The 2004 School of Pharmacy graduates all passed the national exam on the first take, and the school averaged above the national average of all the other schools. In May 2005, forty-seven (47) new graduates from the UW School of Pharmacy stepped forward, ready to join the profession. They will use their education and skills to assist their patients to better understand their medications and to be more compliant in the use of these medications. They will be problem solvers who know how to collaborate with other healthcare professionals to control costs and maximize safety and drug effectiveness. They are ready to practice Medication Therapy Management.

Graduation brings to close another exciting and productive year for the School of Pharmacy. This past year began in late August with a faculty retreat to set our goals for the year, new student orientation, and the “White Coat Ceremony” welcoming the new students into the profession.

The school was successful in attracting very qualified new faculty this year. Last fall we were joined by Dr. Jennifer Petrie and Dr. Michelle Hilaire in the Pharmacy Practice division. This fall we will be seeing Dr. Kyle Mills, Dr. Jamie Bobinmyer-Hornecker and Janelle Krueger, M.S. in Pharmacy Practice, Dr. Suzanne Clark in Pharmaceutical Science, and Dr. Kem Krueger in Social and Administrative Science. This past year Dr. Chad Panning left to pursue other interests, and this year, Dr. Michael DeBisschop will be leaving to move to Chicago and Dr. Harold (Hal) Bruyere will be retiring.

In September, we conducted our first UW School of Pharmacy “Pharmacy Weekend”. This event combined the Dean’s Advisory Council meeting, School of Pharmacy Advisory Committee meeting, the inaugural Otis L. Hoy Seminar lecture presented by Elizabeth Hoy, continuing education sessions, tail gate party (largest attendance ever), winning football game (UW beat Ole Miss) and the WPhA/WSHP Executive meeting. This “Pharmacy Weekend” was very well attended.

The School of Pharmacy appreciated the Wyoming Pharmacist Association again sponsoring the graduation banquet. Tim Seally did a fine job of preparing the dinner. The students enjoyed the student Christmas party sponsored by RX Plus Pharmacies. This is the second year that RX Plus Pharmacies has sponsored this event, and Mark Kinney, CEO for Rx Plus Pharmacies, was in attendance. A Christmas party for the faculty, retirees and their spouses was held at the UW Alumni House.

Due to the outstanding support of many of our alumni this year we were able to send faculty and students to many of the national pharmacy meetings. We conducted alumni receptions at the ASHP and APhA annual meetings and became re-acquainted with many of our alumni. In addition, several of our faculty were able to attend national meetings and present papers. The students attending the NCPA annual meeting were so excited about what they saw, that this year the NCPA student chapter has entered the “Business Plan” competition. They should learn how they did in July. The APhA Students of Pharmacy (ASP) chapter was successful in the “Heartburn Counseling” competition at the APhA annual meeting and won their regional competition. In addition, they received an award of $100 from APhA for the large increase this year in their membership.

This year in support of the College of Health Sciences dedication of the new CHS building we will be splitting the pharmacy events into two weekends. On September 9-10 we will have the Continuing Education on Friday night and Saturday morning, followed by the Tailgate party, reunions, and the football game. Then the Dean’s Advisory Counsel, School of Pharmacy Advisory Committee and the Hoy Seminar will be held on Friday, October 21, followed by the dedication and open house of the new College of Health Sciences building.

Research within the School of Pharmacy continues to grow and to excel. This year saw the faculty working in the Center for Research in Pharmacology and Toxicology and the newly formed Center of Excellence for Opioid Pain Management.

continued on page 2
Update on PharmD Admissions
Maria Bennett, Credentials Analyst / Academic Advisor

The University of Wyoming School of Pharmacy continues to enhance its academic tradition with several changes to the admissions process. By raising its nationwide profile, and by strengthening the applicant pool, these changes are in line with the school’s mission in finding the best candidates for the program.

As a participating member in PharmCAS, the School of Pharmacy is now part of the centralized application process sponsored by the American Association of Colleges of Pharmacy. This process benefits all interested students as they can apply to multiple programs with only one application. The PharmCAS process verifies the applications, including transcripts, a time-saving benefit that allows our admissions staff to focus their energies on other aspects of applicant review. In addition, PharmCAS has raised the program’s profile around the country. From what was once mostly regional interest, the school now receives applications from throughout the United States. In the year before participating in PharmCAS, our program received 196 applications. With PharmCAS, our applications grew to 397 in the first year and this year we received over 400! The school expects applications to continue to increase with this new admissions tool and, as such, has increased its class size from 48 to 52 students.

Another change to admissions is the applicant interview. Implemented this year, this interview offers the student affairs committee the opportunity to meet applicants and develop first-hand impressions of exactly who is applying to the program. The admissions committee and faculty volunteers interviewed 122 applicants for the 52 available seats in the fall 2005 class. The applicants participated in the day long process which included meeting with faculty and current professional students, touring UW’s campus and participating in competency exams. Feedback from applicants and faculty alike was positive, and the information gained from the interviews has proven to be extremely valuable.

As a result of these various changes to the admissions process the school has not only seen an increase of students, but has also realized an increase in the overall competitive nature of the program. Today, students entering the School of Pharmacy have, on the average, higher GPAs and PCAT scores than past first-year classes. This year’s successful applicants brought not only academic excellence to the school, but also a varied background of volunteer work and prior pharmacy experience. It is this very mix of high academic standards and extracurricular activities that ensures the integrity of our program.

While the school has benefited tremendously from these recent changes to our admissions process we would still be unable to continue to attract quality students without help from our Alumni. By sending the best and the brightest our way, you continue to be our most treasured recruiting resource.

From the Desk of Dean Vandel

Cardiovascular Research and Alternative Medicine (CRAM) being successful in obtaining new grants and renewing grants. In addition, the Pharmacy Practice faculty and the Social and Administrative Science faculty were successful in their grant requests. Research grants in the School of Pharmacy now total over $2,000,000. We have outgrown our facilities for research animals and with support from Robert O. Kelley, Dean of the College of Health Sciences, and the university, a bid for remodeling and moving of the facility within the school has been accepted. Construction will begin this summer. This move will also create more office and research laboratory space.

Maria Bennett will cover admissions to the school on page 2 in this publication, but I want to inform you that admission requests this spring were up again. We received 407 applications for admission, and the committee worked long and hard, including interviewing 122 very qualified applicants until they finally selected 52 students for the 2005-06 entering P1 class. Many of you sent letters and made phone calls to the school in support of a particular student, and the school thanks you for your support of the school and the students. This year was extremely competitive resulting in some applicants not being accepted who would have been good students and fine pharmacists. Hopefully, if we receive increased financial resources in the future we can increase our class size and accept more of these fine students.

Finally, I want to express my gratitude to all of you who have supported the school financially by sending us terrific students, serving on our Advisory committees, and teaching in our classes. I also thank the faculty and staff for their unwavering support and efforts in the school’s behalf. It is all of you working together that enables the UW School of Pharmacy to be the quality school it is and one of the best values in pharmacy education for students.

Thank you.
Hal Bruyere Retires

Hal Bruyere, PhD, Professor of Pharmaceutical Sciences retires this summer after 18 years of service to the School of Pharmacy. Hal especially enjoyed the students and the teaching component of his job, and received the 2004 College of Health Sciences Outstanding Teacher Award. He and his wife Kathy are moving to South Sioux City, Nebraska. Hal will not be a full-time retiree. He expects to do some part-time teaching at the community colleges in Sioux City, serve as a medico-legal consultant with several law firms, and continue working on a pathophysiology case studies textbook. Hal and Kathy also hope to get in more travel time. The faculty and staff at the School of Pharmacy thank Hal for his outstanding service to the School of Pharmacy and the University of Wyoming, and wish him happiness in all his future pursuits.

School of Pharmacy Faculty Promotions

Bruce Culver
Professor of Pharmacology

E. Kurt Dolence
Associate Professor of Medicinal Chemistry

Jun Ren
Professor of Pharmacology & Physiology

Beverly Sullivan
Associate Dean, School of Pharmacy

Faculty Members Receive Grant Funding

Linda Gore Martin, Assistant Professor of Social and Administrative Pharmacy, has received $58,094 from the State of Wyoming Department of Health Aging Division (as part of a National Institutes of Health funding initiative for improved medication use in the elderly) to fund “Improving Diabetes Therapy Self-management in Seniors.” The goal of the project is personal control of diabetes and will involve interactive diabetes workshops and follow-ups at eight regional sites in Wyoming. Participants will be diabetics aged 60 or over, caregivers of diabetics aged 60 or over, and some non-healthcare professionals working with this age group. The project will emphasize medications, including monitoring and evaluation.

Sreejayan, Assistant Professor of Pharmacology, has been awarded $410,000 over a three-year period from the American Diabetes Association to study “Chromium Amino Acid Complexes as Potentiators of Insulin Activity.” Also, in July 2005, he began studying “Insulin Resistance and Muscle Wasting in Spaceflight: The Role of Insulin and Insulin-like Growth Factor 1 Signaling” funded by the Wyoming NASA Space Grant Consortium for $10,000.

Qun Catherine Li, Temporary Research Scientist in the School of Pharmacy, received a $5000 College of Health Sciences grant to study “The Function of Regenerative Cardiomyocytes Derived from GBF-bone Marrow Cells in Infarcted Myocardium.”

Congratulations to Barbara Novak, PharmD, class of 2001, and Leslie Nies, PharmD, class of 2002, on passing the BPS board examination. They are now Board Certified Pharmacotherapy Specialists.
Tracy Baher, PharmD, Assistant Professor of Pharmacy Practice. Practice site: Swedish Family Medicine Residency Center, Littleton, CO; Teaching responsibilities: Therapeutics didactic lectures on primary care topics, Clinical Pharmacotherapy and patient care teaching on site during required Ambulatory Care rotations for Doctor of Pharmacy students and Family Medicine residents; Academic / research interests: Smoking cessation, management of obesity in diabetes, and quality of life improvement.

Jeffrey Bernard, RPh, Assistant Lecturer, Professional Experience Coordinator. Teaching responsibilities: Introductory Pharmacy Practicum, Intermediate Pharmacy Practicum, Advanced Pharmacy Practicum, and Rotations in Pharmacy Practice.

Bruce Culver, PhD, Professor of Pharmacology; Director, Division of Pharmaceutical Sciences. Teaching responsibilities: Pharmacology; Research interests: Brain mechanisms involved in cardiovascular regulation and nociception.

E. Kurt Dolence, PhD, Associate Professor of Medicinal Chemistry. Teaching responsibilities: Medicinal and Natural Products Chemistry, Clinical toxicology; Research interests: Syntheses of natural products, solid and liquid phase peptide syntheses, syntheses of macromolecules including fluorescent and radiolabeling for biochemical applications, design and syntheses of organophosphonate enzyme inhibitors; Total grants funded to date: $305,000.

Feng Dong, MD, Temporary Research Scientist. Research interests: Diabetes and obesity associated heart diseases.

Christie Graham, PharmD, Clinical Assistant Professor in Pharmacy Practice. Practice site: Wyoming Medical Center (WMC), Casper, WY; Teaching responsibilities: Practice didactic courses (therapeutics, pharmacokinetics) and precept fourth-year pharmacy students in the areas of Internal Medicine and Infectious Diseases; Specialty: Infectious diseases.

Kendra Grande, RPh, Assistant Research Scientist, Drug Information Coordinator. Teaching responsibilities: Drug Information rotations, Pharmacy Practice course, Pharmacy Practice Laboratory, and Therapeutics courses.

Michelle Hilaire, PharmD, Clinical Assistant Professor of Pharmacy Practice. Practice site: Ft. Collins Family Medicine Residency Program, Ft. Collins, CO; Teaching responsibilities: therapeutics (depression, sleep disorders, and pain) and Pharmacy Practice (tobacco cessation and burns/sunburns); Clinical / research interests: Diabetes, women’s health, anticoagulation, tobacco cessation, and cardiovascular risk reduction.

M. Delwar Hussain, PhD, Associate Professor of Pharmaceutics. Teaching responsibilities: Pharmaceutics.

Kerri Kilgore, PharmD, Clinical Assistant Professor. Practice Site: Regional West Medical Center, Scottsbluff, NE.

Carol Kobulnicky, PhD, Assistant Professor in Social and Administrative Pharmacy. Teaching responsibilities: Patient/Professional Interactions, Pharmacy Administration and the Drug Use Process Seminar; Research interests / grants: Cancer patient self-monitoring behaviors (funded by the American Association of Colleges of Pharmacy $10,000) and is collaborating with University of Wisconsin-Madison researchers to evaluate the Wisconsin Medicaid Pharmaceutical Care Project (funded by the Community Pharmacy Foundation $39,000).
Qun Catherine Li, PhD, Temporary Research Scientist. Research interests: Signal pathway of heart diseases and stem cell differentiation.


Linda Martin, PharmD, MBA, Assistant Professor of Social and Administrative Pharmacy. Teaching responsibilities: Drug Literature Evaluation, Pharmacoeconomics, Drug Use Process and Drug Information Rotations, geriatrics rotation, ethics, organizational and societal issues and research design courses; Research interests: Optimal patient outcomes in populations at risk (elderly, women, and the economically disadvantaged); Grants: Funded service and research is in the area of medication management in the elderly. These projects are conducted with the Senior Centers in Wyoming [the most recent contract is for $58,000].

Gabriele Mayer, PhD, Temporary Research Scientist. Teaching responsibilities: Clinical toxicology; Research interests: Cytochrome P450 Metabolism.

Allyn Ontko, PhD, Assistant Professor of Medicinal Chemistry, Adjunct Assistant Professor of Chemistry. Teaching responsibilities: Medicinal and Natural Products Chemistry I & II and portions of Clinical Toxicology; Research interests: Rational design of transition metal complexes (particularly gold) for use in the treatment of drug resistant ovarian cancer.

Jennifer Petrie, PharmD, Assistant Professor of Pharmacy Practice, Clinical Pharmacy Coordinator for the Laramie Downtown Clinic. Teaching responsibilities: Pharmacy practice didactic courses and precepts students at the Downtown Clinic; Research interests: Patient care outcomes; Grant funding: Model State Support AHEC Minigrant funded by the University of Washington.

Jun Ren, PhD, Professor of Pharmacology; Director, Center for Cardiovascular Research and Alternative Medicine. Teaching responsibilities: Pharmacology, clinical toxicology, advanced cardiovascular pharmacology and medical pathology to graduate and medical students; Research interests / grants: Leads several federal funded projects on diabetes, alcoholism and aging (over $1.5 million) and directs a cardiovascular and alternative medicine research center with more than 12 employees.

Robert Scalley, PharmD, Director and Professor of Pharmacy Practice. Practice Setting: Fort Collins Family Medicine Residency Program, Poudre Valley Hospital, Ft. Collins, CO; Course coordinator for Introduction to Therapeutics, Therapeutics I, Therapeutics II and Clinical Pharmacokinetics.


Beverly A. Sullivan, PharmD, Associate Dean; Professor and Director of Pharmacy Practice. Teaching responsibilities: Pharmacy Practice and Native American Health Issues; Research interests: Detection of cancer markers, women’s health, and the provision of pharmaceutical care to indigent rural populations; Service: Provides pharmaceutical services to the Downtown Clinic.

Glaucia Teixeira, PhD, Associate Professor of Pharmaceutics. Teaching responsibilities: Pharmaceutics; Research interests: Drug formulation stability, medicinal plants, and protein purification.

John Vandel, RPh, Dean, School of Pharmacy. Teaching responsibilities: Role of the Pharmacist, Dean’s Current Affairs, and Societal Issues.

Tonja Woods, PharmD, Clinical Assistant Professor. Practice site: Currently in the process of developing an advanced community pharmacy practice site in Laramie; Teaching responsibilities: Therapeutics, Pharmacy Practice, The Role of the Pharmacist and course coordinator Pharmacy Practice; Clinical / research interests: Diabetes, women’s health, aging, anticoagulation, cardiovascular risk reduction and antibiotic resistance; Grants: Recently completed a grant project regarding pharmacist and nurse roles in antibiotic use for upper respiratory infections.

Weeranuj Yamreudeewong, PharmD, Associate Professor of Pharmacy Practice. Practice site: Cheyenne Veterans Administration Medical Center; Research interests: Cardiovascular disease, infectious disease, nutritional support, and pharmacokinetics.

Xiaoping Yang, PhD, Temporary Research Scientist. Research interests: Biochemistry, drug design, and cardiovascular diseases.

School of Pharmacy Staff

Maria Bennett, Credentials Analyst / Academic Advisor
Bobbie Cesko, Office Manager
Debra Devereaux, RPh, WY-DUR Program Manager
Chloe Jones, Receptionist / Faculty Secretary
Pam Kruse, Biomedical Research Technician
Laura Miller, WY-DUR Program Assistant
Bonnie Zhao, Research Assistant
CE Home Study

The University of Wyoming School of Pharmacy offers CE credit through Pharmat home-study courses. We are currently using volume XXX. The course titles are New Drugs and New Drugs Pending 2003, Applying Pharmacoeconomic Principles, Basics of Immunization, Current and Future Issues in Viral Diseases: Overview for the Pharmacist, and Patient Assessment and Understanding. The courses are worth 3 ACPE continuing education hours. You could earn a total of 15 credit hours if you do all 5 courses. Contact the School of Pharmacy for more information.

New UW Cookbook

Reservations are now being accepted for the new University of Wyoming cookbook, Black Tie and Boots: Timeless Traditions from the New West, scheduled for publication in September 2005.

Nearly 100 full-color photographs by award-winning UWyo magazine photographer Ted Brummond will illustrate some 300 recipes for appetizers and beverages; breads and brunches; salads and dressings; soups and stews; meats; poultry; fish and seafood; pasta and rice; vegetables and side dishes; and desserts.

All of the recipes were submitted by Wyoming residents and by University of Wyoming alumni living throughout the nation and the world.

Featured recipes have been organized into menus for a variety of special occasions, such as a Commencement dinner, picnic at Vedauwoo, Fourth of July barbecue, Halloween luncheon, elegant dinner, winter Mexican supper, pre-theatre hors d’oeuvres, and Cowboy Joe tailgate party.

Entertaining suggestions, holiday traditions, historical and cultural anecdotes, cooking tips, information on some recipes’ countries of origin, high-altitude baking hints, and information on unusual ingredients will enhance a number of recipes.

Recipes selected for the book are tested and professionally edited for cooking ease, beautifully illustrated, and reproduced to reflect the history and culture of UW and the state of Wyoming.

To order Black Tie & Boots: Timeless Traditions from the New West, send a check or money order to the University of Wyoming Bookstore, Cookbook Reservation, Dept. 3255, 1000 E. University Ave., Laramie, Wyoming 82071-2000 or order at www.uwyo.edu/cookbook on the World Wide Web. The price for each book is $29.95; Wyoming residents must add state and county sales tax. Shipping is $9.95 for one-to-four books per address. For shipping on more than four books, please call the UW Bookstore at 1-800-370-2676. Books will be shipped beginning in September.

Proceeds from Black Tie & Boots: Timeless Traditions from the New West will support University of Wyoming Libraries.

The College of Health Sciences

The College of Health Sciences offers challenging degree programs in the fields of pharmacy, nursing, medicine, social work, kinesiology and health, communication disorders, and allied health sciences. To find out additional information about these programs, visit the College of Health Sciences’ website at www.uwyo.edu/hs.
Calendar of Events - Fall 2005

September 9 - 10, 2005
School of Pharmacy Weekend
CE: Friday night and Saturday morning
Tailgate and Football Game: Saturday afternoon
Hotel accommodations are available at the following hotels.

Hampton Inn
307-742-0125
Mention School of Pharmacy CE and Tailgate

Comfort Inn
307-721-8856
Mention UW Pharmacy CE and Tailgate

October 15, 2005
Homecoming - Wyoming vs. New Mexico

October 21, 2005
Hoy Seminar
Dean’s Advisory Counsel
School of Pharmacy Advisory Committee
College of Health Sciences New Building Dedication Ceremony

All event dates are contingent upon establishing a date for the gala event marking the end of the DISTINCTION campaign.
Please call the School of Pharmacy at 307-766-6120 or visit one of our websites to confirm the event dates.

www.uwyo.edu/pharmacy
www.uwyo.edu/pharmacyalumni

School of Pharmacy Foundation
John Vandel, Dean, School of Pharmacy

During the years I was a member of A.C.P.E. I visited many schools and colleges of pharmacy for accreditation purposes. I was always impressed by the size of some of their foundations and what they were able to do with this resource.

You, our alumni and friends of the School of Pharmacy, have been generous in your contributions, but you have not received the recognition you should have received for your generosity. Therefore, since in the fall of 2006 we will begin our 60th year as a School of Pharmacy at the University of Wyoming, I would like to begin a “Donor Honor Roll” to recognize those who yearly support the school with gifts to the School of Pharmacy through the UW Foundation.

The Foundation supports the school in many ways by providing funding for scholarships, travel for students and faculty to attend meeting and present research papers, equipment for student and research laboratories, building renovations, seminar presentations and many other items. The legislature treats us very well, but over 90% of our budget is expended for faculty, staff salaries, and maintenance.

The Donor Honor Roll would be recognized in the following manner.

Pinnacle Society – Annual gifts of $10,000 and higher
Mortar and Pestle Society – Annual gifts of $5,000 - $9,999
Dean’s Club Inner Circle – Annual Gifts of $1,000 - $4,999
Dean’s Club – Annual Gifts of $500 - $999
Rx Select Club – Annual Gifts of $100 - $499
Donors – Annual Gifts up to $99

Membership in the Donor Honor Roll is for the university’s fiscal year: July 1 – June 30. Alumni and friends who contribute $1000 or more to the School of Pharmacy will receive invitations to special events hosted by Dean Vandel and the School of Pharmacy. They will also qualify for membership in the President’s society, which was established by the UW Foundation to formally recognize generous alumni and friends. For further information about the President’s Society, please contact the UW Foundation’s Director of Annual Giving at 307-766-3933. Please use the form on page 8 of this newsletter to send donations to the School of Pharmacy.
Building a Strong Future for the School of Pharmacy

Please accept my donation to the School of Pharmacy - Fund NO6PH

Name: ____________________________________________________________
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Expiration date: _______________________________________________________

Checks made payable to UW Foundation.
Please include Fund NO6PH on your check.
Gifts may be sent to:
    UW Foundation
    1200 Ivinson Avenue
    Laramie, WY 82070