Brian Menkhaus, Maria Noldner, Sommer Smouse, Joleen Stratton, and Zachary Stratton. Achievement Certificates were presented to Erambo Ayokosok, Alexis Camp, Michelle Carbaugh, David Dixon, Jamie Johnson, Aislinn McBeth, Lanae Salveson, Misty Shandera, and Shelli Woods.
SCHOLARSHIPS

Thanks to the generosity and support from the following donors, 33 scholarships totaling $27,675 were presented to School of Pharmacy students during the banquet.

Albertsons/Osco/Sav-On Drugs Scholarship
- Alyssa Barbour
- Angela Fornstrom
- Jessica Jennings

Edward A. Julian Memorial Scholarship
- Doug Evert

B. T. & M. McMann Scholarship
- Heather Struempf

John & Joyce Vandel Scholarship
- Kylee Kern

CVS Scholarship
- Erambo Ayokosok
- Kylah Bowers
- Jessica McMahan
- Sarah Morrissey
- Kristine Pippitt
- Kerri Powell
- Kierra Sheridan
- Mai Tran
- Mike Wenke

Lindsey Reinhart Memorial Scholarship
- Erin Door
- Jessie Phillips

Dean H. John Baldwin Scholarship
- Chris Peryam
- Jay Truitt

Longs Drugs Scholarship
- Erin Boss
- Sarah Greer
- Brian Oland
- Jared Overman

Dr. Kenneth R. & Nancy D. Henderson Scholarship
- Rochelle Fliethman
- Krista Tafoya

Marilyn Jeanne Baldwin Memorial Scholarship
- Jessica Latourelle

School of Pharmacy General Scholarship
- Nick Schofield

NACDS Scholarship
- Mitchell Daley
- Sara Yennie

Wal-Mart Scholarship
- April Mertens

Wyoming Pharmacy Association Centennial Scholarship
- Josh Hickox

SUPER SCHOLARS

(Top) Winner of the Earl T. and Charlotte I. Carrico Scholarship, Arthur Cann (center), is pictured with Robert Scalley (L) and Dean John Vandel (R).

(Middle top) Doug Evert (center), awarded the Edward A. Julian Memorial Scholarship, is shown with presenter Kyle Mills (L) and Dean John Vandel (R).

(Middle bottom) The Lindsey Reinhart Memorial Scholarship was presented to Jessie Phillips (center), shown with presenter Kerri Kilgore and Dean John Vandel. Recipient Erin Door is not pictured.

(Bottom) The Longs Drugs Scholarship was awarded to Erin Boss, Sarah Greer, Jared Overman, and Brian Oland. Pictured are presenter Kyle Mills, Erin Boss (center) and Dean John Vandel.
William A. Zellmer, M.P.H., deputy executive vice president of the American Society of Health-System Pharmacists (ASHP), gave the keynote address for the annual Otis L. Hoy Memorial Seminar during Pharmacy Weekend, September 7–8.

Zellmer’s presentation, “Inventing the Future of Pharmacy Practice,” was held Friday, September 7, in the Classroom Building. The presentation was open to the public and was well attended by School of Pharmacy advisory committee members, faculty, and students. Following the seminar, a reception honoring both Zellmer and the Hoy family was held on the fourth floor of the Health Sciences Center.

The seminar qualified for continuing education (CE) credit and was the first of six hours of continuing education programs focusing on the theme for this year’s Pharmacy Weekend, “Advancing Pharmacy Practice in Wyoming.” The ACPE-accredited continuing education presentations were organized under the auspices of the Tripartite Committee for Continuing Education of Pharmacists in Wyoming, a collaborative effort of the School of Pharmacy, the Wyoming Pharmacy Association, and the Wyoming Board of Pharmacy. Joan Anderson (B.S. ‘59), CE coordinator, organized the program.

Other CE programs given during the weekend were:

- “Preparing for Medication Therapy Management Services,” presented by Carol J. Kobulnicky, Ph.D., assistant professor of social and administrative pharmacy, and Linda Gore Martin, Pharm.D., M.B.A., B.C.P.S., associate professor of social and administrative pharmacy.
- “Duty to Counsel: Can We Meet Wyoming Pharmacy Act, Chapter 9 Regulations?” presented by Kem P. Krueger, Pharm.D., Ph.D., associate professor, pharmacoeconomics and health outcomes research.
- “Challenges in Cancer Chemotherapy,” presented by Kerri J. Kilgore, Pharm.D., clinical assistant professor of pharmacy practice.

Capping off the weekend was the annual pharmacy tailgate party on Saturday, September 8, before the football game between the UW Cowboys and Utah State.

We are always interested in hearing what your interests are for continuing education. Please send your suggestions for future CE topics to Joan Anderson, CE coordinator, at janderson@netcommander.com.
ALUMNA SPONSORS STUDENTS’ TRIP TO AMCP

Krista Tafoya and Kerri Powell attended the Academy of Managed Care Pharmacy (AMCP) annual meeting April 11–14 in San Diego thanks to the sponsorship of alumna Linda Wells.

APhA 155TH ANNUAL MEETING AND EXPOSITION ATTENDEES

Several UW School of Pharmacy students and faculty attended the American Pharmacists Association (APhA) Annual Meeting and Exposition held March 16–20 in Atlanta, Georgia. Students attending were Rochelle Fliethman, April Mertens, Tamara Mogck, Doreen Hietala, Angela Fornstrom, Jessica Jennings, Kyla Zanto, Chris Peryam, and Erin Door. Faculty attending were Kem and Janelle Krueger, Tonja Woods, and Jennifer Petrie.

Dean John Vandel and his wife, Joyce, also attended the meeting, where he was installed as the 2007–08 honorary president of APhA. Dean Vandel was selected for his lifetime of distinguished public service and contributions to the profession and the organization.

Kyla Zanto (class of 2007) was chosen by APhA to present a paper during the association’s Contributed Papers Poster Session on her abstract “Screening for Undiagnosed Osteoporosis and Osteopenia in Rural/Frontier Communities.”

Rochelle Fliethman served as UW’s chapter delegate for the APhA-ASP House of Delegates. Students presenting the chapter poster were Doreen Hietala, Chris Peryam, Tamara Mogck, April Mertens, and Rochelle Fliethman.

Chris Peryam, Rho Chi, and Tamara Mogck of Phi Delta Chi represented their respective UW chapters at receptions.

ASHP ANNUAL PHARMACY FROLIC

The Wyoming student chapter of the American Society of Health-Systems Pharmacists (ASHP) sponsored the Seventh Annual Pharmacy Frolic (5K run or walk) on April 14 at the Optimist Park in Laramie. Proceeds benefited Second Street Station, a homeless resource center in downtown Laramie, and the ASHP chapter.

ASHP CLINICAL SKILLS COMPETITION

Sarah Greer and Mollie Jay won the school’s ASHP Clinical Skills Competition, which is an opportunity for contestants to test their clinical skills by analyzing a patient case, writing a detailed pharmacotherapy plan, and presenting their recommendations orally to a judges panel. Sarah and Mollie won a complimentary registration to the ASHP Midyear Clinical Meeting in Las Vegas, Nevada, in December, for a chance to participate in the national competition. The School of Pharmacy also provides some funding as a reward for winning.

ASP ACTIVE IN COMMUNITY

The UW chapter of Academy of Student Pharmacists (ASP) participated in several community activities during the year. During Operation Immunization, the students distributed educational fliers to students in the Wyoming Union.

PROFESSIONAL PRESENTATION UW School of Pharmacy students pictured with the APhA-ASP chapter poster. (L to R): Doreen Hietala, Chris Peryam, Tamara Mogck, April Mertens, and Rochelle Fliethman.
The fliers contained information about the importance of immunizations. Members also assisted Student Health Services with flu-shot clinics.

As part of the Heartburn Awareness Challenge, educational brochures were handed out in the Wyoming Union, and presentations were given at several senior centers.

ASP members screened approximately 50 community members at the Laramie Community Recreation Center during Operation Diabetes.

Members of ASP gave a presentation about the pharmacy profession to local high school students. Erin Door won the local Patient Counseling Competition. An outreach visit by Daniel Zlott, national APhA-ASP president, was another highlight of the year.

The student chapter of the National Community Pharmacists Association (NCPA) participated in several community events during the year. The chapter sponsored a brown-bag event at Laramie Senior Housing, where the students reviewed medications for the residents. The students looked for drug interactions, duplicate or possible unneeded therapy, and side effects. They also provided tips for the residents to remember when to take their medications and reviewed the reasons for taking the medications.

The chapter created informational bulletin boards at five local pharmacies and posted information each month about available treatments on different conditions that could be treated with over-the-counter medications. The bulletin boards inspired people to ask their pharmacist more about over-the-counter products.

Jackie Lopez, Pharm.D., associate director of student affairs for NCPA, visited the chapter on September 18 and spoke about the benefits of being a member of NCPA and the impact of independent pharmacies in the marketplace. In addition to promoting student membership, she gave the local chapter new ideas for community projects and fundraising. Membership has also increased from the support the NCPA chapter gives to pre-pharmacy students taking the PCAT exam. Every year the students distribute snack bags to the pre-pharmacy students during a break in the exam.

HELPING HANDS: National Community Pharmacists Association (NCPA) members Katie (Hook) Baker and Lanae Salveson discuss medication questions during a brown-bag workshop at the Laramie Senior Center.

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Congratulations to the University of Wyoming School of Pharmacy

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NCPA members attend the national convention every year. In 2006 eight students—Kelly Dunn, Shelley House, Sara Yennie, Amanda Hardy, Shanna Geslin, John Darnell, and Katie (Hook) Baker—attended the convention in Las Vegas, Nevada. This year, Katie (Hook) Baker, Krista Tafoya, Rachel Bosecker, and Shelley House will attend the national convention in Anaheim, California. The chapter participates in an annual business plan competition and develops a business plan for a start-up pharmacy to present to judges at the national convention.

Assistance for chapter trips has been provided in part by the School of Pharmacy, College of Health Sciences, ASUW, and the Wyoming Pharmacists Association.

PHI DELTA CHI CHAPTER RECEIVES ACHIEVEMENT AWARD

The University of Wyoming School of Pharmacy’s Phi Delta Chi Alpha Mu Chapter received a national achievement award at the 66th Grand Council of Phi Delta Chi held July 31–August 4 in West Palm Beach, Florida. The chapter received the award for participation in the Dale W. Doerr Achievement Awards Program. The program is designed to foster brotherhood and service by having each chapter complete monthly projects throughout the year. Due to participation in the program through various activities, Alpha Mu sponsored during the 2006–07 academic year, and the chapter received a trophy, which will be displayed in the UW School of Pharmacy.

This was the first time in eight years that Alpha Mu has been represented at Grand Council. Members of the Alpha Mu Chapter attending the conference were Shanna O’Connor, president; Kylee Kern, vice-president; Kara Riskowski, financial officer; and Raven Callas, correspondent. Alpha Mu was proud to represent Wyoming to a national audience at such a significant event as Grand Council and will continue to work hard to bring honors to the School of Pharmacy.

Phi Delta Chi, America’s first professional fraternity in pharmacy, has worked to advance the profession of pharmacy and its allied interests since 1883, and is a national community of pharmacy that prides itself on the values of brotherhood, service, and integrity. With chapters across the nation, Phi Delta Chi provides a network for its members to communicate and help each other on many different levels.

Grand Council is held every two years and focuses on building chapter character, addressing the needs of the community, and various fundraising opportunities. The 2007 Grand Council saw members from every chapter in attendance, with members from all across the country meeting each other and participating in activities including leadership training, team building, and fraternal education.
VANDEl RECEIVES
ACA DEAn oF tHE YEAR AwARD
Dean John Vandel was selected to receive the American College of Apothecaries (ACA) Dean of the Year Award for 2007. The award honors deans of colleges or schools of pharmacy for outstanding service to community pharmacy practice. Nominations are made by ACA fellows and other community pharmacy practitioners. The award consists of a beautiful medallion and a $1,000 donation to the School of Pharmacy to be used to assist students or faculty in strengthening community pharmacy practice. Dean Vandel was recognized and honored at the ACA President’s Banquet in Scottsdale, Arizona, on September 29.

MARTIN APPoINTED ASSoCIAtE DEAn
Linda Gore Martin, Pharm.D., M.B.A., B.C.P.S., is an associate professor of social and administrative pharmacy. She has been named associate dean for the School of Pharmacy. In addition to teaching, her duties as associate dean for 2007–08 are to accumulate and compile documentation that the school meets or exceeds the Accreditation Council for Pharmacy Education (ACPE) standards; integrate ACPE standards and the UW Academic Plan; and begin to conduct an activities-based cost analysis for a model to predict costs of educating pharmacy students.

KRUEGER AppoINTED DIRECtoR oF EXPERIEntIAl pRogRAM
Janelle L. Krueger, M.S., R.Ph., has been appointed director of the Experiential Education Program, which consists of the Introductory and Advanced Pharmacy Practice Experiences, approximately one-third of the curriculum. She will focus on enhancing standardization and consistency of student learning experiences across the experiential program, developing mechanisms for experiential program assessment, strengthening preceptor development initiatives, and continuing the design and implementation of novel introductory practice experiences.

ONTKO RECEIVES EllBOGEN MERITORIOUS CLASsROOM TEACHING AwARD
Allyn Ontko, Ph.D., assistant professor of medicinal chemistry, has received a John P. Ellbogen Meritorious Classroom Teaching Award, which recognizes excellence in classroom teaching at the University of Wyoming. Ontko received his B.S. (1990) in chemistry from the University of Minnesota, an M.S. (1993) in inorganic chemistry from UW, and a Ph.D. (1997) in inorganic chemistry from Iowa State University. He has taught classes in problems in pharmacy, medicinal and natural products chemistry, clinical toxicology, and pharmacology.

COLLEGE oF HEAltH SCIEnCES RECoGNItIoN AwARDS
College recognition awards for 2007 were presented to the following during commencement ceremonies on May 5:

- Kem Krueger, Pharm.D., Ph.D., Interprofessional/Interdisciplinary Award
- Allyn Ontko, Ph.D., Outstanding Teacher
- Shiyan Li, Ph.D., C-CRAM, New Investigator
- Chloe Jones, Outstanding Staff

HORNECKER AND STUMP RECEIVE WPhA AWARDS
Two School of Pharmacy faculty were presented with awards at the Wyoming Pharmacist Association (WPhA) meeting in June in Casper. Jaime Hornecker, Pharm.D., B.C.P.S., clinical assistant professor of pharmacy practice at the UW Family Medicine Residency Program in Casper, received the “Young Pharmacist of the Year” award. Amy Stump, Pharm.D., B.C.P.S., clinical assistant professor of pharmacy practice at the UW Family Medicine Residency Program in Cheyenne, received the “Innovative Pharmacist of the Year” award.
NEW FACULTY AND STAFF APPOINTMENTS

Suzanne Clark, Ph.D., was appointed assistant professor of pharmacology. Clark was a visiting professor the previous two years and was the interim replacement for Hal Bruyere, Ph.D., following his retirement in 2005 after 18 years of teaching. Clark graduated from the UW School of Pharmacy in 1981. She then worked at Poudre Valley Hospital and Conrad Pharmacy in Fort Collins, Colorado, before attending graduate school at Duke University, where she earned a Ph.D. in pharmacology. Clark’s area of teaching is pathophysiology, and she is a contributing instructor for epilepsy lectures in therapeutics. Her research focus is in vitro models of epilepsy, cognitive enhancers, and toxicity of Alzheimer’s drugs.

Mary K. Emashowski, Pharm.D., was appointed clinical assistant professor of pharmacy practice in ambulatory care at the Swedish Family Medicine Residency Program in Littleton, Colorado. Her areas of teaching involve team-teaching of therapeutics, clinical pharmacokinetics, pharmacy practice, and physical assessment. Emashowski was previously a primary-care specialty resident with Providence Physician Division in Portland, Oregon, at the Providence Medical Group. Her academic interests include cardiology, diabetes, medication safety, and health-care policy.

Jodi Frankford is the office associate for the Professional Experience Program. She also assists Joan Anderson, CE coordinator, with administrative tasks. Frankford began working for the school this summer. Although previously unfamiliar with the field of pharmacy, she has a history of academic engagement in various disciplines. During her time at UW, she has worked as an undergraduate research assistant in astronomy, written a thesis on race logic within discourse in the English Honors Program, and published a work of nonfiction in the McNair Scholars Program. She is currently taking graduate classes in ethnomusicology and natural resources and enjoys working with the students at the School of Pharmacy.

Melissa Hunter, Pharm.D., R.Ph., was appointed director of the Drug Information Center (DIC). Hunter is a 2004 graduate of the School of Pharmacy and has directed the DIC since October 2005. Her research interests are nurse/pharmacist collaboration. The DIC provides its services to the people of Wyoming as well as UW School of Pharmacy alumni. Services include, but are not limited to, tablet identification, drug interaction analysis, adverse drug event evaluation, drug dose suggestions, and drug therapy alternatives. While any citizen in Wyoming can utilize the service, most of the requests come from pharmacists, followed by chemists, nurses, and physicians. More than 1,200 questions have been answered this past year. The DIC also served as a rotation site for five students in 2006 and will have seven Drug Information Elective rotations this year. Hunter’s goal is to continue to educate students on the tools available to research drug-related questions, and she will continue to evaluate the text and electronic sources available.

Ji Li, Ph.D., was appointed clinical assistant professor of pharmaceutical science. Li’s disciplines include biochemical physiology and pharmacology. His research focus involves cardiovascular stress signaling pathways and biology of aging, and he is developing research projects with potential clinical applicability in aging-related diseases. He is interested in the altered adaptations to cellular stress that occur with aging. Before coming to UW, Li was an associate research scientist at the Yale University School of Medicine, Department of Internal Medicine, Section of Cardiovascular Medicine. He received his Ph.D. in cell biology in 1998 from Lanzhou University, Gansu Province, People’s Republic of China.
of China. Li has numerous abstracts published, and has received many honors and awards. His areas of teaching are pharmacology, pathophysiology, toxicology, and advanced cardiovascular pharmacology.

JoAnn Rule began working for the school in March 2007 and is the administrative assistant in the dean’s office. She provides assistance to faculty, staff, and students; handles the front desk very efficiently; and keeps things running smoothly at the school. Rule is also the receptionist for the school. If you come to visit, please stop and see her in room 292 and she will be glad to assist you with any questions or concerns. Before coming to the school, Rule worked at the UW Student Health Service as the front office manager.

WYOMING GERIATRIC EDUCATION CENTER

The College of Health Sciences received an award notice in September 2007 from the Health Resources and Services Administration (HRSA) approving $200,000 per year for three years for the Wyoming Geriatric Education Center. Beverly Sullivan, Pharm.D., professor of pharmacy practice, will be the pharmacy coordinator for the grant. Sullivan will represent pharmacy faculty on the project, assist the project in developing pharmacy content into the curricula and teaching practices, and provide clinical training of interdisciplinary teams. HRSA, an agency of the U.S. Department of Health and Human Services, is the primary federal agency for improving access to health-care services for people who are uninsured, isolated, or medically vulnerable.

FACULTY PRESENT AT STATE STAKEHOLDERS MEETING

Carol Kobulnicky, Ph.D., Janelle Krueger, M.S., R.Ph., and Kem Krueger, Pharm.D., Ph.D., were invited by the Wyoming Board of Pharmacy to provide an overview of the education of a pharmacist to help kick off the statewide “Role of the Pharmacist in Wyoming” stakeholders meeting on September 12. Meeting attendees included representatives from a majority of the health professions as well as health-care-system administrators, corporate and insurance representatives, and 11 faculty members from the School of Pharmacy. Many ideas were generated from the meeting, including ways for the Wyoming professional societies and boards to promote collaboration to meet the health-care needs of the state.

KRUEGER AND COLLEAGUES RECEIVE GRANT

A proposal submitted by Janelle Krueger, M.S., R.Ph., clinical assistant professor of pharmacy practice; Kelly Hubbell, M.S., L.P.C., associate lecturer with the WWAMI Medical Education program; and Jessica Latourelle, UW School of Pharmacy Pharm.D. student (class of 2009) were accepted by the 2007 National Carnegie Academy for the Scholarship of Teaching and Learning (CASTL) Institute. Acceptance by the CASTL Institute is a prestigious accomplishment—only 28 proposals were accepted nationwide. The grant opportunity was through an incentive grants program of the UW’s Ellbogen Center for Teaching and Learning (ECTL) as a way to encourage faculty participation in the scholarship of teaching and learning.

SCHOOL OF PHARMACY WELCOMES NEW ‘FAMILY’ MEMBERS

Carol J. Kobulnicky, Ph.D., assistant professor of social and administrative pharmacy and her husband, Henry (Chip), assistant professor of physics and astronomy, announced the birth of daughter, Anna Morgan, on February 2. She weighed in at 7 pounds, 11 ounces, and has a brother, Henry, who is now 3.

Jaime R. Hornecker, Pharm.D., clinical assistant professor of pharmacy practice, and her husband, Heath, welcomed daughter Emerson Faye on July 2. She weighed 8 pounds, 1/2 ounce, and was 20-1/2 inches long. Emerson Faye has a brother, Nolan, who is 3.

VANDELS HOST EVENTS

Dean John Vandel and his wife, Joyce, once again graciously hosted several pharmacy events at their home this year for faculty, researchers, staff, and students. Among the events were the annual holiday party, receptions, and student organization dinners.
C-CRAM CELEBRATES
THREE YEARS OF RESEARCH EXCELLENCE

The Center for Cardiovascular Research and Alternative Medicine (C-CRAM) was founded in April 2004 and is celebrating three years of excellence in cardiovascular research this year.

C-CRAM had an impressive accomplishment for fiscal year 2006: its members published 46 journal articles and presented eight invited speeches in national and international conferences. *Vascular Biology Protocols*, a 420-page book edited by Sreejayan, Ph.D., and Jun Ren, M.D., Ph.D., was published by Humana Press as a part of the “Methods in Molecular Medicine” series. Sreejayan and Ren received two patents and more than $350,000 in research funding during fiscal year 2006. Xiaoping Yang, Ph.D., received the 2006 C-CRAM research award. In addition, investigators from C-CRAM served on review panels for the National Institutes of Health, American Diabetes Association, American Heart Association, and a number of National Science Foundations from other countries.

To celebrate its three years of research excellence, C-CRAM hosted the first Cardiovascular Medicine and Environmental Health Symposium on November 2. This symposium offered a unique opportunity to gather colleagues from UW in an exciting educational and professional environment. Many distinguished guests and speakers participated in the symposium. A total of 16 presentations were given. Participants enjoyed hearing about other research projects going on at other schools and at UW. Speakers included Professor Feng Gao from the Forth Military Medical University in Xi’an China, home of the Terracotta Warriors, Assistant Professor Loren Wold (Jun Ren’s former Ph.D. student) from Ohio State University, and UW faculty members from the School of Pharmacy, Division of Kinesiology, and the departments of chemical and petroleum engineering, botany, animal science, zoology and physiology, molecular biology, and family and consumer sciences.

The symposium was sponsored by the IDEA Network of Biomedical Research Excellence (INBRE), which works to provide research opportunities for undergraduates and mentoring opportunities for faculty. C-CRAM plans to host these kinds of events annually.

REN RECEIVES DISTINGUISHED YOUNG SCIENTIST AWARD

Jun Ren, M.D., Ph.D., professor of pharmacology and physiology, was awarded the Distinguished Young Scientist Award from China with a research monetary award from the
INTERNATIONAL SPEAKER
Jun Ren is pictured in Macau, China, during his trip to the 1st Annual IEEE-International Conference on Nano/Molecular Medicine and Engineering in August.

WINNING ABSTRACT
Catherine Qun Li, Ph.D., research scientist, from the Center for Cardiovascular Research and Alternative Medicine (C-CRAM), conducts research on cardiac aging.

Natural Science Foundation of China to study diabetes and heart disease. The award is presented through the Chinese government to distinguished overseas or international young scholars. The purpose of the award is to stimulate collaboration and cooperation between China and scientists who originate from China and covers all global disciplines. Thirty-five recipients are selected worldwide based on scientific merit, followed by an oral defense on both scientific and social issues. Dr. Ren’s award is the first ever granted to a Wyoming researcher.

PRESENTATIONS AT THE AMERICAN HEART ASSOCIATION SCIENTIFIC SESSION 2007
Abstracts by Jun Ren, M.D., Ph.D., professor of pharmacology and physiology, and Catherine Qun Li, Ph.D., research scientist, from the Center for Cardiovascular Research and Alternative Medicine (C-CRAM) were accepted by the American Heart Association (AHA) for presentation at AHA’s highly competitive national meeting held in Orlando, Florida, in November.

- “Insulin-Like Growth Factor I Deficiency Prolongs Survival and Antagonizes Paraquat-Induced Cardiomyocyte Dysfunction: Reactive Oxygen Species and Aging Gene in Heart” (Q. Li, X. Yang, N. Sreejayan, J. Ren)
- “Endoplasmic Reticulum Stress Impairs Murine Cardiomyocyte Contractile Function via an Akt-Dependent Mechanism” (J. Ren)

DONG RECEIVES OUTSTANDING DISSERTATION AWARD
Feng Dong, M.D., Ph.D., received the Outstanding Doctoral Dissertation Award for 2006 from the UW Graduate School. The title of his dissertation was “Role of Leptin in Obesity-Associated Cardiac Dysfunction,” directed by Jun Ren. Dong defended his dissertation in December 2006.

Dong’s abstract states, “The level of the obese gene product leptin is often positively correlated with body weight, supporting the notion that hyperleptinemia contributes to obesity associated cardiac dysfunction. However, a link between leptin levels and cardiac function has not been
RESEARCH AWARD  Feng Dong, M.D., Ph.D., received the Outstanding Doctoral Dissertation Award for 2006 from the UW Graduate School.

eulcitated. This study was designed to examine the role of leptin deficiency (resulting from a point mutation of the leptin gene) in cardiomyocyte contractile function.”

DOLENCE AND CO-RESEARCHERS GRANTED U.S. PATENT  Kurt Dolence, Ph.D., associate professor of medicinal and organic chemistry was granted a U.S. patent, which he shares with co-researchers Richard T. Mayer, Ph.D., and Gabriele E. Mayer, Ph.D. Their invention relates to the field of pharmacology and, in particular, drug metabolism. More specifically, the invention provides fluorescent substrates useful for measuring N-dealkylase activity directly in real time.

Dolence was also recently notified that he had received an extension of the funding for his project “ARS Development of West Nile Diagnostic and Vector Control Chemicals” from the U.S. Department of Agriculture.

KRUEGER AND MARTIN PUBLISH BOOK CHAPTER  Kem Krueger, Pharm.D., Ph.D., associate professor of pharmacoeconomics and health outcomes research, and Linda Gore Martin, Pharm.D., M.B.A., B.C.P.S., associate professor of social and administrative pharmacy, conducted a project titled “Wyoming Healthcare Commission Clinical Trials Study,” and their chapter titled “Critical Appraisal of Evidence Derived from Pharmacoeconomics Studies” was included in the new book Contemporary Information: An Evidence-based Approach. Krueger and Martin were the only outside contributors to the text.

YAMREUDEEWONG RECERTIFIED AS CACP  Weeranuj Yamreudeewong, Pharm.D., B.C.P.S., C.A.C.P., received recertification as a “Certified Anticoagulation Care Provider” from December 2006 to December 2011.

PAPER ACCEPTED FOR PUBLICATION  Weeranuj Yamreudeewong, Pharm.D., B.C.P.S., C.A.C.P., received word that a paper from a research project conducted with M. Glaucia Teixeira, Ph.D., and Gabriele Mayer, Ph.D., “Stability of Levalbuterol in a Mixture of Levalbuterol and Ipratropium Nebulizer Solution,” was accepted for publication in the Hospital Pharmacy Journal.

METHAMPHETAMINE RESEARCH PRODUCES MANUSCRIPT  A UW School of Pharmacy research team led by Bruce Culver, Ph.D., professor of pharmacology and director of the pharmaceutical sciences division, has been studying the neurodegenerative effects of methamphetamine the past few years. This study shows that one of the contaminants of illicit synthesis of methamphetamine actually worsens some of the neurotoxic effects of the drug.

The methamphetamine research has evolved to include a manuscript accepted for publication by the journal of Neuroscience: “Selective inhibition of cyclooxygenase-2 exacerbates methamphetamine-induced dopamine depletion in the striatum in rats” (Xiaochun Zhang, Feng Dong, G.E. Mayer, D.C. Bruch, Jun Ren, and B. Culver).
Two poster presentations were given at the 37th annual meeting of the Society for Neuroscience meetings November 3–7 in San Diego, California.


► “Prenatal and early postnatal dietary sodium manipulation sensitizes adult offspring to amphetamines” (S.M. McBride, B. Culver, and F.W. Flynn).

APhA PODIUM PRESENTATION
Angela Fornstrom (class of 2008), Garrett Poulos (class of 2010), Roxanne Homar (B.S.P. ’95) and Kem Krueger, Pharm.D., Ph.D., conducted a study that looked at the risk of Wyoming communities losing pharmacy services over the next five years. The study also looked at students’ willingness to practice in rural communities.

Kem Krueger and Angela Fornstrom presented part of the study results during a podium presentation titled “Assessment of Factors Leading to Loss of Pharmacy Services in Rural Wyoming Communities” at the American Pharmacists Association (APhA) Annual Meeting and Exposition held March 16–20 in Atlanta, Georgia.

Fornstrom, Poulos, and Krueger presented the rest of the results on behalf of the research team during a podium presentation titled “Future of Pharmacy in Wyoming: Will Students Fill the Void?” at the Wyoming Pharmacy Association Annual Meeting in Casper on June 9.

FACULTY PRESENT POSTERS AT APhA ANNUAL MEETING IN ATLANTA
Three UW School of Pharmacy posters were presented during the American Pharmacists Association (APhA) Annual Meeting and Exposition held March 16–20 in Atlanta, Georgia.

► “Identifying Medication Information Desired by Community-Based Patients” (Janelle L. Krueger, M.S., clinical assistant professor of pharmacy practice, and Carol J.H. Kobulnicky, Ph.D., assistant professor of social and administrative pharmacy).

► “Implementation of Appointment-Based Lab Services in a Free Clinic” (Jennifer L. Petrie, Pharm.D., clinical assistant professor of pharmacy practice; Mary E. Burman, Ph.D., R.N., F.N.P., B.C., professor, UW College of Health Sciences School of Nursing; and Letha K. Buller, R.N., Laramie Downtown Clinic).


REN PRESENTS AT INTERNATIONAL MEETINGS
Jun Ren, M.D., Ph.D., delivered keynote presentations on diabetic cardiomyopathy during the 43rd European Association for the Study of Diabetes (EASD) in Amsterdam in September and at the EASD-ESC China Session in October. Ren was also an invited symposium speaker at the 1st Annual IEEE-International Conference on Nano/ Molecular Medicine and Engineering in Macau, China, in August. He spoke on the topic “Insulin Signaling and Cardiac Function Under Diabetes and Obesity.”

CHINESE AMBASSADOR VISITS LARAMIE
Wenzhong Zhou, Chinese ambassador to the United States, and his delegates visited UW August 30–31. Many C-CRAM researchers attended Zhou’s public speech and forum with the Chinese students and scholars. This was the first time a Chinese ambassador visited the state of Wyoming.
LEGAL SOCIETY MEMBERS
Christian and Barbara Gunther
David Shaul
Linda Wells

ENDOWMENTS AND MEMORIALS
Dr. Theodore and Dorothy King Endowment
John and Joyce Vandel Family Endowment Scholarship
Oris I. Hoy Memorial Fund
Lindsey Reinhart Memorial
Ron Winger Memorial

PINNACLE SOCIETY*
ANNUAL GIFTS OF $10,000 OR MORE
CVS Charitable Trust Inc.
Walgreen Company

MORTAR AND PESTLE SOCIETY*
ANNUAL GIFTS OF $5,000–$9,999
Albertson’s Inc.
RxPlus Pharmacies
Stanley Reinhart Family Foundation
Ronald Yoxey, Broadway Pharmacy

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