Message from the President

Dear Colleagues,

Idaho State University’s College of Pharmacy is a recognized leader in pharmaceutical education, outreach, and important research initiatives in the clinical, pharmaceutical, and social/administrative sciences. Both faculty and students are committed to innovative learning approaches and state-of-the art methods that will enhance clinical outcomes to drug therapy in the twenty-first century. Through creative partnerships with industry, government, and professional associations, and by working with dedicated alumni, the College of Pharmacy touches the lives of thousands. The University and the College are looking ahead to build on our accomplishments and meet new challenges. Please read about the accomplishments of this fine faculty and staff whose work helps to make ISU the fine, proud institution that it is. It is with appreciation that we recognize your support and advocacy, a vital ingredient in the College’s formula for success.

With regards,

Richard L. Bowen, President

College of Pharmacy Mission

The College of Pharmacy, an agent of the state of Idaho, is a nationally-recognized, statewide program for the education of pharmacy practitioners in the delivery of pharmaceutical care.

This mission includes the delivery of highest quality prelicensure education, graduate education in the pharmaceutical and social/administrative sciences, and competency enhancement of pharmacy practitioners.

As a major comprehensive health sciences academic program, the college is the state's resource for scientific investigation on pharmacologically-related health issues and the largest repository for expertise in pharmacy practice in the state.

Educational, service, and research programs are tailored to meet the specific needs of the citizens of Idaho.

All photos except those that appear on pages 13 and 19, are courtesy of ISU Photographic Services.
Office of the Dean
- Dean’s Report .............................................................................................................................................. 4
- Organizational Structure ................................................................................................................................. 6
- College Accreditation Reaffirmed .................................................................................................................. 7
- New Retiree ..................................................................................................................................................... 7
- Dean’s Advisory Council ................................................................................................................................ 8
- College Committees ....................................................................................................................................... 9
- Financial Report ............................................................................................................................................ 10

Professional Programs
- Office of the Associate Dean .......................................................................................................................... 12
- Graduate Programs ........................................................................................................................................ 14
- Student Financial Assistance .......................................................................................................................... 15

Department of Pharmacy Practice and Administrative Sciences ........................................................................ 16
- Pharmacy Practice Residency Program ........................................................................................................ 17
- Nontraditional Pharm.D. Program .................................................................................................................. 18
- Idaho Drug Information Service ................................................................................................................... 19
- Idaho Drug Utilization Review Program ...................................................................................................... 20
- Continuing Education ................................................................................................................................... 22
- Pharmacy Community Outreach .................................................................................................................. 23
- Duncan Receives Award ............................................................................................................................... 23
- Externship Sites and Site Coordinators ......................................................................................................... 24
- Clerkship Sites and Preceptors ..................................................................................................................... 25

Department of Pharmaceutical Sciences ....................................................................................................... 27

Alumni and Development
- Wheeler Receives Professional Achievement .............................................................................................. 28
- Homecoming Reunion & Building Dedication ................................................................................................. 28
- The Year in Giving ....................................................................................................................................... 29
- Pharmacy Endowment .................................................................................................................................. 29
- 1998-99 Donor Honor Roll ........................................................................................................................... 30

Student and Faculty Highlights
- The Class of 1999 ........................................................................................................................................... 32
- Graduates Recognized ................................................................................................................................... 33
- Faculty and Student Awards ............................................................................................................................ 34
- Teachers and Preceptor of the Year .................................................................................................................. 35
- Student Organization Reports .......................................................................................................................... 36

1998-99 College Faculty and Staff ..................................................................................................................... 39

Appendix I Accomplishments - Department of Pharmacy Practice and Administrative Sciences ................................ 43
Appendix II Accomplishments - Department of Pharmaceutical Sciences ............................................................. 57
Dean's Report

The 1998-99 year was marked by important accomplishments and new beginnings. Following a year of self-study and preparation, the American Council on Pharmaceutical Education, continued the College’s accreditation until June 30, 2005, which represents the full six-year reaccreditation period. This was a vital and constructive process for the college and one that served to validate our work and our planning for the future. It will facilitate the continuous improvement of all of our programs.

Although state appropriated funds increased very modestly over the prior year, total funds for the College increased 8.6%, primarily as a result of a substantial increase in grants and contracts. Grant and contract funding increased 43% over the prior year. This speaks specifically to the hard work, commitment, and creativity of this excellent faculty and staff who worked tirelessly to fulfill the mission of the College and University. Pharmacy students received a total of $115,493 in scholarships, $86,633 of which was awarded directly by the College as a result of the generosity of our alumni and friends. The essential support of these individuals and corporations includes not only financial support, but also wise counsel, energy, and advocacy. Their contributions to the College are so gratefully received and appreciated.

The new 10,000 sq. ft. addition to Leonard Hall was dedicated in an October ceremony in the presence of the Dean’s Advisory Council and many other friends of the College. Mr. Neil R. Griggs (’70), owner of Teton Clinical Pharmacy in Idaho Falls, was the speaker at the ceremony. This addition provides a technologically advanced classroom, three rooms for teaching in small groups, a research lab, ten offices, and an unfinished basement that will become a pharmaceutics and dispensing teaching lab when adequate funds are raised to cover construction costs.

The College was very fortunate in recruiting several outstanding new faculty members. Dr. Catherine Hitt joined the Department of Pharmacy Practice and Administrative Sciences from the Mayo Medical Center in Rochester, MN where she was a drug information and pharmacoeconomic clinical specialist. Dr. Cara Liday joins the same department from ISU’s Family Medicine program. Dr. Alok Bhushan joins the Department of Pharmaceutical Sciences from the University of Vermont Cancer Center. Dr. Sudip Das also joined the Department of Pharmaceutical Sciences from Nova Southeastern College of Pharmacy, and Dr. Leslie Devaud joined the same department from the University of North Carolina School of Medicine and the Bowles Center for Alcohol Studies. These new faculty members bring added strength to our teaching and research offerings for both the professional pharmacy and graduate degree programs.

A total of 74 students graduated from the Doctor of Pharmacy program, 54 from the traditional pathway and 20 from the nontraditional pathway. I am delighted to report that 100% of our graduates passed the national licensure examination, the NAPLEX, on their first sitting for the exam, and that 100% of our graduates reported that they had found employment prior to graduation or had been accepted to a residency or graduate program to continue their studies. We are very proud of our graduates and wish them every success as they begin their journey as practitioners and leaders in the profession and in their communities.

One hundred twenty-eight pharmacists have now graduated from the nontraditional Doctor of Pharmacy program, and 170 students from across the country are now enrolled. This program is entirely self-supporting as no state-appropriated funds are allocated to its operation. These graduates continue to provide leadership to their profession and to bring honor to their alma mater. The nontraditional curriculum continues to evolve, incorporating more case-based, active learning and interactive Internet offerings.

The graduate program continued to grow and strengthen in both the pharmacy administration and pharmaceutical sciences emphases. With the hiring of new faculty to compensate for retirements and attrition, the
research program expanded, and the number of research presentations given by graduate students, residents, and faculty at scientific meetings increased significantly. In both departments, the number of published manuscripts increased, as well. The post-doctoral residency program has matured and is now regionally and nationally recognized for the quality of instruction and clinical experiences.

Excellence in teaching is a primary goal of the College. To that end, the curriculum was continuously reviewed and refined during the year, and modifications were made to the clerkship curriculum to increase availability of clinical elective opportunities. Additionally and very importantly, discussions were initiated to lay the foundation for a very significant curriculum revision to be undertaken during the 1999-00 calendar year. As a notable highlight to the College’s teaching efforts, Dr. James Lai was named by the University as the 1999 ISU Distinguished Teacher.

The College continues to contract with the Idaho Department of Health and Welfare to provide staff support for the Idaho Drug Utilization Review (DUR) Board. This program is charged to maximize safe and cost-effective drug therapy for Idaho Medicaid recipients. The Medicaid-appointed board is the decision-making body that is responsible for evaluating practitioner prescribing and dispensing behavior and determining appropriate educational or corrective interventions. The staff, under the direction of Dr. Vaughn Culbertson, is responsible for analysis of drug use patterns, designing educational and other interventions, and implementing all board actions. Interventions are designed to improve patient care, and many also result in cost savings to the state. Our activity within this program enhances not only our teaching (at the undergraduate and graduate levels) but also our research and service mission.

As the complexity of providing pharmaceutical care increases, the importance of providing high quality continuing education (CE) to pharmacists in Idaho grows. Continuing education is also provided through the Nontraditional Doctor of Pharmacy program. The College provided or sponsored 15 continuing education programs during 1998-99. A total of 1,155 pharmacists participated in various programs and earned 15,876 contact hours of CE.

Finally, I want to commend a truly outstanding faculty and staff for their many unselfish contributions to the College and University. The faculty’s participation and leadership within local, state and national professional and scientific associations continue to make a meaningful difference for our profession, our College and ultimately for patient care. A huge thanks is also due to our affiliate and adjunct faculty without whose many efforts we simply could not succeed. Their contributions are immense, and their motivations are noble. The alumni and friends of the College are a final ingredient in our formula for success. Their gifts of time, wisdom, and dollars enable program enhancements that would otherwise be impossible. With the commitment of our faculty, staff, alumni, and friends we enter a brave new millennium with assurances of success beyond our dreams.

Barbara G. Wells
Dean

Dedication of the new 10,000 sq. ft. addition to Leonard Hall.
L to R: Vaughn L. Culbertson, Chris K. Daniels, Barbara G. Wells, Neil Griggs, and Paul S. Cady
Organizational Structure

The college’s faculty and staff pool their combined talents to form a high-quality educational team.
Accreditation Reaffirmed

The American Council on Pharmaceutical Education (ACPE) reaccredited ISU’s College of Pharmacy until June 30, 2005, which represents the full six-year reaccreditation period.

The reaccreditation process required that faculty and staff produce a written self-evaluation report describing the college’s organization and administration; faculty and staff; physical, clinical, library, and financial resources; curriculum and degrees; and student support activities. A key component of the process was the council’s on-site visit where a team of five individuals conducted a thorough program analysis over a three-day period to assess the college’s compliance with nationally adopted standards for excellence in pharmacy education.

ACPE was established in 1932 and is the national accrediting agency in pharmacy recognized by the Secretary of Education, U.S. Department of Education. ACPE has accredited all 81 U.S. pharmacy colleges and schools, which include a community of more than 3,200 full-time faculty; 33,000 students enrolled in professional programs; and 2,600 students pursuing graduate study.

Dr. Wells thanks the entire faculty and staff who worked diligently and cohesively to conduct a comprehensive self-analysis of the college’s programs and also interacted openly and constructively with the reaccreditation team during their visit. It was a time consuming but very valuable process that will facilitate continuous improvement as the college prepares students for the next century.

New Retiree

Sharp retires after 24 years

Dr. William T. Sharp, professor of pharmacy administration, retired after 24 years at ISU. He has worked with four deans, three university presidents and two interim presidents. Sharp has served as the associate dean of the College of Pharmacy, director of continuing education in pharmacy, and externship director.

Sharp also served a sabbatical leave at the University of Maryland School of Pharmacy. Sharp believes that every professor should be offered the opportunity to teach at other universities.

He received a citation of appreciation in 1983 from ISU, and in 1966 Washington Governor Daniel Evans presented him with an appreciation of service from the Washington State Board of Pharmacy.

Sharp and his wife, Betta, plan to travel the U.S., Canada, Europe, and Australia and find a warm place to spend the winter.
1998-99 Dean’s Advisory Council Members

The Dean’s Advisory Council (DAC) serves as an advisory body to the dean of the College of Pharmacy. The DAC meets twice a year and provides counsel regarding the college’s curriculum, strategic planning, fund raising, program assessment, activities and functions, proposed legislation, and other areas as required. The membership of the DAC includes state and national pharmacy leaders, alumni, practicing pharmacists, pharmacy owners, and corporate and industrial leaders. Members of the DAC serve three-year terms that may be repeated at the discretion of the dean. Appointments to the council are made by the dean with recommendations from the DAC and college administration. The college’s sincerest appreciation for another exemplary year of service from the following council members.

1998-99 Dean’s Advisory Council Members

- James Alexander, Sav Mor Drug
- Brad Anderson, SmithKline Beecham Pharmaceuticals
- Steve Avey, Foundation for Managed Care Pharmacy
- Gregory Betts, Cassia Regional Medical Center
- Marion Bowen, Retired/Idaho Board of Pharmacy
- Nicole Chopski, Northwest Pharmaceutical, Inc., and Bannock Regional Medical Center
- JoAn Condie, Idaho State Pharmacy Association
- Lisa Cowley, Prescription Center
- Charles Davis, ShopKo
- Paul Driver, Pocatello Regional Medical Center
- Edith Dvorak, Pocatello Regional Medical Center Plaza Pharmacy
- Ronald Endo, Pocatello Regional Medical Center
- Robert Fischer, Ontario Clinic Pharmacy
- James Francis, St. Luke’s Regional Medical Center
- Allen Frisk, St. Alphonsus Regional Medical Center
- Dorothy Galloway, Bannock Regional Medical Center
- Lorri Gebo-Shaver, Super Save Drug
- Neil Griggs, Teton Clinical Laboratory
- Steven Hadlock, The Medicine Shoppe
- Nancy Hecox, Fred Meyer, Inc., and the Washington Board of Pharmacy
- Kent Jensen, Fred Meyer, Inc.
- Shawna Kittridge, Vencare Pharmacy Services
- Dale Lavigne, Lavigne Drug Group
- Don Leonard, Chateau Drug
- Howard Mann, Allen & Hanburys
- Richard Markuson, Idaho Board of Pharmacy
- Barbara Mason, Idaho State University
- Gary Meadows, Washington State University
- Larry Munkelt, Pocatello Regional Medical Center
- Jay Osborne, Sierra View District Hospital
- Ara Paul, Dean Emeritus, The University of Michigan
- George Roe, Costco
- Frank Savage, Agouron Pharmaceuticals, Inc., and Amgen, Inc.
- Mark Shadle, Albertson’s, Inc.
- Marilyn Silcock, Bannock Regional Medical Center and the Idaho Board of Pharmacy
- Sidney Sly, Retired, Intermountain Health Care
- Karen Smith, Merck & Company, Inc.
- Edward Snell, Ed Snell’s Pharmacy Shop
- Dorsie Sullenger, Madison Memorial Hospital
- Frank Talboy, VA Medical Center
- John Tilley, Tilley’s Apothecaries, Inc.
- Rob Tyler, Tyler’s Gem Pharmacy
- Janet Westendorf, Glaxo Wellcome, Inc.
- Mary Wheatley, Ontario Clinic Pharmacy
- Ralph Wheeler, State Legislator
- Gary Wilburn, Lemp’s Apothecary
- Lynette Williams, Northwest Pharmaceutical, Inc.
- John Wiltse, Idaho Society of Health-System Pharmacists
College Committees

Committees comprise faculty members, staff, and students. Faculty members on committees (except the Technology Committee) serve two-year terms, other than those serving as representatives of university committees, which may have longer terms. Students are appointed for one-year terms. Faculty are elected by their colleagues for the Faculty Affairs Committee; departmental representatives on other standing committees are appointed by the college’s Administrative Council.

1998-99 College Committees

Assessment Committee
Paul Cady (Chair)
Barbara Adamcik
Jan Beckwith
Eric Jarvi
James Lai
Rodney Larson
Barbara Mason

Curricular Affairs Committee
Barbara Adamcik (Chair)
Deborah Burr (Student)
Paul Cady (Ex Officio)
Kim Clark (Student)
Leslie Devaud
Dana Diedrich
Teddie Gould
Roger Hefflinger
Anna Ratka
Kenna Wheeler (Student)

Faculty Affairs Committee
Eric Jarvi (Chair)
Barbara Adamcik
Jan Beckwith
Dana Diedrich
Karl Madaras-Kelly
Cindy Wilson

Graduate Education and Faculty Research Affairs Committee
Anna Ratka (Chair)
Vaughn Culbertson (Ex Officio)
Christopher Daniels (Ex Officio)
Evo Alemao (Graduate Student)
Paul Cady
Eric Jarvi
Karl Madaras-Kelly
Richard Rhodes
Cindy Wilson

Student Affairs Committee
Paul Cady (Chair, Ex Officio)
Vaughn Culbertson (Ex Officio)
Catherine Heyneman
Christopher Johnson (Student)
James Lai
Clive Nelson
Nate Smedley (Student)
William Sharp

Technology Committee
Paul Cady (Chair)
Sudip Das
Dana Diedrich
Stephen Hurley
Sandra Jue
Craig Kelley
Margo Lasky
Mary Ann Stoll
The state supported budget of Idaho State University College of Pharmacy increased from $2,951,249 in Fiscal Year '98 to $3,090,849 in Fiscal Year '99. This represents a 4.73 percent increase in state support for the college.

The state supported budget includes monies for faculty and staff salaries, equipment, materials, supplies, and communication costs for the college.

The college also received gifts in the amount of $109,048, which includes the annual phonathon fund drive. Grants and contracts received by College of Pharmacy faculty and graduate students in Fiscal Year '99 totaled $1,090,740, and the indirect cost recovery to the college from some of those grants was $31,118. Earnings from endowment funds netted the college $291,348. Student fees added $730,748 to the college budget, and sales and services brought in $182,195.

In order to fulfill the mission of the College of Pharmacy, state funds alone are not enough to meet the needs of the service, research and educational programs of the college. Additional funding is needed for equipment, supplies, special projects, research, student scholarships and fellowships, and special programs of the college. Annual giving has continued to grow in a time of modest, if any, increases in budgets. Annual giving and endowment income are very important components of the college budget. Additionally, faculty members have been successful in securing vital extramural support.
### Grants and Contracts Awarded in FY99*

<table>
<thead>
<tr>
<th>Pharm Sciences</th>
<th>Pharm Practice</th>
<th>Investigator</th>
<th>Principal Funding Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>$300,622</td>
<td>Dana L. Diedrich/Biology</td>
<td>US Dept of Health &amp; Human Services</td>
<td></td>
</tr>
<tr>
<td>$237,547</td>
<td>V. Culbertson/P. Cady</td>
<td>ID Dept. of Health &amp; Welfare</td>
<td></td>
</tr>
<tr>
<td>$104,131</td>
<td>Leslie Devaud</td>
<td>National Institutes of Health</td>
<td></td>
</tr>
<tr>
<td>$68,718</td>
<td>Eric Jarvi</td>
<td>B &amp; V Technologies</td>
<td></td>
</tr>
<tr>
<td>$46,474</td>
<td>Anna Ratka</td>
<td>University of Idaho/NSF-EPScоГ</td>
<td></td>
</tr>
<tr>
<td>$42,538</td>
<td>K. Madaras-Kelly/C. Daniels</td>
<td>Bayer Pharmaceuticals</td>
<td></td>
</tr>
<tr>
<td>$39,445</td>
<td>Richard Rhodes</td>
<td>Veterans Administration</td>
<td></td>
</tr>
<tr>
<td>$37,350</td>
<td>Roger Hefflinger</td>
<td>Family Practice Residency of ID, Inc.</td>
<td></td>
</tr>
<tr>
<td>$34,998</td>
<td>Alok Bhushan</td>
<td>American Cancer Society</td>
<td></td>
</tr>
<tr>
<td>$34,019</td>
<td>Shirley Reitz</td>
<td>St. Luke@ Regional Medical Center</td>
<td></td>
</tr>
<tr>
<td>$33,600</td>
<td>Teddie Gould</td>
<td>Veterans Administration</td>
<td></td>
</tr>
<tr>
<td>$17,010</td>
<td>Roger Hefflinger</td>
<td>Family Practice Medical Center</td>
<td></td>
</tr>
<tr>
<td>$17,010</td>
<td>Roger Hefflinger</td>
<td>Medical Clinic Pharmacy</td>
<td></td>
</tr>
<tr>
<td>$12,979</td>
<td>Thomas R. LaHann</td>
<td>University, Research Committee</td>
<td></td>
</tr>
<tr>
<td>$7,275</td>
<td>Barbara G. Wells</td>
<td>Kasiska Foundation</td>
<td></td>
</tr>
<tr>
<td>$6,410</td>
<td>Eric Jarvi</td>
<td>Northwest Cosmetic Laboratories</td>
<td></td>
</tr>
<tr>
<td>$6,000</td>
<td>Cindy Wilson/Nate Smedley</td>
<td>Amer Assoc of Colleges of Pharmacy</td>
<td></td>
</tr>
<tr>
<td>$6,000</td>
<td>Chris Daniels/Cassie Luce</td>
<td>American Foundation for Pharmaceutica Ed</td>
<td></td>
</tr>
<tr>
<td>$5,500</td>
<td>Anna Ratka/Lanning Baker</td>
<td>Merck/AACCP</td>
<td></td>
</tr>
<tr>
<td>$5,130</td>
<td>Chris Daniels/My Kim Clark</td>
<td>American Foundation for Pharmaceutica Ed</td>
<td></td>
</tr>
<tr>
<td>$5,000</td>
<td>Rex Lott</td>
<td>Parke-Davis</td>
<td></td>
</tr>
<tr>
<td>$5,000</td>
<td>Rex Lott</td>
<td>Warner Lambert</td>
<td></td>
</tr>
<tr>
<td>$4,652</td>
<td>James Lai</td>
<td>University Research Committee, ISU</td>
<td></td>
</tr>
<tr>
<td>$4,000</td>
<td>Chris Daniels</td>
<td>Faculty Research Committee, ISU</td>
<td></td>
</tr>
<tr>
<td>$4,000</td>
<td>Cindy Wilson</td>
<td>Faculty Research Committee, ISU</td>
<td></td>
</tr>
<tr>
<td>$3,098</td>
<td>Rodney Larson</td>
<td>Faculty Research Committee, ISU</td>
<td></td>
</tr>
<tr>
<td>$1,234</td>
<td>Teddie Gould</td>
<td>Faculty Research Committee, ISU</td>
<td></td>
</tr>
<tr>
<td>$1,000</td>
<td>Rex Lott</td>
<td>Parke-Davis</td>
<td></td>
</tr>
<tr>
<td><strong>$609,614</strong></td>
<td><strong>$481,126</strong></td>
<td><strong>Totals</strong></td>
<td><strong>$1,090,740</strong> Total for both departments</td>
</tr>
</tbody>
</table>

*As reported by the Office of Sponsored Programs*
Office of the Associate Dean

It has been an exciting and rewarding year at the College of Pharmacy. We had 74 students graduate from the professional program. Of those graduating, 54 graduated from the traditional Doctor of Pharmacy program, while the remaining 20 graduated from the nontraditional program. Once again many employers from across the country have heavily recruited our graduating students. In fact, of the students reporting, 100 percent indicated they had found employment prior to graduation. Ten of our graduating students reported that they had chosen to continue their education by completing a postgraduate residency program. These fine pharmacists are well prepared and capable of becoming leaders in the profession. We are very proud of our graduates.

With the help of many wonderful people, we were able to provide scholarships for many of our students. During the 1998-99 year, the college was able to award nearly $87,000 to pharmacy students. We are grateful to all who make contributions to the scholarships and endowments of the college. The scholarships make it possible for many of our students to pursue their goal of becoming a pharmacist.

Changes in the profession of pharmacy are opening doors to many new and exciting roles and careers. We are seeing the growth of collaborative practice opportunities with pharmacists monitoring and managing patient care. It is indeed exciting to see pharmacists developing specialty clinics, vaccine programs and providing pharmaceutical care. The faculty at the college of pharmacy continues to evaluate the curriculum, ensuring that we continue to prepare students to meet changing demands of the profession. The faculty and students, with the helpful input from practitioners, are committed to ongoing monitoring and revision of the curriculum.

Pre-pharmacy students are a very important part of the College of Pharmacy. By advising and maintaining personal contact with the pre-pharmacy students at Idaho State University and our affiliate institutions, the associate dean’s office strives to assist students to best prepare themselves for admission into the Doctor of Pharmacy program at the College of Pharmacy and ultimately the profession of pharmacy. The associate dean’s office actively recruits and communicates with pre-pharmacy students and advisors at Idaho’s nine institutions of higher learning: Albertson College, Boise State University, College of Southern Idaho, Idaho State University, Lewis-Clark College, North Idaho College, Northwest Nazarene College, Ricks College, and the University of Idaho.

Over the course of this year, the associate dean and assistant to the associate dean were actively involved in recruitment as we traversed the state, visiting pre-pharmacy students, advisors, and potential pre-pharmacy students at universities, colleges, and high schools. Valuable contacts were made and important information dispensed. Not only did we meet with students at other institutions, but we had numerous potential recruits who visited and toured the college and met with the associate dean or assistant to the associate dean. Such recruitment efforts are crucial and rewarding as the associate dean’s office seeks to help students to be prepared for our competitive admissions process.
Professional Programs

This was the first year that the college offered early admission into the doctor of pharmacy program and it was a positive experience for both the college and the students. Designed for students who have completed all of their pharmacy prerequisites, early admission enabled eight students to know by mid-November, 1998, that they were accepted to start the program in the fall of 1999. As a result of the positive outcome of early admissions, the college plans to continue the early admission program with an application deadline in late September. Traditional admissions will continue to have a February 1st application deadline.

Admission into the traditional doctor of pharmacy program was very competitive this year. Two hundred fifty four (254) applications were received for fall 1999 admission, compared to 156 applications the previous year. Of the 254 applications received, 94 applicants were interviewed and 53 were admitted to begin the fall 1999 semester. Idaho residents will comprise 83 percent of the incoming class.

We had excellent participation in student activities this year. Students of the college actively participated in admission interviews, research, immunization clinics, poison prevention programs, health fairs, accreditation interviews, and also collected food and presents for two local families at Christmas time. Among the various activities, we had an awards banquet to honor our graduates, well attended and enjoyable beginning of the year and end of the year picnics; both picnics were sponsored and coordinated by student organizations. The end of the year picnic followed a faculty-student golf tournament where the students were able to humble the faculty. These and other activities provide valuable opportunities for our students to socialize informally with faculty and other students.

Again, we are proud of our students. It is indeed wonderful to see our students becoming successful practitioners. As I have traveled throughout the state, I have taken the opportunity of visiting many pharmacies. It has been most rewarding to meet and speak with past graduates and to see their accomplishments. I consider it a great privilege to have played a small part in the education and training of these fine pharmacists.

Dr. Cady is very active with the student organizations.
Here he is working at the Academy of Students of Pharmacy annual spaghetti feed fundraiser.

Paul S. Cady, Ph.D.
Interim Associate Dean
Graduate Program

Pharmacy Administration

This year signals the end of an era as Dr. William Sharp, coordinator and a valued member of the graduate faculty in Pharmacy Practice and Administrative Sciences, retired. His dedication and commitment to the program will be missed.

We are pleased to report that the graduate program grew this year to a total of 14 graduate students, of which seven are seeking their Doctor of Philosophy degrees. Our students were very active in research this year, resulting in publications and presentations at scientific meetings across the country and the completion of two masters theses. The mission of the graduate program is to advance research and development to enhance the delivery of safe, effective and efficient pharmaceutical health care. Students and faculty are actively involved in a broad range of projects. Current projects involve the study of depression in the elderly, medical treatment and the quality of life, pharmacoeconomic analyses of treatment options, methodologies of the enhancement of medical education, and patient satisfaction with professional services.


We are looking forward to the coming year. With the addition of newly accepted applicants, the graduate program in Pharmacy Administration continues to grow and develop.

Pharmaceutical Sciences

The Department of Pharmaceutical Sciences is the sole state program for postgraduate education in a variety of areas in pharmaceutical sciences (pharmaceutics, medicinal chemistry, pharmacology, toxicology). The mission of the department’s graduate program is to train and motivate our students to succeed in their chosen career path through a broad based, multidisciplinary program. Drs. Eric Jarvi and Cindy Wilson coordinated the graduate program’s pharmaceutical sciences emphasis area for the 1998-99 academic year. Candidates enrolling in the Master of Science and doctorate programs must meet all requirements for admission to the ISU Graduate School and have an adequate background in the biological and physical sciences.

The Department of Pharmaceutical Sciences’ 12 full-time faculty generate research support from diverse sources such as University Research and Faculty Research Committees, the State of Idaho, National Science Foundation, American Heart Foundation, National Institutes of Health, and
Pharmacy Students Earn $115,493 in Scholarships

Seventy-nine students at Idaho State University’s College of Pharmacy received $115,493.00 in scholarships during the 1998-99 academic year. The College awarded $86,633 of the scholarship funds as of July 1st, while the University awarded the remaining funds. Although administered through ISU, the scholarships were provided by a variety of sources, including retail chain stores, pharmaceutical companies, the State’s professional pharmacy organizations, private donors, and the Kasiska Foundation.

Companies contributing scholarship funds to the College included American Drug-Osco/Sav-On, Pfizer, Longs Drug Stores, and Wal-Mart. First time awards to students were made from the Guy Curtis Waid Endowment and from the Sidney L. and Hetty H. Sly Scholarship Endowment, established during last academic year.
During academic year 1998-99, department faculty have undertaken a variety of curricular, research, and committee service activities to stay abreast of the challenges impacting pharmacy education. Adding to these challenges are the many therapeutic, biomedical, and technological advancements that seem to impact the delivery of pharmaceutical care services on almost a daily basis. The positive responses to these formidable tasks have been extremely gratifying, and I would like to briefly comment on some of the faculty’s activities and accomplishments during the year.

Certainly, the successful completion of our ACPE evaluation and full six-year accreditation was a significant achievement, and I wish to thank the department faculty for their contributions. A special recognition is necessary for departmental members Drs. Barbara Mason, Karl Madaras-Kelly, and Paul Cady for their leadership efforts as committee chairs responsible for major portions of the Self-Study Report.

Curriculum revision and departmental goals were important topics for discussion during the academic year. Changes to the clerkship curriculum were implemented to facilitate availability of more clinical elective opportunities, and candid discussions regarding major changes to the professional curriculum were initiated. Additionally, the department identified reimbursement for cognitive services as a fundamental issue worthy of significant departmental efforts. Although still very preliminary, I hope to report important accomplishments in this arena in future annual reports.

Several changes occurred within the departmental faculty during the year. After 26 years at ISU, Dr. William T. Sharp, professor of pharmacy administration has ended his academic career and begins his new ambitions as official retiree and professional traveler (he bought a motor home!). I also wish to acknowledge the many contributions of Dr. Shirley Reitz, Boise-based clinical faculty member for over 10 years. We will miss you both and best wishes in your future endeavors!

Although replacing the loss of talented faculty is always difficult, the department was fortunate in recruiting an outstanding new faculty member this year. Dr. Vinita Pai comes to us from Ohio State University where she completed a two-year fellowship in Pediatrics/Oncology.

A continuing emphasis on research and scholarship is evident from the department’s contribution to funded grants and scholarly publications. Departmental faculty contributed as principal investigators to four research projects and seven educational or service contracts during the academic year. A similar trend is evident from the list of publications authored during the year, which includes 23 published manuscripts, 14 book chapters. Additionally, departmental faculty presented 7 abstracts at national scientific and professional meetings.

In the areas of committee and patient care service, it is clearly evident that the faculty are extremely busy (see Appendix I), far beyond their customary teaching responsibilities. Departmental faculty members delivered more than 85 presentations to the lay public, pharmacists, various health care practitioners, and other researchers during the academic year. Furthermore, faculty members participated in local, state, and national pharmacy organizations. Many faculty are actively involved in daily patient care responsibilities and collaborate closely with other health care practitioners in the community via patient care conferences and committees. Finally, department faculty serve on a number of college and university committees. Each member of the department deserves recognition for their individual contributions. Their accomplishments are truly remarkable and certainly bring a strong sense of pride and recognition to the college and university as well.

I would like to take the opportunity to recognize the nearly 200 adjunct faculty who contribute so
Continuing development of pharmacy practice postgraduate training opportunities was an important accomplishment during the 1998-99 academic year. Pharmacy practice residents participated in numerous professional and educational activities during the year. In addition to pharmaceutical care responsibilities, their efforts included student clerkship teaching; case study tutorials; presentation of seminars, posters at state and national meetings, and numerous in-service educational meetings; and research projects.

Despite increasing financial pressures, we are optimistic about future opportunities and enthusiastically committed to a strong postgraduate training program to meet the health care needs of Idaho citizens. This year was no exception as one new residency position was added in Boise, and we look forward to additional residency and fellowship experiences in the future.

1998-99 Residency and Fellowship Training

<table>
<thead>
<tr>
<th>Resident</th>
<th>Discipline</th>
<th>Site</th>
<th>Faculty Preceptor</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pocatello, ID:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chuck Lawless</td>
<td>DUR COP/Idaho</td>
<td>DUR Program</td>
<td>R. Force/V. Culbertson</td>
</tr>
<tr>
<td>Linda Mainvil</td>
<td>Geriatrics</td>
<td>Pocatello Veterans Home</td>
<td>R. Rhodes</td>
</tr>
<tr>
<td>David Hachey</td>
<td>Medicine</td>
<td>ISU Family Medicine Residency</td>
<td>R. Force</td>
</tr>
<tr>
<td><strong>Boise, ID:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tawndi Sargent</td>
<td>Ambulatory Care</td>
<td>Boise Family Practice Residency</td>
<td>R. Hefflinger</td>
</tr>
<tr>
<td>Paul Black</td>
<td>Ambulatory Care</td>
<td>Boise VA</td>
<td>B. Mason</td>
</tr>
<tr>
<td>Sally Myler</td>
<td>Ambulatory Care</td>
<td>Boise VA</td>
<td>B. Mason</td>
</tr>
<tr>
<td>Naomi House</td>
<td>Medicine</td>
<td>Boise VA</td>
<td>K. Madaras-Kelly</td>
</tr>
<tr>
<td>Rebecca Arbogast</td>
<td>Geriatrics</td>
<td>Boise VA</td>
<td>S. Jue</td>
</tr>
</tbody>
</table>
Nontraditional Pharm.D. Program

The nontraditional doctor of pharmacy (Non-T) program is designed to provide practitioners holding a bachelor’s degree in pharmacy and a valid U.S. or Canadian pharmacy license the opportunity to earn a Pharm.D. degree without returning full time to a college campus. During the 1998-99 fiscal year, the program was coordinated by Drs. Vaughn Culbertson and Catherine Heyneman.

Admission Procedure
Candidates for the Non-T Pharm.D. program must complete an admissions procedure that includes submitting documented evidence of a strong academic record, clinical experience, and past achievements as a pharmacy practitioner. Priority is given to residents of Idaho; however, pharmacists are encouraged to apply regardless of their state of residence. Prior to admission to the program, candidates must travel to Pocatello to complete an assessment process, which includes interviews and baseline evaluation of clinical skills.

The Program
The Non-T curriculum includes 28 credits of didactic course work that is taught using a combination of video tapes, interactive web-based case studies, detailed syllabi, and textbooks. Each course has an assigned instructor who is available to students via telephone for questions or assistance. Each student may complete the didactic course work at their own pace.

After the didactic portion of the program is completed, students must perform 28 weeks of clerkship training in various clinical pharmacy disciplines. Approximately 300 clerkship sites have been established throughout the U.S.

Enrollment and Graduates
The Non-T program has graduated 128 students as of May 1999. Currently, over 170 students from throughout the U.S. are enrolled in the program. Our graduates continue to excel in the pharmacy arena; several graduates are pursuing publications in respected pharmacy journals, and two recent graduates have accepted faculty appointments at other colleges of pharmacy.

Program Changes
The Non-T program has continued to incorporate active, case studies-based learning into its curriculum during 1998-99. Quality Assurance, Physical Assessment, and WebStudies have been combined into a new, highly interactive course entitled Problems in Pharmaceutical Diagnosis. This is the first course to be offered entirely over the Internet.

Additionally, the Non-T program continues to work with computer and distance learning experts to convert the current videotaped course materials into a format accessible via the Internet, allowing students to learn and review course materials by simply accessing the appropriate URL through their current Internet provider. The completion of the multi-media classroom in the college’s new addition is anticipated to facilitate the formatting and production of such supplemental learning materials.
Idaho Drug Information Service

The Idaho Drug Information Service (ID-DIS), directed by Jan Beckwith, Pharm.D., has two major functions. The ID-DIS provides patient-related drug information to health professionals throughout Idaho, and provides Drug Information instruction and training to ISU College of Pharmacy students. During 1998-99, the service responded to an average of seven information requests per working day.

In 1998-99, ID-DIS maintained 27 current journal titles through either subscription or donation. The ID-DIS maintains up-to-date electronic information through the purchase of Micromedex and International Pharmaceutical Abstracts (IPA) and by utilizing other databases available through Oboler Library and on the Internet.

The ID-DIS lab was upgraded with four new computers. All ID-DIS computers are now connected to the Internet through the College of Pharmacy network server, and are available for student use.

A residency position has been established, and a resident began in July 1999 for a one-year experience. We have completed about one-half of the database project for computer organization of ID-DIS records. This project will be completed within the coming year.
Idaho Drug Utilization Review Program

Introduction

The Omnibus Budget Reconciliation Act of 1990 (OBRA 90) requires that each state establish a drug utilization review (DUR) program for Medicaid outpatients. As a result of this federal mandate, the Idaho Department of Health and Welfare created the Idaho DUR. This program is intended to help enhance the quality of care for outpatients receiving prescription medications by assuring appropriate drug therapy. Currently the College of Pharmacy is the department’s agent for implementation of the OBRA 90 requirements regarding retrospective DUR.

Retrospective DUR includes periodic examination of drug claims data and other records to identify prescribing and dispensing patterns. The screening includes comparing patient medication information against drug use criteria. Over the past six years, the DUR staff has created explicit drug use criteria covering 20 drug classes and approximately 200 of the most commonly prescribed drug products. These criteria represent standards or guidelines for appropriate drug use as well as identifiable circumstances in which specific drug therapy entails a high risk for adverse effects. Employing the expertise of individual faculty members within the college, criteria were formulated using standard drug compendia and an extensive review of the clinical literature. Approximately 100 drug-specific criteria have been designated as potentially high-cost or high-risk drug use situations in which communication with physicians and pharmacists is deemed necessary to alert them of potential problems.

The following problem types are screened: age-drug contraindication, appropriate use of generics, drug-disease contraindications, drug-drug interactions, incorrect drug dosage, incorrect duration of drug treatment, over and under utilization, and therapeutic duplication.

The DUR Board

The Medicaid-appointed DUR Board is the decision-making body responsible for implementing and operationalizing the DUR program. Comprising three practicing physicians, three practicing pharmacists, and one nonpracticing physician; the board is responsible for evaluating practitioner prescribing and dispensing behavior and determining appropriate educational or corrective interventions. Information regarding each case is reviewed by the DUR staff and presented with recommended actions to the board for approval or modification. The DUR staff is responsible for implementation of all board actions.

ISU members of the 1998-99 DUR staff included: Vaughn Culbertson, Pharm.D., project director; Paul Cady, Ph.D., data management; Rex Force, Pharm.D., research director; Wendy Force, R.Ph, clinical specialist; Craig Kelley, B.S., computing; and Julie Johnson, Pharm.D., resident. Additionally, Dean Barbara G. Wells served at the board level as secretary.

The board’s primary emphasis is educational, providing information concerning drug therapy to practitioners via profile review, educational leaflets, and direct provider contact.
Provider Education
The board, with recommendations from the DUR staff, approve all intervention strategies deemed necessary to improve the quality of care being rendered to Idaho Medicaid clients. Remedial strategies can include, but are not limited to:

- written personal communications from the board to providers requesting information and documentation of specific drug use decisions,
- educational leaflets summarizing the mechanism, presentation and possible alternatives for a large number of common drug-related problems,
- cost graphics that summarize the relative cost implications and emphasize cost-effective alternatives,
- specifically designed and presented continuing education programs targeted for providers at professional meetings, and
- direct, personal contact with individual providers deemed to be repeat or long-term irrational prescribers or dispensers. Contact may take place with members of the board, qualified staff approved by the board, or clinical consultants.

Retrospective Interventions
The DUR staff has been actively involved in developing and performing interventions that improve the prescribing and dispensing habits of Medicaid providers. In addition to improved patient care, many interventions also result in a cost savings to the Department of Health and Welfare for prescribed medication. During FY1998-99, seven interventions were performed that covered the therapeutic categories of drug/disease contraindication, drug/drug interaction, incorrect duration, over utilization, screen/intervention, therapeutic duplication, and under utilization.

Additionally, the DUR database is frequently used to identify situations of medication overuse or abuse by recipients or high-risk drug therapy resulting from multiple providers. In the latter circumstance, the DUR review program provides extremely valuable information to physicians and pharmacists who may be unaware of each other’s contribution to the recipient’s medical care.

Educational Resource
The DUR program has proved to be an extremely valuable resource to the students and faculty at ISU as well as to other state agencies. The Colleges of Pharmacy and Business have both used the DUR project as an educational and teaching resource.

Professional and Scientific Activities
During the 1998-99 reporting period, the DUR staff published one paper and three abstracts. Additionally, one paper was submitted for publication.

Continuing Education

The College of Pharmacy continued an active role in providing continuing education (CE) to pharmacists in the state of Idaho.

As the complexity of providing pharmaceutical care has become more challenging, practicing pharmacists desire our faculty’s expertise to update their skills and continue to develop their own level of competency. As such, the college has continued to offer the following quality programs.

**Live CE Programming**

From July 1, 1998 to June 30, 1999, the college provided and/or sponsored 15 programs for pharmacists in Idaho and other areas. Live programming topics included disease-state management, pharmacotherapy, pharmacy practice legal issues, physical assessment, and immunizations. Programs were offered throughout the country, including California, Idaho, New York, and Texas. Nine hundred eighty-eight pharmacists attended these programs, earning 10,645 hours of CE.

**Home Correspondence Courses**

The college is committed to providing CE to pharmacists statewide. While a large portion of the Idaho population is located in the Boise area, the college recognizes the need to extend opportunities for pharmacists in rural areas to obtain CE credit. Over the past year, the college offered 27 Pharmat courses. Pharmat allows practitioners to increase their knowledge through home, self-paced study. Each program is developed by college faculty members nationwide and meets ACPE standards for content and quality. The following topics were offered: Asthma, BPH/prostatitis, cardiac arrhythmias, chemotherapy, congestive heart failure, dementia, depression, diabetes, headache, hormone replacement, hypertension, immunology, infectious disease, multiple sclerosis, nontraditional medications and herbs, pharmacy practice, skin disorders, tobacco cessation, vitamin therapy, and a host of others.

Thirty-two pharmacists completed home correspondence programs and received 336 hours of CE credit.

**Nontraditional Program CE**

Additionally, the college offered CE to nontraditional Pharm.D. students. Each course, developed by ISU faculty, uses video tapes, textbooks, and workbooks to provide a comprehensive study of each area. Pharmacists from across the nation received credit after successfully completing any of the following courses and clerkships.

- **Courses:** Clinical Chemistry, Clinical Pharmacokinetics, Clinical Research Design and Analysis, Drug Information, Human Pathophysiology, Immunology, Pathogenic Microbiology, Pathophysiology and Therapeutics I and Therapeutics II, Pathophysiology, Physical Assessment, Quality Assurance, and Cost Containment
- **Clerkships:** ambulatory care, medicine clerkship, and pharmaceutical care.

One hundred thirty-five pharmacists completed these programs during 1998-99 receiving 4,895 hours of CE credit.

**Summary Comparison**

Overall, one thousand one hundred and fifty-five (1,155) pharmacists completed live, home correspondence, or nontraditional CE programs totaling fifteen thousand eight hundred seventy-six (15,876) hours of CE.


The CE program and the college thank these organizations for their support.
Pharmacy Community Outreach
College presents cholesterol program

Drs. Barbara Adamcik and Catherine Heyneman, with students Deborah Burr and Ben Nichols, from ISU’s College of Pharmacy held the first Community Outreach: The Impact of Cholesterol on Your Health this past March. The outreach included a cholesterol education, screening, and counseling program, supervised by college faculty and licensed pharmacists, and conducted by pharmacy students in fulfillment of the requirements of an elective, third-year course, Community Outreach in Pharmaceutical Care.

“This course is designed to instruct and provide experience in meeting the community’s needs for health and medication-related information while serving as practical experience for students within an academic setting,” stated Adamcik, professor of pharmacy practice and administrative sciences and course advisor. “These students will shortly be in an off-campus clerkship setting; however, we would like to introduce them to community outreach prior to their formal community service,” added Heyneman, assistant professor of pharmacy practice and administrative sciences, licensed pharmacist, and student supervisor.

Individual follow-up visits were conducted with participants to present and interpret results from the cholesterol profile.

“For a first-time offering, we were really pleased with the quality of the program,” stated Burr, presenter and third-year pharmacy student.

Vanessa Duncan Receives Award

Vanessa Duncan, Pocatello, Ida., is an Idaho State University student in her final year of study towards her doctor of pharmacy degree and an intern at the Chubbuck, Ida., Wal-Mart Pharmacy. Kris Wilson is a 1993 College of Pharmacy alumnae and Duncan’s supervisor. The women were two of four individuals invited as honored guests to the 1999 International Annual Stockholders Meeting of Wal-Mart Stores, Inc., by Wal-Mart CEO Tom Coughlin. The meeting was held in June in Arkansas.

Before 20,000 attendees, Duncan was recognized for a four-minute, educational, in-store video she developed, under the tutelage of Wilson, for Wal-Mart customers that discussed cost-effective, over-the-counter seasonal allergy relief with Wal-Mart Chlortabs. A clip from the video was shown to the attendees and, unknown to her until that moment, Duncan was presented with a Sam Walton Award of Excellence. Named after the company’s founder, this award is given to an associate or intern who exemplifies the company’s three basic beliefs: respect for the individual, service to customers, and striving for excellence. Duncan was the first intern the company has recognized with this award.

“I had no idea that I would be receiving an award for the video, let alone in front of 20,000 people that included celebrities Richard Simmons, Alex Trebec, and Cathy Lee Gifford,” Duncan commented. “While we were in Arkansas, we were taken on a tour of Wal-Mart’s home office and introduced to the president and vice president of pharmacy operations,” she added. “When they asked me why I made the video, I told them that I wanted to help our local community understand that pharmacists are more than the products they sell. They are a wealth of available information and a health-care resource to the communities they serve,” she added.

Duncan is a member of the South Eastern Idaho Pharmacist Association and the ISU student chapter of the American Society of Health-System Pharmacists. In September, Duncan traveled to New Zealand where she completed pharmaceutical care rotations in various community and hospital settings around the country where she was born and still has family.

“Rotations have given me an appreciation for all the different areas of pharmacy practice, but I really enjoy community pharmacy at this time. I have been an intern at Wal-Mart for three years while attending ISU, and they have taught me an incredible amount about the profession. I am truly indebted to them for their mentoring and support,” she commented. Duncan will graduate from ISU in May 2000.
Externship Sites and Site Coordinators

Albertson’s Pharmacy #157, Michelle Feldman, R.Ph., Boise, ID
Albertson’s Pharmacy #159, Sandy Aschenbrenner, R.Ph., Pocatello, ID
Apothecary Medical Center Pharmacy, George Awad, R.Ph., Chula Vista, CA
Arlington Clinical Homecare, Doug Scofous, R.Ph., Reno, NV
Bob’s Pharmacy, Bob Newsom, R.Ph., Pocatello, ID
Chateau Drug, Monte Straley, R.Ph., Ketchum, ID
Ed Snell’s Pharmacy Shop, Ed Snell, R.Ph., Pocatello, ID
Family Pharmacy Services, Jim Wells, R.Ph., Front Royal, VA
Fred Meyer Pharmacy, Terry Nelson, R.Ph., Garden City, ID
Fred Meyer Pharmacy, Mike Sanders, R.Ph., Pocatello, ID
Gorman IGA Pharmacy, Tracy Schneider, R.Ph., Blackfoot, ID
Hi School Pharmacy, Byron Henry, Pharm.D., Vancouver, WA
Idaho State University Student Health Center, Jeanette Wiegard, Pharm.D., Pocatello, ID
Idaho Board of Pharmacy, Jan Atkinson, Boise, ID
Jack’s Pharmacy, Chad Brown, Pharm.D., St. Maries, ID
Jones Pharmacy, Linda Garrelts, R.Ph., Spokane, WA
K-Mart Pharmacy, Douglas Fleming, R.Ph., Pocatello, ID
Kurt’s Pharmacy, Kurt Hefner, R.Ph., Twin Falls, ID
Lost River Drug, Diana Nielson, R.Ph., Arco, ID
Max Pharmacy, Gordon Milford, R.Ph., Boise, ID
McCall Drug, Mike McGee, R.Ph., McCall, ID
Medicine Man North Prairie Pharmacy, Barry Feely, R.Ph., Hayden, ID
Medicine Man West Pharmacy, Don Smith, R.Ph., Post Falls, ID
Medicine Shoppe, Kent Jensen, Pharm.D., Twin Falls, ID
Medicine Shoppe, Kirk Wentworth, R.Ph., Carson City, NV
Mercy Medical Center, Mark Hofstetter, R.Ph., Nampa, ID
Mountain Home Airforce Base, Cpt. Ron Stumbo, Mountain Home, ID
Not-Tsoo-Gah-Nee Pharmacy, Tom Troshynski, Pharm.D., Fort Hall, ID
Pharmaceutical and Diagnostic Service, Bill Baker, R.Ph., Salt Lake City, UT
Prescription Center Mixes, Gary Pullen, R.Ph., Idaho Falls, ID
Prescription Center Homecare, Gary Pullen, R.Ph., Idaho Falls, ID
Preston Drug, Craig Haslum, R.Ph., Preston, ID
Professional Center Pharmacy, Howard Green, R.Ph., Reno, NV
Reddish Pharmacy, Ed Reddish, R.Ph., Nampa, ID
Rite Aid Pharmacy, Brent Bastian, R.Ph., Logan, UT
Rite Aid #5414, Frank Casabonne, R.Ph., Boise, ID
Rite Aid Pharmacy #4136, David Goldstein, R.Ph., San Diego, CA
Rockland Pharmacy, Rod Tucker, R.Ph., American Falls, ID
ShopKo Pharmacy, Richard Romer, R.Ph., Twin Falls, ID
Silverada Pharmacy, Larry Pinson, Pharm.D., Reno, NV
Smith’s Food & Drug, Bruce Bilodeau, R.Ph., Salt Lake City, UT
Super Save Discount Drug, Lorri Gebo-Shaver, Pharm.D., Pocatello, ID
Teton Clinical Pharmacy, Ty Swensen, Pharm.D., Idaho Falls, ID
Total Home Care of Nevada, Emerald Foster, Pharm.D., Las Vegas, NV
Village East Drugs, Scott Silber, R.Ph., Las Vegas, NV
Village East Drugs, Richard Nicolas, Pharm.D., Las Vegas, NV
Walgreen Pharmacy, Pam Huntoon, Pharm.D., Bullhead City, AZ
Walgreen Pharmacy, Jill Pierce, R.Ph., Las Vegas, NV
WalMart Pharmacy, Dallen Fisher, R.Ph., Burley, ID
WalMart Pharmacy, Kristina Wilson, Pharm.D., Chubbuck, ID

**Clerkship Sites and Preceptors**

- Bannock Regional Medical Center, Marilyn Silcock, Pharm.D., Pocatello, ID
- Boise Veterans Affairs Medical Center, Sandra Jue, Pharm.D., Boise, ID
- Boise Veterans Affairs Medical Center, Jan Poreba, Pharm.D., Boise, ID
- Boise Veterans Affairs Medical Center, Karl Madaras-Kelly, Pharm.D., Boise, ID
- Boise Veterans Affairs Medical Center, Barbara Mason, Pharm.D., Boise, ID
- Boise Veterans Affairs Medical Center, Rex Lott, Pharm.D., Boise, ID
- Columbia Eastern Idaho Regional Medical Center, Matt Young, Pharm.D., Idaho Falls, ID
- Cottonwood Hospital Medical Center, Larry Mellor, R.Ph., Murray, UT
- Family Practice Group, Cara Liday, Pharm.D., Pocatello, ID
- Family Practice Medical Center, Roger Hefflinger, Pharm.D., Boise, ID
- Fort Hall Indian Health Service, Tom Troshynski, Pharm.D., Fort Hall, ID
- Franklin County Medical Center, Kim Allen, R.Ph., Preston, ID
- Idaho Drug Information Service, Jan Beckwith, Pharm.D., Pocatello, ID
- ISU College of Pharmacy, Vaughn L. Culbertson, Pharm.D., Pocatello, ID
- ISU College of Pharmacy, Chris Daniels, Pharm.D., Pocatello, ID
- ISU College of Pharmacy, Eric Jarvi, Pharm.D., Pocatello, ID
- ISU College of Pharmacy, James Lai, Ph.D., Pocatello, ID
- ISU College of Pharmacy, Thomas LaHann, Pharm.D., Pocatello, ID
- ISU College of Pharmacy, Barbara Adamcik, Pharm.D., Pocatello, ID
- ISU College of Pharmacy, Anna Ratka, Pharm.D., Pocatello, ID
- ISU Family Medicine Clinic, Rex Force, Pharm.D., Pocatello, ID
- Idaho Veterans Affairs Nursing Home, Richard Rhodes, Pharm.D., Pocatello, ID
- Magic Valley Regional Medical Center, Ed Fuchs, Pharm.D., Twin Falls, ID
- Mercy Hospital & Medical Center, Robert Pachorek, Pharm.D., San Diego, CA
- Naval Medical Center, Margaret Cording, R.Ph., San Diego, CA
- Naval Medical Center, Mike Lovetro, R.Ph., San Diego, CA
- Naval Medical Center, Rheta Sandoval, Pharm.D., San Diego, CA
- Naval Medical Center, Edith Lee, Pharm.D., San Diego, CA
- Naval Medical Center, Natalie Semaan, Pharm.D., San Diego, CA
- Naval Medical Center, Ken McAndrews, Pharm.D., San Diego, CA
- Nevada Mental Health Institute, John Warren, Pharm.D., Sparks, NV
- Pocatello Children & Adolescent Clinic, John Erramouspe, Pharm.D., Pocatello, ID
- Pocatello Regional Medical Center, Paul Driver, Pharm.D., Pocatello, ID
- Pocatello Regional Medical Center, Larry Munkelt, Pharm.D., Pocatello, ID
- Reno Veterans Affairs Medical Center, Jan Carmichael, Pharm.D., Reno, NV
- Reno Veterans Affairs Medical Center, Michael Stander, Pharm.D., Reno, NV
- Reno Veterans Affairs Medical Center, Susanne Thornley, Pharm.D., Reno, NV
- Reno Veterans Affairs Medical Center, Beth Foster, Pharm.D., Reno, NV
- Reno Veterans Affairs Medical Center, Bob Jacobs, Pharm.D., Reno, NV
- Reno Veterans Affairs Medical Center, Linda Clifford, Pharm.D., Reno, NV
- St. Alphonsus Regional Medical Center, Catherine Hitt, Pharm.D., Boise, ID
St. Alphonsus Regional Medical Center, Jeffery Boyd, Pharm.D., Boise, ID
St. Alphonsus Regional Medical Center, Jim Byron, R.Ph., Boise, ID
St. Alphonsus Regional Medical Center, Todd Montross, Pharm.D., Boise, ID
St. Luke’s Regional Medical Center, Catherine Gundlach, Pharm.D., Boise, ID
Southeast Idaho Veteran Affairs Ambulatory Clinic, Frederica Gould, M.S., Pocatello, ID
Southern Idaho Medical Group, Dennis Sawyer, Pharm.D., Twin Falls, ID
Southern Nevada Adult Mental Health Service, Emmanuel Ebo, R.Ph., Las Vegas, NV
State Hospital South, Steve Hurley, Pharm.D., Blackfoot, ID
University of Nevada Medical Center, Wendy Cantrell, Pharm.D., Las Vegas, NV
University of Nevada Medical Center, Shannon Coonce, Pharm.D., Las Vegas, NV
University of Nevada Medical Center, Gail Sieren, Pharm.D., Las Vegas, NV
University of Nevada Medical Center, Mary Staples, R.Ph., Las Vegas, NV
University of Nevada Medical Center, Don Frisch, Pharm.D., Las Vegas, NV
University of Nevada Medical Center, Dennis Fuller, Pharm.D., Las Vegas, NV
University of Nevada Medical Center, Lori Isaacs, MHA, Las Vegas, NV
Washoe Medical Center, Jerry Clifford, Pharm.D., Reno, NV
Washoe Medical Center, Robert Fox, Pharm.D., Reno, NV
Washoe Medical Center, Bryon Pinson, Pharm.D., Reno, NV
Washoe Medical Center, Jeff Monaghan, Pharm.D., Reno, NV
Washoe Medical Center, Mike Stander, Pharm.D., Reno, NV
Washoe Medical Center, George Barret, R.Ph., Reno, NV
Washoe Medical Center, Debbie McKee, Pharm.D., Reno, NV
West Valley Medical Center, C. Taylor, Director, Caldwell, ID
Western State Hospital, Mark Underwood, Pharm.D., Tacoma, WA
Department of Pharmaceutical Sciences

The 1998-99 year continued the Department of Pharmaceutical Sciences’ commitment to the highest quality of teaching combined with renewed efforts to strengthen research. In concert with the department’s goals and objectives, three new faculty members, Drs. Alok Bhushan, Sudip Das, and Leslie Devaud arrived on campus in the Fall. These three new faculty add teaching and research expertise in the areas of cancer biology and pharmacology, the pharmaceutics of drug delivery systems, and gender differences in alcohol tolerance and physical dependence, respectively. To support our basic science research efforts, the faculty must actively engage in the intense national competition for research funding, a significant challenge for faculty at ISU. With respect to research funding, Department of Pharmaceutical Sciences faculty submitted over $2.9 million in research grants to various funding agencies such as the NIH and NSF, the Burroughs Wellcome Fund, AACP, other private funding organizations, several pharmaceutical companies, and ISU institutional research funding. In FY98-99, total department research funding increased to over $609,000 from all sources. The department faculty also had 24 research manuscripts submitted, accepted or published during this period of time.

Drs. Jarvi and Wilson led a major departmental effort to revamp the graduate program to reflect the new make-up of the department faculty. The department faculty established a new set of graduate objectives and rewrote the graduate student guidelines document, the graduate curriculum, and courses. The objectives of the new program encompass the broad training of Ph.D. pharmaceutical scientists, and includes a strong component emphasizing critical thinking plus oral and written communication skills.

The department faculty, in concert with the teaching mission of the University and College, were very busy teaching courses at the undergraduate, graduate and professional program level (see Appendix II). In addition to the courses traditionally taught in the Pharm.D. program, the department faculty also taught 34 credit hours over 14 sections of service courses to other health professions programs in locations including Pocatello, Lewiston, Twin Falls, Boise, and Idaho Falls. As a highlight to the year’s teaching efforts, Dr. Jim Lai was named as the recipient of the 1999 ISU Distinguished Teacher award.

In the area of committee service, it is evident that the faculty are extremely busy (see Appendix II), far beyond their customary teaching responsibilities. Finally, department faculty serve on a number of College and University committees. Each member of the department deserves recognition for their individual contributions. Their accomplishments are truly remarkable and certainly bring a strong sense of pride and recognition to the College and University as well. Again, highlighting this last year’s service efforts, Dr. Eric Jarvi was recognized with one of ISU’s Outstanding Public Service awards.

The department has continued recruiting efforts to fill vacated positions in pharmaceutics and medicinal chemistry. Joining the department in Fall 1999, were Dr. Nandita G. Das (pharmaceutics) and Dr. Adeboye Adejare (medicinal chemistry). Dr. Das received her bachelor’s and master’s degrees in pharmacy from Banaras Hindu University in India and her Ph.D. in Pharmaceutics from University of Pittsburgh, PA. Dr. Adejare received both his bachelor’s and master’s degrees in chemistry from the University of Iowa and completed his Ph.D. in medicinal chemistry at the College of Pharmacy at Ohio State University. He joins ISU College of Pharmacy after six years as an assistant professor with the School of Pharmacy at the University of Missouri – Kansas City.

This next year will be an exciting one for the Department. We have five new faculty and all members of the department will be working to ensure their success. The department is developing a renewed enthusiasm for research, establishing essential research collaborations within the college, across campus and nationwide. These efforts will continue to enhance the visibility and prestige of the department, the college, and the university.
Wheeler Receives Professional Achievement Award

Ralph “Moon” Wheeler, Jr., ’54, of American Falls, Ida., was one of seven Idaho State University alumni honored at commencement with Professional Achievement Awards.

Wheeler received a bachelor’s degree in pharmacy in 1954. After graduation, he returned to his hometown, American Falls, to manage Rockland Pharmacy. He ran the business for 34 years and oversaw two expansions before he retired in 1988. He is now serving his third term in the Idaho Senate, where he is vice chair of the Local Government and Taxation Committee and a member of the Health and Welfare Committee. He served in the state House of Representatives, 1972-76, and was American Falls’ mayor, 1964-72, city councilman, 1957-64, and Power County commissioner, 1983-94.

Wheeler has received numerous honors and performed considerable public service in both his professions. He was the 1972 Idaho Pharmacist of the Year, received the 1983 A.H. Robbins National Pharmaceutical Award, and is a past president of the Idaho Pharmaceutical Association. He was named Idaho’s Outstanding New Legislator in 1974 by Rutgers University and is past legislative chair of the Idaho Association of Counties.

He continues to serve ISU. He is a member of the College of Pharmacy Dean’s Advisory Council and also a Bengal Foundation member. He was on the university’s alumni board of directors, and contributes to many ISU activities. He and his wife, Ann, have four children, Vickie Smith, Jodi Carlson, Clark Wheeler, and Ryan Wheeler.

Homecoming Reunion & Building Dedication

On October 17, 1998, the College of Pharmacy faculty and staff, alumni, special guests, and students celebrated the completion of the Leonard Hall Building Addition. The activities began with an exhibition, in the main hallway, of faculty research displays and the opportunity to meet the research faculty.

The formal dedication ceremony followed and was held in the multimedia classroom of the new addition. Special guest speaker was 1998 College of Pharmacy Professional Achievement Award recipient Neil Griggs, ’70. After the ceremony, members of the College of Pharmacy’s student fraternity, Phi Delta Chi, gave tours of the addition and introduced guests to faculty and staff that presented displays of the college’s various educational and special programs.

One highlight of the tour that was a particular favorite: helping alumni locate their graduation class photos, which are hung throughout the pharmacy building. The dedication activities concluded with celebration cake and punch in the student study laboratory.

The building dedication concluded in time for alumni and guests to attend the Eastern Washington - ISU Bengals Homecoming football game.

Later that evening, a Pharmacy Homecoming Alumni Reunion Gathering and Reception followed by an Alumni Reunion Buffet Supper was held at Pocatello’s Quality Inn. Approximately 70 alumni, from Pocatello, Ida., to as far away as Scotia, Calif., participated in the building dedication and reunion.
The Year in Giving

The College of Pharmacy is fortunate to have outstanding alumni whose on-going support of the facilities, equipment, scholarships, and programs enable us to be one of the best pharmacy programs in the United States.

Below are a few highlights, trends and special announcements.

First, let me share the highlights:
• Academic Year 1999-2000 scholarship support provided by alumni and other private sources, and awarded by the College of Pharmacy, assisted 56 of the 200 Pharm.D. students with scholarships ranging from $274 to $3,606 per year;
• The most successful ISU Pharmacy Phonathon ever was held in March 1999 and gifts totaling over $40,000 were pledged to support the College’s programs, scholarships and operations; and
• More alumni have chosen to provide for the College in their wills and trusts.

Second, let me share the trends:
• Individuals rather than companies support the College most through their gifts. Over 71 percent of all the gifts to the College come from individuals; matching gifts, expendable scholarships, and continuing education support are the primary means of support by companies;
• Scholarship support is extremely important to our alumni donors. Scholarship support from companies is primarily “expendable” in the form of one-time or annual scholarship support; and

Third, let me share the special announcements:
• Sidney Sly (’52) established a second scholarship endowment in recognition of his and his deceased wife Hetty’s tenure at ISU; and
• Families including Broyles and Sumida (’45) have shown their support of the College through generous gifts to endowments. Almost $40,000 was contributed by many alumni and matching gift companies toward various scholarship and special endowments this year.

You as an alumnus are vitally important to the continuing success of the College. Thank you so much for your ongoing commitment to excellence in pharmacy education.

- Dean Barbara G. Wells

Pharmacy Endowment

(Market Balance as of June 1999)

<table>
<thead>
<tr>
<th>Scholarship Endowment</th>
<th>Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td>John O. &amp; Ester L. Wallace Endowment</td>
<td>$ 5,646,367.26</td>
</tr>
<tr>
<td>Reed B. Peterson Faculty Development Endowment</td>
<td>$ 96,769.78</td>
</tr>
<tr>
<td>Paul &amp; Eleanor Loscalzo Scholarship Endowment</td>
<td>$ 77,319.67</td>
</tr>
<tr>
<td>Lane Alan Broyles Scholarship Endowment</td>
<td>$ 74,833.71</td>
</tr>
<tr>
<td>Sidney L. &amp; Hetty H. Sly Endowment</td>
<td>$ 65,032.81</td>
</tr>
<tr>
<td>Dr. Claudia Senekowitsch Memorial Fellowship</td>
<td>$ 64,604.76</td>
</tr>
<tr>
<td>Pharmacists’ Memorial Endowment</td>
<td>$ 50,864.61</td>
</tr>
<tr>
<td>Grey Charitable Foundation Scholarship</td>
<td>$ 34,301.10</td>
</tr>
<tr>
<td>Judith Marie Bernat Memorial Scholarship Endowment</td>
<td>$ 32,316.28</td>
</tr>
<tr>
<td>Dean Emeritus Frank P. Cosgrove Scholarship Endowment</td>
<td>$ 28,185.93</td>
</tr>
<tr>
<td>Roy Y. &amp; Linda Sumida Scholarship Endowment</td>
<td>$ 26,437.60</td>
</tr>
<tr>
<td>EIRMC Auxiliary Pharmacy Scholarship Endowment</td>
<td>$ 20,532.76</td>
</tr>
<tr>
<td>Richard M. &amp; Barbara G. Wells Scholarship Endowment</td>
<td>$ 17,917.52</td>
</tr>
<tr>
<td>Lucille H. Kingsbury Memorial Scholarship Endowment</td>
<td>$ 15,467.24</td>
</tr>
<tr>
<td>Gordon R. Klotd Memorial Scholarship Endowment</td>
<td>$ 15,248.64</td>
</tr>
<tr>
<td>Guy Curtis Waid Memorial Scholarship Endowment</td>
<td>$ 14,685.98</td>
</tr>
<tr>
<td>Robert L. &amp; “Bill” Dixon Memorial Scholarship Endowment</td>
<td>$ 13,200.57</td>
</tr>
<tr>
<td>Jeanette Low Pharmacy Scholarship Endowment</td>
<td>$ 6,596.81</td>
</tr>
</tbody>
</table>

Total Pharmacy Endowment $ 6,300,683.03
Making a Difference to the Future of Pharmacy

The College of Pharmacy is truly fortunate to have the personal and financial support of many alumni and friends as we continue to prepare leaders in pharmacy. The financial support of these generous individuals and organizations provides support for student needs, scholarships, computer and laboratory equipment, the Greatest Need Fund, and many other programs. The college is pleased to formally acknowledge, with our greatest appreciation, the following gifts as received by the ISU Foundation (keeper of the official giving records) between July 1, 1998, and June 30, 1999*. Giving societies were based only on contributions to Pharmacy during this period. Every effort is made to ensure accuracy, but errors or omissions may have occurred. Please bring any such errors to the attention of the college at 208-236-2175.

*Some June gifts were officially recorded in July. These gifts will be reported during the next fiscal year.

Alumni & Friends

Garnet Society
$10,000 - 24,999
Neal & Dorothy Broyles

Jade Society
$5,000 - 9,999
Roy & Linda Sumida
Barbara & Richard Wells

Quartz Society
$1,000 - 4,999
Shahriar Afshar
Donald Leonard
Ara & Shirley Paul
Harold Scott
Sidney Sly
Richard Thorne

Circle of 500
$500 - 999
Carl & Laura Ching
Stan & Cathy Lee
Colleen Muelchi

Silver Society
$250 - 499
Bruce & Yvonna Christensen
Chris & Alice Daniels
James & Marilyn Davison
Robert & Christine Fischer
David & Florence Fong
Richard & Mary Fuchs
Denice Fujimoto
Garth & Dianne Holmes
Eric & Jane Jarvi
Michael Narine
James & Virginia Spafford
Gary & Judith Tauscher
Nicholas & Sophia Tsai
Robert & Lynn Tyler
Lawrence & Debra Updyke
Tim & Carol Westby
Kevin & Janet Westendorf

Portneuf Society
$100 - 249
Angela Aldrich
James & Beth Alexander
Harold & Dorothy Allsop
Ronald & Jo Alm
Lynn & Florence Anderson
John & Sandra Anderson
Raedell Ashley
Dale Barker
Duncan & Sherry Bell
Charles Berry
Jack & Eva Bishop
Paula Blair
Marion & Ben Bowen
Perry & Gerry Brown
Roger & Linda Burcham
Ronald & Beverly Carpenter
David & Joanne Chan
Kuang Hua Chang
John Chelmes
Joseph & Pearl Chen
Michael & Dawn Cheslock
Christopher Cheung
Randal & Karen Chow
Stan & Evelyn Chun
Catherine Cochran
Brent Cornell
Darce Daniels
Robert & Lila Deklutz
Kyle Denanagel
Dana Diedrich
Dorothy Dixon
Ernest & Kathy Dokimos
Milo & Yvonne Draper
Elizabeth & Mitchell Dremann
William & Patricia Dugoni
Wendell & Alice Dunn
William Eames
Nicolas & Ann Economie
Barry & Jan Feely
Philip & Marna Ferreira
Michael & Mary Fox
Patricia & Brad Fraser
John Gates
Marcus & Bonnie Gibbs
Verlin & Ella Gingerich
Steven & Becky Hadlock
Dale & Gloria Hand
Brett & Kristi Haney
Parry & Lenore Harrison
Merrill & Marguerite Hatch
Roger Hefflinger
Kurt & Karen Hefner
Vern & Margaret Herzog
Ira & Norma Hilliard
Samuel & Kari Hoagland
David & Nancy Holt
Scott & Deann Huft
James Hunter
Glen Johnson
Neil & Mary Kikuchi
Robin & Ann Kinsey
Shawna & Gregory Kitzridge
Spencer Klaassen
Jack & Jennifer Kulm
Milton & Karen Kutsuresis
James & Gayle Laulett
Dean & Doris Lee
Dennis & Heidi McKinley
Gary & Kathleen Meadows
Emil & Susanne Meurer
Val & Jean Middleton
Steven & Joanne Milot
Susan Morgan
Wendel & Karen Nelson
David & Claudia Nelson
Mai & Hinh Nghiem
Cam Hoan Nguyen
Richard & Wendi Nicholas
Taylor & Sheila Nielson
C Richard Nixon
Felix Nordyke
Rodney O’Gorman
Vernon & Madeline Patrick
Robert Patterson
Ellen Plein
David & Darlene Price
Gary & Stacy Pullen
Kent & Cynthia Quickstad
Anna Ratka
Gary & Victoria Revello
Scott Roach
Alfred & Mary Runge
Lorri & Tori Shaver
Robert Siemer
Kathie & Donald Smith
Ralph & Betty Smith
Edward Snell
Mary-Elizabeth Stanton
Robert & Shawnna Stockton
Timothy & Suzanne Stratton
Gordon & Betty Strazzo
Kenneth Sue
Clarence & Kyoko Tanaka
John & Karen Tilley
Larry Valero
Cindy & Duwayne Walker
Robert & Chrystine Wheatley
Moon & Ann Wheeler
Nancy & William White
Lynne Williams
Colleen Wilson
Adrian Wong
Sidney Silk-Yee Wong
Deborah Yee
Lap Tak Yu

Investors
$1 - 99
Louis Achey
Bernhard Achter
David Adler
Marcela Aguilar
Victor Floyd Allen
Dean & Jacqueline Andersen
Basil & Norene Andersen
Ray & Ruth Anderson
Elvin Andrade
Lynn & Barbara Archibald
Robert & Dia Ashley
Kimberly Astorino-Deyoun
Helen Auneimer
Sarah & Thomas Balben
Grant Ballam
Ralph & Nancy Ballard
Kendall & Laura Ballard
Bruce Barnes
William & Carol Barr
Ralph & Lavanne Bartschi
Thomas Bass
Jack & Lolita Beall
Douglas & Stella Beckstead
Frank & Helen Beckstrom
James & Marsha Bee
Amber & Todd Bell
David & Sharon Bendahan
Craig Berntson
David Bestendale
Stephen & Jane Beyer
Abraham & Linda Bidaki
Tracy & John Biggeman
e Michael & Sarah Bledsoe
Walter & Carol Bolling
Steven Borden
Albert & Lux Bouvier
Roger & Patricia Bovey
John & Susan Brennecke
Chad & Lisa Brown
James & Mary Brown
Ralph & Orine Bryschoen
Michael & Kaydeen Burkett
Dean & Marjorie Bush
Bill Butcher
Paul & Merriann Cady
Larry & Carolyn Calkins
David Callie
Donald & Jane Cameron
Kelly & Sandra Carpenter
Kerry & Deanne Casperson
Dick Chang
Jeanne Chew
Sin Childs
Alan Chin
Nico Chopski
Irvin & Linda Christensen
Robert & Debra Christian
Corson & Rosario Collet
James & Shirley Collier
Lynn & Jesse Coltrin
Vincent Colucci
Dwight & Kathleen Comstock
Susan & Claude Connelly
Lynn & Alta Crawford
Robert Crothers
James Culley
Victor & Sheri Curtis
Kent & Dixie Cutforth
Marvin & Jill Damschen
Lea & Vernon Davidson
Gary & Barbara Dawson
Dave & Cynthia Della Zoppa
# The Class of 1999

The College of Pharmacy graduated the following students during academic year 1998-99. The Class of 1999 includes graduates from summer 1998, winter 1998, and spring 1999. Welcome, with us, these new graduates to the pharmacy profession.

## Traditional Pharm.D. Program

<table>
<thead>
<tr>
<th>Name</th>
<th>Honors</th>
<th>Degree Title</th>
<th>Honors</th>
<th>Degree Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert J. Isaak</td>
<td></td>
<td>Traditional Pharm.D.</td>
<td></td>
<td>Traditional Pharm.D.</td>
</tr>
<tr>
<td>Kenneth M. Jarman**</td>
<td></td>
<td>Traditional Pharm.D.</td>
<td></td>
<td>Traditional Pharm.D.</td>
</tr>
<tr>
<td>Teresa K. Leberknight</td>
<td></td>
<td>Traditional Pharm.D.</td>
<td></td>
<td>Traditional Pharm.D.</td>
</tr>
<tr>
<td>James C. Lewis</td>
<td></td>
<td>Traditional Pharm.D.</td>
<td></td>
<td>Traditional Pharm.D.</td>
</tr>
<tr>
<td>Jennifer L. Lindstrom*</td>
<td></td>
<td>Traditional Pharm.D.</td>
<td></td>
<td>Traditional Pharm.D.</td>
</tr>
<tr>
<td>Debbie K. Marchetti</td>
<td></td>
<td>Traditional Pharm.D.</td>
<td></td>
<td>Traditional Pharm.D.</td>
</tr>
<tr>
<td>Julie K. Marler**</td>
<td></td>
<td>Traditional Pharm.D.</td>
<td></td>
<td>Traditional Pharm.D.</td>
</tr>
<tr>
<td>Daniel S. Marshall</td>
<td></td>
<td>Traditional Pharm.D.</td>
<td></td>
<td>Traditional Pharm.D.</td>
</tr>
<tr>
<td>Gary L. McOmber*</td>
<td></td>
<td>Traditional Pharm.D.</td>
<td></td>
<td>Traditional Pharm.D.</td>
</tr>
<tr>
<td>Angela D. Meeker</td>
<td></td>
<td>Traditional Pharm.D.</td>
<td></td>
<td>Traditional Pharm.D.</td>
</tr>
<tr>
<td>Chinh C. Nguyen</td>
<td></td>
<td>Traditional Pharm.D.</td>
<td></td>
<td>Traditional Pharm.D.</td>
</tr>
<tr>
<td>David J. Peterson</td>
<td></td>
<td>Traditional Pharm.D.</td>
<td></td>
<td>Traditional Pharm.D.</td>
</tr>
<tr>
<td>Chanty Pin</td>
<td></td>
<td>Traditional Pharm.D.</td>
<td></td>
<td>Traditional Pharm.D.</td>
</tr>
<tr>
<td>Jonathan C. Ray</td>
<td></td>
<td>Traditional Pharm.D.</td>
<td></td>
<td>Traditional Pharm.D.</td>
</tr>
<tr>
<td>Dallin C. Richardson</td>
<td></td>
<td>Traditional Pharm.D.</td>
<td></td>
<td>Traditional Pharm.D.</td>
</tr>
<tr>
<td>Anthony S. Ruud</td>
<td></td>
<td>Traditional Pharm.D.</td>
<td></td>
<td>Traditional Pharm.D.</td>
</tr>
<tr>
<td>Ellen P. Schulz</td>
<td></td>
<td>Traditional Pharm.D.</td>
<td></td>
<td>Traditional Pharm.D.</td>
</tr>
<tr>
<td>Christopher J. Shea</td>
<td></td>
<td>Traditional Pharm.D.</td>
<td></td>
<td>Traditional Pharm.D.</td>
</tr>
<tr>
<td>Dean R. Smith</td>
<td></td>
<td>Traditional Pharm.D.</td>
<td></td>
<td>Traditional Pharm.D.</td>
</tr>
</tbody>
</table>

## Non-Traditional Pharm.D. Program

### August 1998 Graduates

<table>
<thead>
<tr>
<th>Name</th>
<th>Honors</th>
<th>Degree Title</th>
<th>Honors</th>
<th>Degree Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lisa Adamich, Tampa, FL</td>
<td></td>
<td>August 1998 Graduates</td>
<td></td>
<td>August 1998 Graduates</td>
</tr>
<tr>
<td>Steve Beyer, Bay City, MI*</td>
<td></td>
<td>August 1998 Graduates</td>
<td></td>
<td>August 1998 Graduates</td>
</tr>
<tr>
<td>Pam Donovan, Fenton, MI</td>
<td></td>
<td>August 1998 Graduates</td>
<td></td>
<td>August 1998 Graduates</td>
</tr>
<tr>
<td>Jim O’Neil, Bridgewater, MA**</td>
<td></td>
<td>August 1998 Graduates</td>
<td></td>
<td>August 1998 Graduates</td>
</tr>
<tr>
<td>Faye Owens, New Palestine, IN</td>
<td></td>
<td>August 1998 Graduates</td>
<td></td>
<td>August 1998 Graduates</td>
</tr>
<tr>
<td>Sunil Wadhwani, Spokane, WA</td>
<td></td>
<td>August 1998 Graduates</td>
<td></td>
<td>August 1998 Graduates</td>
</tr>
</tbody>
</table>

### December 1998 Graduates

<table>
<thead>
<tr>
<th>Name</th>
<th>Honors</th>
<th>Degree Title</th>
<th>Honors</th>
<th>Degree Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emily Alexander, Glenrose, TX*</td>
<td></td>
<td>December 1998 Graduates</td>
<td></td>
<td>December 1998 Graduates</td>
</tr>
<tr>
<td>Randy Burden, Santa Fe, NM</td>
<td></td>
<td>December 1998 Graduates</td>
<td></td>
<td>December 1998 Graduates</td>
</tr>
<tr>
<td>Margaret Cording, San Diego, CA*</td>
<td></td>
<td>December 1998 Graduates</td>
<td></td>
<td>December 1998 Graduates</td>
</tr>
<tr>
<td>Brent Cornell, Caldwell, ID*</td>
<td></td>
<td>December 1998 Graduates</td>
<td></td>
<td>December 1998 Graduates</td>
</tr>
<tr>
<td>Stephanie Peshek, Solon, OH</td>
<td></td>
<td>December 1998 Graduates</td>
<td></td>
<td>December 1998 Graduates</td>
</tr>
</tbody>
</table>

### May 1999 Graduates

<table>
<thead>
<tr>
<th>Name</th>
<th>Honors</th>
<th>Degree Title</th>
<th>Honors</th>
<th>Degree Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>David Brown, Ludow, MA</td>
<td></td>
<td>May 1999 Graduates</td>
<td></td>
<td>May 1999 Graduates</td>
</tr>
<tr>
<td>Emmanuel Ebo, Las Vegas, NV</td>
<td></td>
<td>May 1999 Graduates</td>
<td></td>
<td>May 1999 Graduates</td>
</tr>
<tr>
<td>Michelle Henke, Bedford, TX</td>
<td></td>
<td>May 1999 Graduates</td>
<td></td>
<td>May 1999 Graduates</td>
</tr>
<tr>
<td>Klugh Kennedy, Savannah, GA</td>
<td></td>
<td>May 1999 Graduates</td>
<td></td>
<td>May 1999 Graduates</td>
</tr>
<tr>
<td>Karen Laster, Joplin, MO</td>
<td></td>
<td>May 1999 Graduates</td>
<td></td>
<td>May 1999 Graduates</td>
</tr>
<tr>
<td>Joy Palathinkal, New Hydepark, NY</td>
<td></td>
<td>May 1999 Graduates</td>
<td></td>
<td>May 1999 Graduates</td>
</tr>
<tr>
<td>Richard Piazza, Hasbrouk Heights, NJ</td>
<td></td>
<td>May 1999 Graduates</td>
<td></td>
<td>May 1999 Graduates</td>
</tr>
</tbody>
</table>

### Masters Degrees

<table>
<thead>
<tr>
<th>Name</th>
<th>Honors</th>
<th>Degree Title</th>
<th>Honors</th>
<th>Degree Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kalind V. Pradhan, M.S., Pocatello, ID</td>
<td></td>
<td>Masters Degrees</td>
<td></td>
<td>Masters Degrees</td>
</tr>
<tr>
<td>Qi Zhao, M.S., Ontario, Canada</td>
<td></td>
<td>Masters Degrees</td>
<td></td>
<td>Masters Degrees</td>
</tr>
</tbody>
</table>

### Doctor of Philosophy Degree

<table>
<thead>
<tr>
<th>Name</th>
<th>Honors</th>
<th>Degree Title</th>
<th>Honors</th>
<th>Degree Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Renee Bunde, Ph.D., Pocatello, ID</td>
<td></td>
<td>Doctor of Philosophy Degree</td>
<td></td>
<td>Doctor of Philosophy Degree</td>
</tr>
</tbody>
</table>

* Honors
** High Honors
Graduates Recognized

The College of Pharmacy honored the following graduates for excellence at the Class of 1999 awards banquet.

Tamara Crookston, Chubbuck, Ida., was recognized with the Facts and Comparison’s Award of Excellence in Clinical Communication in recognition of high academic achievement and outstanding clinical communication skills.

Ahab Elmadhoun, Boise, Ida., was awarded the Perrigo Award of Excellence in Nonprescription Medication Studies in recognition of excellence in professional services in regard to nonprescription medications.

Brook Gehring, American Falls, Ida., received the American Pharmaceutical Association (APhA) Academy of Students of Pharmacy (ASP) Mortar and Pestle Professionalism Award, which is sponsored by McNeil Consumer Healthcare. This award recognizes exceptional professionalism and excellence in patient care in all aspects of a student’s academic pharmacy career.

Shannon Howlett, Pocatello, Ida., was presented the SmithKline Beecham Patient Care Award in recognition of superior professional achievement in clinical pharmacy practice and service, especially with regard to patient relations.

Kenneth Jarman, Pocatello, Ida., received the Dean’s Award in recognition of superior academic excellence. This award is given to the student with the highest grade point average in the college.

Debbie Marchetti, Pocatello, Ida., was presented the Roche Pharmacy Communications Award in recognition of effective pharmacist/patient communications.

Angela Meeker, Pocatello, Ida., was recognized with the TEVA Pharmaceuticals Outstanding Student Award in recognition of excellence in the study of pharmacy.

Ellen Schulz, Hailey, Ida., received the Idaho State Pharmacy Association Award, which is given to an Idaho resident in recognition of superior scholastic achievement and professional development. Local pharmacist, Ed Snell, a past ISPA president, presented the award.

Chris Shea, Pocatello, Ida., received the Pfizer U.S. Pharmaceuticals Outstanding Leader Award, which is presented in recognition of leadership.

Tiffany Smith, Spring Valley, Calif., was recognized with the Lilly Award in recognition of academic achievement, leadership, and professional development.

Dan Spurlock, Pocatello, Ida., and Ryan Zimmerly, Boise, Ida., received the Merck Award, which is presented in recognition of scholastic achievement and development in basic pharmaceutical sciences.

Jay Wenzinger, Pocatello, Ida., received the Mylan Pharmaceuticals Excellence in Pharmacy Award in recognition of high academic achievement and professional motivation.

Amber Winnett, Paul, Ida., was recognized with the American Society of Health-System Pharmacists Award in appreciation and recognition of meritorious service and leadership.

Fourteen graduates received awards of excellence
Two pharmacy graduates were among 11 recipients honored with 1999 Outstanding Student Achievement Awards by the ISU Ambassadors and ISU Alumni Association. Criteria for selection include a minimum 3.3 grade point average; above-average dedication to academic and educational goals including internships, special projects and papers; and involvement in professional societies. Work experience and community service were also considered where appropriate.

Renee Bunde, Pocatello, Ida., graduated with a Ph.D. in pharmaceutical sciences and has a 3.93 GPA. She has authored, or coauthored, six refereed publications and 22 abstracts in her master’s and doctoral studies and has received 25 research and scholarship awards, including national recognition from the American Council of Independent Laboratories and the B.F. Goodrich Co. She was awarded the NSF/EPSCoR Graduate Research Fellowship and was a Wallace Doctoral Fellow.

Susan Wilson, Davis, Calif., graduated with a doctor of pharmacy degree with a 3.79 GPA, attended ISU on four academic scholarships, was on the Dean’s List from 1995 to 1998, all while raising her sons, Robert, Bruce, and Bret, as a single parent. She served as secretary of the Phi Lambda Sigma leadership society and the Student Subcommittee for Evaluation of Teaching. She also is a member of the Academy of Students of Pharmacy. For two years she performed cell culture work and drug assays as a research assistant in the department of pharmaceutical sciences and has tutored students in biology, chemistry, and pharmacy. She established Idaho’s first pharmacy-based flu/pneumonia prevention immunization program.

**Lai: 1999 Distinguished Teacher**

Dr. James Lai, professor of pharmaceutical sciences, was recognized as the ISU 1999 Distinguished Teacher at spring commencement. Lai has been teaching at ISU since 1991. He received his bachelor of science degree in chemistry from University College, Wales, U.K.; master of science degree in neurocommunications from The Medical School, Birmingham University, U.K.; and doctorate in biochemistry from St. Bartholomew’s Hospital Medical College, London University, U.K.

A 1996 recipient of the College of Pharmacy’s Teacher of the Year Award, Lai was described by a student as “an excellent group leader” whose mastery of the subject is “impeccable.” He was a finalist for the Distinguished Teacher Award last year and received the ISU Distinguished Researcher Award in 1996.

**Jarvi named outstanding public servant**

Dr. Eric Jarvi, professor, department of pharmaceutical sciences, was one of five ISU faculty recently honored with an 1999 Outstanding Public Service Award at commencement.

Jarvi’s service includes teaching science at a local elementary school, coaching developmental soccer teams, and working in the Episcopal Church food kitchen cooking and serving meals to the needy.
Christopher Daniels, Ph.D., Eric Jarvi, Ph.D., Catherine Heyneman, Pharm.D., and Rex Lott, Pharm.D., were named 1998-99 Teachers-of-the-Year, and Linda Clifford, Pharm.D., affiliate faculty, received the Roche Laboratories-sponsored 1998-99 Preceptor-of-the-Year award at pharmacy’s end-of-the-year awards banquet.

The five recipients were selected by pharmacy students for their outstanding abilities to teach relevant and new material, motivate students to learn, maintain a high level of knowledge in their field, and share their enthusiasm for the field of pharmacy. Each class in the four-year doctor of pharmacy program selected a Teacher-of-the-Year, with the graduating class also selecting a Preceptor-of-the-Year.

Dr. Christopher Daniels is an associate professor and chair of the department of pharmaceutical sciences. He was selected by first-year pharmacy students and was named a Teacher-of-the-Year in 1996 and 1997. Students nominating Daniels wrote, “He is grounded and has a strong knowledge base. He makes the complex issues in pharmacy easier to understand.”

Eric Jarvi, Ph.D., was selected by the second-year pharmacy students. This is the third time he has been recognized as a Teacher-of-the-Year.

Jarvi’s nominators remarked, “He is concerned about how much work and assignments the students have and tries to help us as best he can. His attitude and receptiveness to students’ opinions was greatly appreciated.” One student summed it up by saying, “We learned a lot, too.”

Dr. Catherine Heyneman, an assistant professor of pharmacy practice and administrative sciences, was selected Teacher-of-the-Year by third-year pharmacy students. Heyneman teaches pharmaceutical care and case studies. She was a past Teacher-of-the-Year in 1998.

Students nominating Heyneman wrote, “Dr. Heyneman is always encouraging and insightful. She teaches very relevant information that applies to the real world. She is always eager to share her knowledge that is useful in rotations. She is a pleasant, all-around likeable individual with great clinical skills.”

Dr. Rex Lott, associate professor of pharmacy practice and administrative sciences, is responsible for providing clinical pharmacy services to patients in mental health programs and for precepting students who elect clinical clerkships in the area of psychiatry at the Boise, Idaho, Veterans Administration Medical Center. Dr. Rex Lott was honored by the fourth-year pharmacy students.

Students completing clinical rotations with Lott wrote, “He is enthusiastic about teaching students by consistently showing students that he cares about their learning over anything else. He is a very positive person and knows what to teach that will be useful to students when they get out in the real world.”

Dr. Linda Clifford is a clinical pharmacy specialist who provides an ambulatory care rotation for ISU fourth-year students at the Veterans Administration Medical Center in Reno, Nevada. Her award was given in recognition of her dedication to the clinical training of pharmacy students.

One of her nominators stated, “She provides an environment that maximizes the learning experience.” They added, “She’s not only a teacher but a true mentor as well.”
Student Organizations

Associated Graduate Students of Pharmacy (AGSP-Animal Pharm)
Cassandra Luce – President
Renee Bunde – Vice President
Luna Bennett – Secretary
Launa Lynch – Treasurer
Eric Jarvi, Ph.D. – Faculty Advisor

AGSP, the associated graduate students of pharmacy and affectionately known as Animal Pharm, had an active and productive year.

Many graduate students received awards in research and travel funds totalling over $22,000 for their graduate research projects during the 1998-99 academic year. Vijay Joish received the Animal Pharm presentation award. Renee Bunde received the Animal Pharm publication award. Next year we will have all new officers, as more and more students are becoming involved in the college’s graduate student research.

Additionally, we would all like to congratulate the recent graduates of the college and give a special thanks to Renee Bunde, recent Ph.D. graduate, for her many accomplishments at ISU and committed support to Animal Pharm.

American Society of Health-System Pharmacists (ASHP)
Sabrina Castillo-Allen – President
Joanne Winters – President Elect
Denice Mitchell – Vice President
Allison Clark – Secretary/Treasurer
Wendy Force, R.Ph. – Faculty Advisor

The 1998-99 school year was a very busy year for ASHP. We have 13 members in the state society (ISHP) and four members in the national organization. This year we sent eight members to the annual Idaho Society of Health-System Pharmacists meeting in Sun Valley, Ida. The overnight accommodations for this meeting were sponsored by Roxanne Laboratories, to whom the chapter is very grateful.

In addition this year, and for our first time, Jeff Sullivan and Carl Jeffery, both P3 students, represented the college and chapter in the Clinical Skills Competition at ASHP’s national meeting in Las Vegas, Nev. In January we organized a special community presentation, “Depression: The Illness and the Treatment,” by Dr. Rex Lott, Boise, Ida., who was sponsored by Jansen Pharmaceuticals, Forrest Pharmaceuticals, and Eli Lilly & Co. The chapter participated in National Poison Prevention Week where we went to several schools in the community along with area pharmacists from SEIPA (Southeast Idaho Pharmacist Association) and educated children about poison safety. We also brought in Dr. Cathy Heyneman to speak to children from the Early Learning Center on Poison Safety. Each presentation was well received by everyone. The organization’s fund-raising activity was selling class notes and The Washington Manual. We look forward to another great year next year.

The Academy of Students of Pharmacy (ASP)
Rachel Crafts – President
Duane Siercke – Vice President
Gayla Tanaka – Secretary
Sabrina Allen – Treasurer
Eric J. Jarvi, Ph.D. – Faculty Advisor

The Academy of Students of Pharmacy (ASP) is the student branch of the American Pharmaceutical Association (APhA). Its membership constitutes the largest pharmacy student organization in the nation and within the College of Pharmacy. ASP provides students the opportunity to hold leadership positions while gaining professional insight to their future as pharmaceutical care specialists. This year’s national ASP motto was “Bridging Dreams to Destiny.”

In October, ASP sponsored the annual Pharmacy Fair in which employment recruiters held personal interviews with 80 of our Pharm.D. students. The fair hosted five-major drug companies and 29 individual exhibitors offering a variety of drug and employment information. The Fair also included a continuing education program entitled “Drug Diversion in the Health Care Setting” by Don Bogardas. Walgreens
sponsored the Annual Dutch Oven Dinner, held in conjunction with Pharmacy Fair, which drew nearly 150 students, faculty, Southeast Idaho Pharmacy Association members and recruiters.

The ASP chapter works very hard in the fall to prepare to attend the national meeting each spring. This year’s meeting was in San Antonio, Tex., and we were proud to have 10 students attend. This was made possible with proceeds raised at the annual Spaghetti Feed and Auction supported by the faculty.

The ASP midyear meeting, held in Corvallis, Ore., gave our attending students the chance to meet and network with other schools in the region and prepare for the national meeting events in San Antonio.

The annual Patient Counseling Competition was held in November, and students from all classes were eligible to participate and test their counseling skills. This year’s winner, Nate Smedley, was invited to compete at the national competition.

In conjunction with National Pharmacy Week, ASP implemented Operation Immunization, an awareness campaign designed to increase the public’s knowledge of immunizations while increasing the number of adults receiving immunizations. The past two years our chapter has been recognized at the national level for our outstanding involvement with this project. This year for the second year in a row, our chapter won one of eight-regional awards at the national meeting. Good job!

Our chapter recently visited two area schools, grades 1st and 3rd, to promote drug and poison awareness. The last event for the chapter this year was the end-of-the-year BBQ in which we celebrated the end of a very successful year.

**Phi Delta Chi**

Jeff Sullivan – President  
Erin Keele – Vice President  
Jay Haener – Correspondent  
Jen Payton (Butler) – Secretary  
Jim Nguyen – Treasurer  
Dale Ramsey – Moral Officer  
Shawn Williams – Parliamentarian  
/ Master of Arms  
Matt Helmboldt – Assistant Master  
of Arms  
Rachel Crafts – Alumni Liaison  
Chris Daniels , Ph.D., – Coadvisor  
Anna Ratka, Ph.D., – Coadvisor

This academic year started off before classes began with a road trip to Ann Arbor, Mich., to attend the 7th Leaders Development Seminar hosted by the founding chapter of the fraternity at the University of Michigan. Jay Hayner and Jeff Sullivan brought back many leadership skills that were presented to the chapter membership that can be used within the chapter for years to come.

During the dedication of the new addition to the Eugene O. Leonard Pharmacy building, some Phi Delta Chi service fraternity members served as building tour guides for the dedication attendees, which included special guests, alumni, friends, and family members. Highlighting most of these tours was the interesting stories alumni shared with us about themselves and their classmates when they located their graduation class photos, which are hung throughout the building. We will remember these stories for quite some time.

Throughout the year we added nine new members to the 18 active members of our chapter. Three members will be graduating as part of the Class of 1999 – Congratulations to Brook Gehring, Darvin Clement, and Tracey Swenson. Nine of our active members will be going on to rotations this year while three of our members will be accepted into the program starting next fall.

Nationally, members will be attending the 62nd Grand Counsel in San Diego, Calif. in August 1999. We hope to see many alumni at the meeting since it is relatively close to home.

**National Community Pharmacists Association (NCPA)**

Eric Anderson – President  
William T. Sharp, Ph.D., – Faculty  
Advisor

The NARD national organization changed its name to the National Community Pharmacists Association, and six student members were active in the ISU student chapter during 1998-99.

The organization spent the year meeting with area community pharmacists as well as out-of-state community pharmacists in an effort to learn more about what is involved with today’s community pharmacy operations and what is anticipated in the future. Future plans for the NCPA student chapter include organizing opportunities for students to examine pharmacy ownership and franchising, as well as attending the organization’s national annual meeting in Las Vegas, Nev. A number of the members are interested in the NCPA’s Independent Pharmacy Matching Service Programs.

Past activities have included bringing in pharmacists from various community settings to educate interested students of the niches available in community pharmacy. Some members attended Professional Compounding Centers of America’s (PCCA) Compounding Conference in Houston, Tex., which also promotes the independent community pharmacists’ advancement in pharmaceutical care.
Rho Chi
Kim Nguyen- President
Paul Cady, Ph.D. – Faculty
Advisor

Rho Chi is a national honorary society that recognizes academic excellence in pharmacy education. Students must maintain a GPA of 3.0 in all coursework and be in the top 20 percent of their class to be considered for membership.

In the fall, the chapter sponsored one of the best beginning-of-the-school year picnics ever at Ross Park. The burgers were flying and the volleyball games were intense. Spring initiation was held in April at the Harry Magnuson Alumni Center. Twelve new members were inducted into the honor society.

Additionally, Rho Chi sponsored a College of Pharmacy booth at Health Fairs at ISU and also in Preston, Idaho.

Phi Lambda Sigma
Kimberly Wilcox – President
Joanne Winters – Vice President
Sabrina Castillo – Secretary
Dana Diedrich, Ph.D., – Faculty
Advisor

Phi Lambda Sigma is the pharmacy leadership society that recognizes student leaders within the College of Pharmacy. This year they adopted a needy family for Christmas and held a gift drive throughout the college. Initiation was held on April 30 at the Magnuson Alumni House. New officers were elected, and 13 new members were inducted.

Student Senate
Debbi Burr – President
Ben Nichols – Vice President
Denice Mitchell – Secretary/Treasurer
Eric McDowell – ASISU Senator
Paul Cady, Ph.D. – Faculty
Advisor

The governing body for the College’s student body, the Student Senate includes the president and vice-president of each professional class, a representative of both graduate programs, the president of each student organization within the College, and the ASISU pharmacy senator. The Senate facilitates communication between the students, pharmacy organizations, dean, and faculty and coordinates activities of the student organizations.

This year the Senate helped to increase student awareness of and participation in the College of Pharmacy Phonathon event. A survey of the student body was conducted and several needs were identified and sent to the Dean for funding consideration. Students were excited to be more involved in the whole fundraising process.

The Senate placed a special emphasis on exploring the possibility of conducting a separate graduation ceremony for the College of Pharmacy. The task quickly grew to include students in other colleges on campus and the ASISU Senate. Important groundwork was laid this year and the project will continue with the 1999-2000 Senate officers.

In December the Senate, along with the student body, provided Christmas presents and food to a local family in need of help. The Senate also sponsored a Valentine’s Day Party in February for College of Pharmacy students, faculty and staff. Many individual members of the Senate were involved in other projects such as Project Immunization, the ISU Healthfair, canned food drives, and community outreach education courses.
1998-99 College Faculty and Staff

Dean’s Administrative Council

Paul S. Cady, Ph.D., Interim Associate Dean
Vaughn L. Culbertson, Pharm.D., Chair, Department of Pharmacy Practice and Administrative Sciences

Christopher K. Daniels, Ph.D., Chair, Department of Pharmaceutical Sciences
Eric J. Jarvi, Ph.D., Chair, Faculty Affairs Committee
Barbara G. Wells, Pharm.D., Dean

Department of Pharmaceutical Sciences

Faculty
Alok Bhushan, Ph.D., Assistant Professor,
Sudip Das, Ph.D., Associate Professor
Christopher K. Daniels, Ph.D., Associate Professor, Chair
Dana L. Diedrich, Ph.D., Professor
Leslie L. Devaul, Ph.D., Assistant Professor
Eric J. Jarvi, Ph.D., Associate Professor
Thomas R. LaHann, Ph.D., Associate Professor
James C. K. Lai, Ph.D., Professor
S. Clive Nelson, Ph.D., Associate Professor
Anna Ratka, Ph.D., Associate Professor
Cindy M. Wilson, Ph.D., Assistant Professor

Affiliate Faculty
Barry Cusack, M.D., Boise VA Medical Center
Christopher Nielson, M.D., Boise VA Medical Center
Richard Olsen, Ph.D., Boise VA Medical Center
Dennis L. Stevens, M.D., Ph.D., Boise VA Medical Center
Denise Wingett, Ph.D., Boise, VA Medical Center

Department of Pharmacy Practice & Administrative Sciences

Faculty
Barbara A. Adamcik, Ph.D., Professor
Jan Beckwith, Pharm.D., Assistant Professor
Paul S. Cady, Ph.D., Associate Professor and Vice Chair
Vaughn L. Culbertson, Pharm.D., Associate Professor and Chair/Director of the Nontraditional Doctor of Pharmacy Program
John Erramouspe, Pharm.D., Associate Professor
Rex W. Force, Pharm.D., Assistant Professor
Wendy S. Force, B.S., Visiting Instructor
Virginia J. Galizia, Ph.D., Professor and Associate Dean
Teddie Gould, M.S., Associate Professor
Roger G. Hefflinger, Pharm.D., Assistant Professor
Catherine A. Heyneman, Pharm.D., Visiting Clinical Assistant Professor
Catherine Hitt, Pharm.D., Assistant Professor
Stephen Hurley, Pharm.D., Professor
Sandra G. Jue, Pharm.D., Clinical Associate Professor
Rodney A. Larson, Ph.D., Assistant Professor
Cara Liday, Pharm.D., Assistant Professor
Rex S. Lott, Pharm.D., Associate Professor
Karl J. Madaras-Kelly, Pharm.D., Assistant Professor
Barbara J. Mason, Pharm.D., Professor and Vice Chair
Shirley J. Reitz, Pharm.D., Assistant Professor
Richard S. Rhodes, Pharm.D., Associate Professor
William T. Sharp, Ph.D., Professor
Barbara G. Wells, Pharm.D., Professor and Dean

Affiliate Faculty
Sue Agent, B.S., Kaiser Permanente
Paul G. Ambrose, Pharm.D., Hartford Hospital
Debra A. Anczak, B.S., Columbia Eastern Idaho Regional Medical Center
David Anderson, B.S., Madison Memorial Hospital
Michael Baker, M.D., Family Practice Group
Britt C. Bayles, Pharm.D., Naval Medical Center
Patricia D. Berglund, P.A., Family Practice Group
Paula Blair, B.S., Columbia Eastern Idaho Regional Medical Center
Roger W. Boc, M.D., Pocatello Children/Adolescent Clinic
Jean M. Bokelmann, M.D., ISU Family Medicine Center
Jennifer Bolding, Pharm.D., Overton Brooks VA Medical Center
Pharmacy Practice Affiliate Faculty - continued

Diana L. Bond, B.S., U of NV Medical Center
Bruce A. Bouts, M.D., Blanchard Valley Medical Associates
Robert Boyce, B.S., Chemawa Indian Health Center
James E. Branahl, M.D., Boise VA Medical Center
Michael K. Bringham, Pharm.D., Bannock Regional Medical Center
Theodore P. Briski, Jr., Pharm.D., Naval Medical Center
Mark H. Broadhead, M.D., State Hospital South
Wendy R. Brody, Pharm.D., Kaiser Permanente
Joseph H. Bubalo, B.S., Oregon Health Science University
Shawna L. Byington, Pharm.D., Boise VA Medical Center
William P. Byrd, B.S., Bay Pines, FL, VA Medical Center
James W. Byron, B.S., St. Alphonsus Regional Medical Center
Louise C. Caiazzo, Pharm.D., Kaiser Permanente
Mark A. Campbell, M.S., Kaiser Permanente
Wendy C. Cantrell, Pharm.D., U of NV Medical Center
Jannet M. Carmichael, Pharm.D., Reno VA Medical Center
John Chelenes, Pharm.D., Mary Immaculate Hospital
Earl Chester, Jr., M.D., SE Idaho VA Ambulatory Clinic
Judy M. Chichmanian, R.N., SE Idaho VA Ambulatory Clinic
Jerry H. Clifford, Pharm.D., Washoe Medical Center
Linda V. Clifford, Pharm.D., Reno VA Medical Center
Stephen Comstock, B.S., St. Alphonsus Regional Medical Center
Marcus D. Cook, Pharm.D., Bristol-Myers Squibb Company
Shannon L. Coonce, Pharm.D., U of NV Medical Center
Margaret A. Cording, Pharm.D., Naval Medical Center
Gregory Cravens, B.S., Boise VA Medical Center
Jennifer A. Cravens, B.S., St. Alphonsus Regional Medical Center
Barry J. Cusack, M.D., Boise VA Medical Center
Wendi R. Davis, Pharm.D., Pocatello Regional Medical Center
Robert DeChristoforo, Pharm.D., National Institutes of Health Clinical Center
Doris E. Denney, M.B.A., Terry Reilly Health Services
Eve L. Denny, B.S., Madison Memorial Hospital
Larry A. Dent, Pharm.D., FHP of Utah, Inc. Senior Center
Kevin M. Desmond, B.S., Washoe Medical Center
Michael D. Dickens, B.S., St. Luke’s Regional Medical Center
Paul S. Driver, Pharm.D., Pocatello Regional Medical Center
Edith A. Dvorak, B.S., Pocatello Regional Medical Center
Plaza Pharmacy
Susan G. Eckroth, B.S., Washoe Medical Center
Tami Eide, Pharm.D., St. Alphonsus Regional Medical Center
Ron K. Endo, B.S., Pocatello Regional Medical Center
David E. England, Pharm.D., U of NV Medical Center
David R. Fischel, M.D., Pocatello Children/Adolescent Clinic
Beth A. Foster, B.S., Reno VA Medical Center
Robert L. Fox, Pharm.D., Washoe Medical Center
Donald Frisch, Pharm.D., U of NV Medical Center
Denis K. Fuller, Pharm.D., U of NV Medical Center
Joan K. Furlano, B.S., Kaiser Permanente
Valerie Gardner, Pharm.D., Bannock Reg. Medical Center
Elwyn A. Garrard, Pharm.D., Kaiser Permanente
Dave Gebo, B.S., Super Save United Drug
Lorri D. Gebo-Shaver, Pharm.D., Super Save United Drug
R. Timothy Gendron, B.S., Portsmouth, VA, Naval Medical Center
Nancy L. Gibbs, Pharm.D., Miami Valley Hospital
Barry R. Goldspiel, Pharm.D., National Institutes of Health
Joseph P. Gomes, Pharm.D., Alaska Native Medical Center
James Good, B.S., Fort Hall Indian Health Service
Gary Goy, B.S., Bannock Regional Medical Center
Steven C. Graft, B.S., St. Alphonsus Regional Medical Center
Garry Graham, B.S., Boise VA Medical Center
S. Ned Gregorio, B.S., Boise City Pharmacy
Neil Griggs, B.S., Columbia Eastern Idaho Regional Medical Center
M. Jill Gronholz, D.O., Family Practice Group
Mary Elizabeth Gross, Pharm.D., Mercy Hospital and Medical Center
Dale R. Grothe, Pharm.D., National Institutes of Health
Catherine Gundlach, Pharm.D., St. Luke’s Regional Medical Center
Creighton A. Hardin, M.D., Pocatello Children and Adolescent Clinic
Ralph Heckard, M.D., State Hospital South
Greg Hegman, B.S., Bannock Regional Medical Center
W.L. Roy Herold, M.D., SE Idaho VA Ambulatory Clinic
Kevin S. Hill, M.D., Pocatello Regional Medical Center
William E. Hogan, M.D., Pocatello Children and Adolescent Clinic
Alfred F. Hohenauer, M.S., St. Luke’s Regional Medical Center
Jon D. Horton, Pharm.D., York Health Systems
Lori L. Isaacs, M.H.A., U of NV Medical Center
William J. Ivanich, B.S., Pocatello Regional Medical Center
A. Boyd Jeffery, B.S., St. Alphonsus Regional Medical Center
Lloyd R. Jensen, M.D., Pocatello Children/Adolescent Clinic
Shawna Kittridge, B.S., Idaho Care System
Alexander Kintzoglou, M.D., Mary Immaculate Hospital
I. Harry Kreusen, Pharm.D., Kaiser Permanente
Arpi G. Kuyumjian, Pharm.D., Hackensack University Medical Center for Infectious Disease
Jesse Landis, M.S.W., Pocatello Children/Adolescent Clinic
Jack Lauletta, Pharm.D., Mary Immaculate Hospital
Carlton K.K. Lee, Pharm.D., John Hopkins Hospital
Pharmacy Practice Affiliate Faculty - continued

James Michael Lile, Pharm.D., Mid-Michigan Regional Medical Center
Michael D. Lovetro, B.S., Naval Medical Center
Maureen C. Mack, M.D., Pocatello Children/Adolescent Clinic
Richard E. Malone, Pharm.D., Huntsville Hospital
Scott E. Mambourg, Pharm.D., Reno VA Medical Center
Frederick Marsh, M.D., State Hospital South
Edward James Martel, Pharm.D., Louisiana State University Medical Center
Nicole Massarat, Pharm.D., Kaiser Permanente
Lisa Crowley Mathis, B.S., St. Luke’s Regional Medical Center
Errol R. Maus, B.S., St. Alphonsus Regional Medical Center
Richard M. Maynard, D.O., Family Practice Group
Cassandra H. McCamish, B.S., Boise VA Medical Center
John C. McCormack, M.D., State Hospital South
Barbra McEvoy, Pharm.D., North Valley Hospital
Kim L. McGary, B.S., Columbia Eastern Idaho Regional Medical Center
Don E. McInturff, M.D., Pocatello Children and Adolescent Clinic
Deborah K. McKee, B.S., Washoe Medical Center
Andrew K. Meagher, B.S., Fort Hall Indian Health Service
Cecilia M. Meagher, B.S., Fort Hall Indian Health Service
Larry D. Meyer, B.S., Boise VA Medical Center
James R. Minor, Pharm.D., National Institutes of Health
Jeff L. Monaghan, Pharm.D., Washoe Medical Center
Robert R. Moore, B.S., Boise VA Medical Center
Susan M. Morgan, B.S., St. Alphonsus Regional Medical Center
Greg B. Morrill, Pharm.D., Tucson VA Medical Center
Larry L. Munkelt, Pharm.D., Pocatello Regional Medical Center
Grace A. Nathan, B.S., St. Lukes Regional Medical Center
David Nelson, B.S., Washoe Medical Center
Teresa J. Newsom, B.S., Pocatello Regional Medical Center
Leo J. Nickasch, B.S., Boise VA Medical Center
Jan O’Neil, M.S., Bannock Regional Medical Center
Byron C. Olson, Pharm.D., Boise VA Medical Center
Ali Olyaei, Pharm.D., Oregon Health Science Center
Dianne B. Onnen, M.P.A., St. Luke’s Regional Medical Center
Mary Beth Ostrom, M.D., State Hospital South
Roger Oswald, B.S., Westgate Drug
Robert E. Pachorek, Pharm.D., Mercy Hospital and Medical Center
Kelly P. Palmer, D.O., State Hospital South
Beverly M. Parker, M.D., Boise VA Medical Center
Gary M. Patchin, Pharm.D., Reno VA Medical Center
Kathleen A. Payne, Pharm.D., Bannock Regional Medical Center
Linda R. Pierce, Pharm.D., Boise VA Medical Center
Robert Mathew Pifher, B.S., St. Alphonsus Regional Medical Center
Bryon J. Pinson, B.S., Washoe Medical Center
Larry L. Pinson, Pharm.D., Silverada Pharmacy
Jan Poreba, B.S., Boise VA Medical Center
Richard N. Price, B.S., State Hospital South
Kevin Gerard Przybylski, Pharm.D., Mid-Michigan Regional Medical Center
Frank Pucino, Jr., Pharm.D., National Institutes of Health Clinical Center
Gary K. Pullen, B.S., Prescription Center
Michele A. Pyeatt, Pharm.D., Kaiser Permanente
Brad Rassuchine, Pharm.D., TPN of Las Vegas, Inc.
Ed Reddish, B.S., Mallea-Reddish Pharmacy
Kenneth S. Reifman, B.S., Kaiser Permanente
Margaret L. Rice, B.S., Columbia Eastern Idaho Regional Medical Center
Kimberly Riley, Pharm.D., Kaiser Permanente
Marlis E. Risso, Pharm.D., Washoe Medical Center
Karen Robison, B.S., St. Luke’s Regional Medical Center
Joseph G. Rossi, Pharm.D., Morristown Memorial Hospital
Robert J. Ruggerio, Pharm.D., Mary Immaculate Hospital
Rajesh C. Sachdeo, M.D., Robert W. Johnson Medical School
Timothy Santos, B.S., Boise VA Medical Center
Dennis Sawyer, Pharm.D., Magic Valley Regional Center
Thomas R. Schafer, Pharm.D., Washoe Medical Center
Hershel D. Schaftel, Pharm.D., Kaiser Permanente
Philip L. Schiffman, M.D., Pulmonary and Intensive Care Specialist
Lisa F. Scott, Pharm.D., Naval Medical Center Pharmacy
R. Lynn Greenberg Seaman, B.S., Portsmouth, VA, Naval Medical Center
Christopher C. Shields, M.D., Family Practice Group
Y. Todd Shinohara, Pharm.D., San Diego, CA, Naval Medical Center
Gail L. Sieren, Pharm.D., U of NV Medical Center
Marilyn M. Silcock, Pharm.D., Bannock Regional Medical Center
Rod G. Simon, M.P.A., Boise VA Medical Center
Bob Smith, B.S., State Hospital South
Dave M. Smith, B.S., St. Alphonsus Regional Medical Center
Thomas B. Snow, B.S., Westgate Drug
Bruce Spradlin, Pharm.D., Pocatello Regional Medical Center
Michael D. Stander, Pharm.D., Washoe Medical Center
Mary E. Staples, Pharm.D., U of NV Medical Center
Dorsie Sullenger, B.S., Madison Memorial Hospital
Gregory M. Susla, Pharm.D., National Institute of Health
Frank L. Talboy, B.S., Boise VA Medical Center
Ronald D. Tapley, Pharm.D., Togus VA Medical Center
Cynthia Taylor, B.S., St. Alphonsus Regional Medical Center
Pharmacy Practice Affiliate Faculty - continued

Donna Taylor, B.S., Bannock Regional Medical Center
Susanne M. Thornley, Pharm.D., Reno VA Medical Center
Chester C. Thorson, Pharm.D., Columbia Eastern Idaho Regional Medical Center
Thomas J. Troshynski, Pharm.D., Fort Hall Indian Health Service
Carl D. Tunison, Jr., Pharm.D., Westgate Drug
Drew Voltura, Pharm.D., Bannock Regional Medical Center
John A. Warren, Pharm.D., Nevada Mental Health Institute

Mick Weiss, Pharm.D., Denver VA Medical Center
E. Ben Welch, Pharm.D., SW Oklahoma State University
Kirk C. Wentworth, B.S., Medicine Shoppe
Robert C. Wilkens, Pharm.D., Naval Medical Center
John A. Wiltse, M.S., St. Alphonsus Regional Medical Center
Jean Gale R. Woodman, M.D., Pocatello Children and Adolescent Clinic
Matthew J. Young, Pharm.D. Columbia Eastern Idaho Regional Medical Center

Emeritus Faculty

Franklin R. Cole, Ph.D., Professor of Pharmacognosy
L. Judy Fontenelle, Ph.D., Professor of Pharmacology and Biochemistry
Robert W. Goettsch, Ph.D., Professor of Pharmaceutics
Nevada Marie Higgins, Ph.D., Professor of Pharmacy
Ira W. Hillyard, Ph.D., Professor of Pharmacology
Eugene I. Isaacson, Ph.D., Professor of Pharmaceutical Chemistry

College Support Staff

Administrative Office

Ruth Briscoe, Business Manager
Rae Dahmer, Secretary to the Associate Dean
Cynthia Foster, Assistant to the Associate Dean for Student Affairs and Admissions
Margo Lasky, Assistant to the Dean for Alumni Affairs and Program Development
Mary Ann Stoll, Building, Equipment, and Safety Coordinator
Cindy Walker, Secretary to the Dean

Department of Pharmaceutical Sciences

Glenn Carlson, Research Assistant
Rita Katsilometes, Secretary to the Chair
Cindy Moore, Secretary

Department of Pharmacy Practice & Administrative Sciences

Barbara Arms, Secretary, Drug Utilization Review Program
Evelyn Genta, Secretary to the Vice Chair and Pocatello Faculty
Sharlene Hetrick, Secretary to the Vice Chair and Boise Faculty
Chris Marenda, Secretary to the Vice Chair and Pocatello Faculty
Kathy Moe, Secretary, Nontraditional Doctor of Pharmacy Program
Craig Kelley, Technical Support Manager
Deborah Read, Secretary, Nontraditional Doctor of Pharmacy Program
Beverly Sion, Secretary to the Chair/Director of the Nontraditional Doctor of Pharmacy Program
Appendix I presents courses taught and notable accomplishments of Idaho State University’s College of Pharmacy Department of Pharmacy Practice and Administrative Sciences faculty completed during Fiscal Year 1999 (July 1, 1998 – June 30, 1999). Courses are listed by course number and graduate classes are listed separately. Accomplishments are reported in the areas of publications: abstracts, articles, books and book chapters; presentations; continuing education; professional service: college, university, local, state and regional, national and nonregional, institutional/patient care, international; grants and contracts; community service; reviewers and editorial positions; and awards and other noteworthy accomplishments. Accomplishments are listed either alphabetically, by formal citation, or, in uncited accomplishments, alphabetically by faculty member last name.

A. Department Courses

The following courses were taught and reported to ISU’s Office of Institutional Research by the Department of Pharmacy Practice and Administrative Sciences during the 1998-1999 academic year.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPRA 229</td>
<td>Special Topics P1 Seminar</td>
<td>P Cady</td>
</tr>
<tr>
<td>PPRA 338</td>
<td>Drug Information/Medical Terminology w/lab</td>
<td>J Beckwith</td>
</tr>
<tr>
<td>PPRA 401</td>
<td>Current Topics in Pharmacy</td>
<td>R Larson, B Wells</td>
</tr>
<tr>
<td>PPRA 416</td>
<td>Social Behavioral Practice</td>
<td>B Adamcik</td>
</tr>
<tr>
<td>PPRA 418</td>
<td>Pharmacy Management w/Lab</td>
<td>P Cady, W Sharp</td>
</tr>
<tr>
<td>PPRA 499</td>
<td>Community Outreach</td>
<td>B Adamcik</td>
</tr>
<tr>
<td>PPRA 501</td>
<td>Case Studies III</td>
<td>D Airmet, P Cady, V Culbertson, S Hurley, R Larson, C Liday, R Rhodes</td>
</tr>
<tr>
<td>PPRA 502</td>
<td>Case Studies IV</td>
<td>D Airmet, P Cady, V Culbertson, J Erramouspe, C Heyneman, S Hurley, R Larson, C Liday, R Rhodes</td>
</tr>
<tr>
<td>PPRA 505</td>
<td>Externship</td>
<td>W Force</td>
</tr>
<tr>
<td>PPRA 507</td>
<td>Complementary Natural Medicine</td>
<td>J Beckwith</td>
</tr>
<tr>
<td>PPRA 518</td>
<td>Clinical Research &amp; Design Analysis</td>
<td>P Cady</td>
</tr>
<tr>
<td>PPRA 519</td>
<td>Pharmacy Law</td>
<td>W Sharp</td>
</tr>
<tr>
<td>PPRA 521</td>
<td>Pharmaceutical Care I w/Lab</td>
<td>B Adamcik, C Heyneman</td>
</tr>
<tr>
<td>PPRA 522</td>
<td>Pharmaceutical Care II w/Lab</td>
<td>V Culbertson, C Heyneman</td>
</tr>
<tr>
<td>PPRA 526</td>
<td>Pathophysiology and Therapeutics II</td>
<td>P Driver, J Erramouspe, R Force, T Gould, R Hefflinger, C Hitt, S Hurley, S Jue, C Liday, R Lott, K Madaras-Kelly, R Rhodes, B Wells</td>
</tr>
<tr>
<td>PPRA 530</td>
<td>Geriatric Pharmacy I</td>
<td>B Adamcik</td>
</tr>
<tr>
<td>PPRA 541</td>
<td>Community Pharmacy Clerkship*</td>
<td>V Culbertson</td>
</tr>
<tr>
<td>PPRA 542</td>
<td>Hospital Pharmacy Clerkship*</td>
<td>V Culbertson</td>
</tr>
<tr>
<td>PPRA 543</td>
<td>Ambulatory Care Clerkship*</td>
<td>V Culbertson, T Gould, R Hefflinger, C Liday, B Mason</td>
</tr>
<tr>
<td>PPRA 544</td>
<td>Medicine Clerkship*</td>
<td>V Culbertson, C Hitt, R Force, K Madaras-Kelly</td>
</tr>
<tr>
<td>PPRA 545</td>
<td>Pediatrics Clerkship*</td>
<td>V Culbertson, J Erramouspe, S Reitz</td>
</tr>
<tr>
<td>PPRA 546</td>
<td>Geriatrics Clerkship*</td>
<td>V Culbertson, S Jue, R Rhodes</td>
</tr>
<tr>
<td>PPRA 547</td>
<td>Mental Health Clerkship*</td>
<td>V Culbertson, S Hurley, R Lott</td>
</tr>
<tr>
<td>PPRA 548</td>
<td>Drug Information Clerkship*</td>
<td>J Beckwith</td>
</tr>
</tbody>
</table>
Appendix I

PPRA 551 Community Special Clerkship  
PPRA 552 Hospital Specialty Clerkship  
PPRA 553 Professional Student Seminar  
PPRA 554 Clinical Specialty Clerkship  
PPRA 559 Research Specialty Clerkship  
PPRA 571 Home Health Care Clerkship  
PPRA 581 Nuclear Specialty Clerkship  
PPRA 582 Rural Health Special Clerkship  
PPRA 583 Special Populations Clerkship  
PPRA 596 Pharmacy Residency  

PPRA 540, Case Studies, 1 semester credit  

* Includes PPRA 540, Case Studies, 1 semester credit

GRADUATE

PADM 601 Graduate Seminar  
PADM 605 Research Methods  
PADM 650 Thesis Research  
PADM 632 Medical Economics  
PADM 634 Adv Pharm Admin  
PPRA 618 Clinical Research and Design Analysis  
PSCI 698 Dissertation Research  
PSCI 699 Dissertation  

B. Publications

Abstracts


Articles


Alemao EA, Larson RA, Cady PS. Examining the role of health status on patient satisfaction with prescription...


Books, Book Chapters, and Booklets


C. Presentations


**Hefflinger RG**. Utilization of pharmacy and hospital cost data from top admission diagnostic related codes to identify physician sub-specialties that present as outliers in a community based hospital. Idaho Society of Health Systems Pharmacists Annual Meeting. Sun Valley, ID. Fall 1998.


**Arbogast RA, Jue SG, Mason BJ**. A retrospective review of patient outcomes and cost savings after switching from amlopidine to felodipine at the Boise VAMC. Idaho Society of Health-Systems Pharmacists Fall Meeting. Sun Valley, ID. September 1998.


Madaras-Kelly KJ. The adverse effects of HIV medications. Veterans Affairs Medical Center Hospital Grand Rounds Presentation. Boise, ID. March 1999.


Wells BG. Commencement address. College of Pharmacy, Duquesne University. Pittsburgh, PA. May 1999.

D. Continuing Education


Heyneman CA. Pharmacy-based immunization. ISU COP Annual Spring Continuing Education Program. Pocatello, ID. April 1999; Boise, ID. May 1999; Post Falls, ID. May 1999.


E. Professional Service
Our faculty hold memberships in the following college, university, local, state, national, and international committees and organizations. Positions above membership are noted.

**College of Pharmacy Service**

Adamcik BA  
Curricular Affairs Committee, Chair  
Faculty Affairs Committee  
Faculty Affairs Sub-Committee on Promotion  
Ad Hoc Assessment Committee

Beckwith J  
Faculty Affairs Committee  
Assessment Committee  
Self-Study Committee

Cady P  
Student Affairs Committee, Chair  
Technology Committee, Chair  
Curricular Affairs Committee, Ex-officio  
Assessment Committee, Chair

Culbertson VL  
Administrative Council  
Student Affairs Committee, Ex-officio  
GEFRAC, Ex-officio  
Non-T Advisory Committee, Chair  
CE Advisory Committee

Erramouspe J  
Early Practice Experiences Study Group, Chair  
Web Studies Executive Board  
Non-Traditional PharmD. Policies and Procedures Committee

Gould T  
Curricular Affairs Committee  
Early Practice Experiences Study Group  
Subcommittee on Curriculum & Degrees, Ad hoc Committee for ACPE Self-study

Hefflinger RG  
Curricular Affairs Committee  
Dean’s Advisory Invited Presenter Fall 98

Heyneman C  
Student Affairs Committee  
Nontraditional PharmD Program Advisory Committee  
Nontraditional PharmD Program Admissions Committee  
Nontraditional PharmD Program Policies & Procedures Committee

Hitt C  
Pediatric Clinical Faculty Search Committee  
Early Practice Experiences Study Group

Hurley SC  
Technology Committee  
Case Studies Committee

Jue SG  
Technology Committee

Larson RA  
Graduate Education & Faculty Research Affairs Committee  
Assessment Committee  
Ad Hoc Committee for ACPE Self-study

Lott RS  
Pediatric Faculty Position Search Committee, Chair

Madaras-Kelly KJ  
Admissions Committee, Case Reader  
Graduate Education and Faculty Research Affairs Committee  
Faculty Affairs Committee  
Promotion and Tenure Teaching Subcommittee  
Steering Committee for ACPE Self-study  
Executive Summary Subcommittee for ACPE Self-study

Mason BJ  
Physical, Clinical, Library and Financial Resources Committee for ACPE Self-Study, Chair  
Assessment Committee

Rhodes RS  
Graduate Education and Faculty Research Affairs Committee  
Search Committee for Nontraditional Program Assistant Director Position  
Early Practice Experiences Study Group  
Nontraditional Pharm.D. Admissions Committee

Wells BG  
Administrative Council, Chair  
Nontraditional Pharm.D. Program Advisory Committee  
Organization and Administration for ACPE Self-study Subcommittee, Chair  
Physical, Clinical, Library and Financial Resources Self-
Study Subcommittee for ACPE Self-study

University Service

Adamcik BA
ISU Faculty Senate
Research Coordinating Council
College of Education’s Tenure and Promotion Committee
Idaho Conference on Health Care Planning Committee, College of Health Professions
ISU 1999 Health Fair Planning Committee, College of Health Professions
Academic Program Development in Gerontology Planning Committee, College of Health Professions
Senior Health Clinic Advisory Board, College of Health Professions

Beckwith J
University Library Committee
Idaho Health Sciences Library Advisory Committee

Force RW
Community HIV Resource Clinic, Department of Family Medicine
Research Day Committee, College of Health Professions
Faculty Search Committee, Department of Family Medicine

Gould T
University Curriculum Council

Heyneman C
Public Service Award Committee

Hurley SC
General Education Committee

Jue SG
Focus on Learning in Student Evaluations Discussion Group. Spring 1999

Larson RA
Human Subjects Committee

Wells BG
Promotion and Tenure Appeals Committee
Search Committee for Director of Enrollment Planning Technology Oversight Committee
University Research Committee
Dean’s Council
NCAA Steering Committee, Chair

Local, State, & Regional Service

Adamcik BA
Pocatello Medical Ethics Committee

Beckwith J
Idaho State Pharmacy Association, Delegate from SEIPA
Idaho Society of Health-Systems Pharmacists
Southeastern Idaho Pharmacy Association
Idaho Health Information Association

Culbertson VL
Idaho Pharmacy Leadership Council

Erramouspe J
Idaho State Pharmaceutical Association
Southeastern Idaho Pharmaceutical Association

Force RW
Idaho Society of Health Systems Pharmacists

Hefflinger RG
Idaho Society of Health Systems Pharmacists, Education Committee
Idaho Pharmaceutical Care Consortium, Education Committee
Capital Pharmacists Association
Idaho Society of Health Systems Pharmacist
Idaho Pharmaceutical Association

Heyneman C
Idaho Coalition for Cancer Pain Relief

Hitt C
Idaho Society of Health-System Pharmacists

Jue SG
Idaho Epilepsy League Professional Advisory Board
Idaho Society of Health Systems Pharmacists
Idaho State Pharmaceutical Association

Larson RA
Pocatello Medical Ethics Committee

Liday C
Idaho Society of Health-System Pharmacists

Madaras-Kelly KJ
Idaho AIDS Drug Assistance Program, State of Idaho Dept. of Health and Welfare, Advisory Committee

Mason BJ
Idaho Pharmacy Leadership Council
Idaho Society of Health Systems Pharmacists, Board of Directors
Idaho Society of Health System Pharmacists, President
Idaho Pharmacy Education and Research Foundation, Board
Appendix I

of Directors
Idaho Pharmaceutical Care Consortium, Chair

Wells BG
Idaho Pharmacy Leadership Council
Idaho Society of Health-System Pharmacists
Idaho State Pharmacy Association
Mid-south College of Clinical Pharmacy
Southeastern Idaho Pharmacy Association
Tennessee Pharmacy Association

National & Nonregional Service

Beckwith J
American Pharmaceutical Assn., Delegate from ISPA
American Society of Health-System Pharmacists
American Association of Colleges of Pharmacy

Erramouspe J
Pediatric Pharmacy Advocacy Group
American Society of Health-System Pharmacists

Force RW
Ambulatory Care Practice and Research Network, American College of Clinical Pharmacy, Chair-elect
American College of Clinical Pharmacy, Task Force on Compensation
American College of Clinical Pharmacy, Clinical Practice Affairs Committee
Society of Teachers of Family Medicine
Working Group on Pharmacotherapy
Working Group on Evidence-Based Medicine
Ambulatory Care Practice and Research Network, American College of Clinical Pharmacy, Web Site/Listserver Management and Development
North American Primary Care Research Group
Society of Teachers of Family Medicine
Ambulatory Care Practice and Research Network of the American College of Clinical Pharmacy
American College of Clinical Pharmacy
American Association of Colleges of Pharmacy
American Society of Health Systems Pharmacists

Hefflinger RG
American Association of Colleges of Pharmacy, Teaching And Outcomes Committee of the Council Of Faculties
American Society of Hospital Pharmacists
American Pharmaceutical Association
Society of Teachers of Family Medicine
American Association of Colleges of Pharmacy

Heyneman C
Operation Immunization

American Association of Colleges of Pharmacy
Geriatrics SIG, AACP
Women Faculty SIG, AACP
Rho Chi Society
Phi Lambda Sigma
American Society of Health-System Pharmacists

Hitt C
American Association of Colleges of Pharmacy
American College of Clinical Pharmacy
American Society of Health-System Pharmacists
American Society for Microbiology

Jue SG
American Society of Health Systems Pharmacists
Capital Pharmaceutical Association
American Chinese Pharmaceutical Association
ASHP Section of Clinical Specialists

Liday C
American Association of Colleges of Pharmacy
American College of Clinical Pharmacy
American Pharmaceutical Association
American Society of Health-System Pharmacists
Ambulatory Care Practice and Research Network, AACP

Lott RS
American Society of Health-System Pharmacists, Section of Clinical Specialists, Programming Committee

Mason BJ
American Society of Health System Pharmacists, Delegate

Wells BG
American Association of Colleges of Pharmacy
Chair of the Council of Deans
Board of Directors
Administrative Board of the Council of Deans
Section of Teachers of Pharmacy Practice
Women’s Faculty SIG
SIG on Electronic-based Education Resources
American College of Clinical Pharmacy
Board of Regents
Education Committee, Board Liaison
Task Force on Chapters, Board Liaison
Central Nervous System Practice and Research Network, Board Liaison
Board of Pharmaceutical Specialties
American Pharmaceutical Association
Activity Classification Project, Panel Reviewer
American Society of Health-System Pharmacists
American Public Health Association
American Society of Health-System Pharmacists
Phi Lambda Sigma
Rho Chi Society

Institutional/Patient Care Committees

Force RW
Clinical Pharmacist, ISU Family Medicine, Pocatello, ID
Clinical Pharmacist, Primary Care Specialists, Pocatello, ID

Gould T
Clinical Pharmacy Services SE Idaho VA Outpatient Clinic
Clinical Pharmacy Services PRMC Hemodialysis Unit

Hitt C
St. Alphonsus Regional Medical Center
Pharmacy and Therapeutics Committee
Community Acquired Pneumonia Protocol Team

Hurley SC
State Hospital South Pharmacy and Therapeutics Committee

Jue SG
Boise VA Medical Center
Drug Use Evaluation Subcommittee
Patient Medication Education Subcommittee
Pharmacy and Therapeutics Committee, Vice-Chair
Nutrition Support Committee

Lott RS
Boise VA Medical Center
Drug Use Evaluation Subcommittee of Pharmacy and Therapeutics Committee

Madaras-Kelly KJ
Joint VAMC - St. Luke’s RMC Mountain States Tumor Institute Investigational Review Board

Rhodes RS
Idaho State Veterans Home-Pocatello
Director of Pharmacy Services
Clinical Pharmacist
Coordinator of Clinical Pharmacy Inservices
Boise VA Medical Center
Drug Use Evaluation Subcommittee of Pharmacy and Therapeutics Committee

International Service

Beckwith J
FIP (International Pharmacy Association)

Hitt C
International Society for Pharmacoeconomics and Outcomes

Research

F. Grants and Contracts

Adamcik BA. Use of alternative health practitioners, alternative therapies, Nutritional supplements, and herbal remedies by Idaho consumers. ISU University Research Committee. $5,000. December 1998.


Force RW, Liday C. Health status and personality traits among participants in a clinical research trial compared with non-participating controls. ISU University Research Committee. $9,039. May 1999.

Force RW, Cree J. Study coordinator. ISU Research Infrastructure Funding. $7,150. August 1998


1998.


**Hefflinger R.** *Clinical pharmacy services.* Family Practice Medical Center of Idaho Inc. $37,350.24, July 1998.


**Jue SG.** *Ambulatory Care Pharmacy Resident Training.* Primary Care Practice, Office of Academic Affiliations, Department of Veterans Affairs, Washington, D.C. $57,000. July 1998.


**Larson RA.** *Patients’ willingness to pay for pharmaceutical care.* ISU Faculty Research Committee. $3,098. December 1998.

**Lott RS.** *Psychopharmacy Residency Training.* Warner-Lambert/Parke-Davis. $5,000. April, 1999.

**Madaras-Kelly KJ.** *A prospective analysis of regional and national in-vitro susceptibility of common respiratory tract pathogens to moxifloxacin and comparators.* Bayer Inc. $5,000. April 1999.


**Mason B.** *Primary care residency grant.* PRIME Program. $59,000. July 1998.


**G. Community Service**

**Beckwith J**  “On-Call”. KWIK Radio, Co-host

**Cady P** Scout Master, Pocatello

**Hefflinger RG** Poison Prevention Week Parents & Youth Against Drug Abuse- PAYADA, Facilitator

**Heyneman C** Poison Prevention Education to Early Learning Center and Baby U, Pocatello, ID

**Hitt C** Medication Education Program, St. Alphonsus RMC Parish Nurse and Northwest Parish Nurse Ministry

**Hurley SC** Clinical Consultant for the Southeast District Health Department Clinical Consultant for the Blackfoot Adult Mental Health Unit

**Lott RS** Epilepsy Foundation of Idaho, Professional Advisory Board “Epilepsy Update ‘98” Planning Committee Co-Presenter Depression: The Illness and Its Treatment. ISU Student Chapter, Idaho Society of Health-System Pharmacists/
Idaho Pharmacists Association: Speaker: Public Education Program: Pocatello, ID February 1999

Mason BJ
Operation Feed the Homeless, Tucson, Arizona, Roosevelt Elementary School Volunteer

Wells BG
Pocatello Rotary Club, Program Committee

H. Peer Reviewers & Editorial Positions
(Reviewer unless otherwise stated)

Adamcik BA
American J. of Pharmaceutical Education

Beckwith J
Annals of Pharmacotherapy, Editorial Board
Annals of Pharmacotherapy
Pharmacist’s Letter, Editorial Board

Cady P
Clinical Therapeutics

Culbertson VL
American Journal of Pharmaceutical Education

Erramouspe J
The Annals of Pharmacotherapy - Editorial Panel Member for Pediatrics
The Annals of Pharmacotherapy

Force RW
Journal of Family Practice
Annals of Pharmacotherapy
STEPped Care - An Evidence-Based Approach to Drug Therapy, Journal of the American Board of Family Practice, Feature Editor
Annals of Pharmacotherapy - Ambulatory Care and Family Medicine, Editorial Advisory Panel
Prescriber’s Letter, Editorial Advisory Panel
Pharmacist’s Letter, Editorial Advisory Panel
Fax CE, University of Illinois at Chicago College of Pharmacy and Pfizer, Inc., Editorial Advisory Panel
American College of Clinical Pharmacy Annual and Spring Meetings
North American Primary Care Research Group Annual Meeting

H. Awards and Other Noteworthy Accomplishments

Erramouspe J

Heyneman C
1999 ISU College of Pharmacy Teacher of the Year, P3 Class. May, 1999.

Lott RS
1999 ISU College of Pharmacy Teacher of the Year, P4 Class. May, 1999.
Director’s Achieving Center Goal Award. Boise VA Medical Center: In recognition of efforts to meet Mental Health/Pharmacy Cost Control goals. May, 1999.

Madaras-Kelly KJ
Clinical Pharmacy Specialist (CPS). Prescriptive authority for all aspects of care for Boise VAMC HIV Clinic
patients.

**Wells BG**
Outstanding Alumna, University of Tennessee College of Pharmacy.
Judy Saklad Lecture Award, College of Psychiatric and Neurologic Pharmacists, Lake Tahoe, NV, March 1999.

Rex Force, Pharm.D., (r) Dave Hachev, Pharm.D., and patient at the ISU Family Medicine Clinic.
Appendix II

Department of Pharmaceutical Sciences

Appendix II presents courses taught and notable accomplishments of Idaho State University’s College of Pharmacy Department of Pharmaceutical Sciences faculty completed during Fiscal Year 1998 (July 1, 1997, to June 30, 1998). Courses are listed by course number and graduate classes are listed separately. Accomplishments are reported in the areas of publications: abstracts, articles, books and book chapters; presentations; professional service: college, university, local, state and regional, national and nonregional, international; grants and contracts; community service; reviewers and editorial positions; and awards and other noteworthy accomplishments. Accomplishments are listed either alphabetically, by formal citation, or, in uncited accomplishments, alphabetically by faculty member last name.

A. Department Courses

The following courses were taught and reported to the ISU’s Office of Institutional Research by the Department of Pharmaceutical Sciences faculty during the 1998-99 academic year.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSCI 205</td>
<td>Drugs in Society</td>
<td>D Diedrich, C Nelson</td>
</tr>
<tr>
<td>PSCI 314</td>
<td>Basic &amp; Applied Pharmacology</td>
<td>D Diedrich</td>
</tr>
<tr>
<td>PSCI 316</td>
<td>Essentials of Pharmacology</td>
<td>C Daniels, C Nelson</td>
</tr>
<tr>
<td>PSCI 317</td>
<td>Drug Therapy</td>
<td>C Daniels, C Nelson</td>
</tr>
<tr>
<td>PHAR 645</td>
<td>Pharmacotherapeutics for Nurse Practitioners</td>
<td>C Daniels</td>
</tr>
</tbody>
</table>

**SERVICE**

- PSCI 401 Case Studies in Pharmacy I
- PSCI 402 Case Studies in Pharmacy II
- PSCI 423 Pharmaceutics I
- PSCI 424 Pharmaceutics II
- PSCI 424L Pharmaceutics II Lab
- PSCI 425 Pharmaceutics III
- PSCI 425L Pharmaceutics III Lab
- PSCI 455 Medicinal Chemistry I
- PSCI 456 Medicinal Chemistry II
- PSCI 465 Pharmacology I
- PSCI 466 Pharmacology II
- PSCI 467 Pharmacology III
- PSCI 529 Clinical Pharmacokinetics
- PSCI 537 Professional Student Seminar
- PSCI 568 Toxicology
- PPRA 563 Adv Parenteral Products

**PROFESSIONAL**

- A Bhushan, C Daniels, L Devaud, D Diedrich, E Jarvi, T LaHann, C Wilson
- N Das, S Das, E Jarvi, A Ratka
- A Ratka
- S Das
- C Daniels, D Diedrich, E Jarvi, T LaHann
- C Daniels, S Das, E Jarvi, J Lai
- C Daniels, D Diedrich, L Devaud, C Wilson
- T LaHann, C Wilson
- A Bhushan, C Daniels, J Lai
- D Sawyer
- D Diedrich
- T LaHann
Appendix II

GRADUATE
PSCI 523 Pharmacuetics I
PSCI 524 Pharmacuetics II
PSCI 525 Pharmacuetics III
PSCI 565 Pharmacology I
PSCI 566 Pharmacology II
PSCI 567 Pharmacology III
PSCI 601 Graduate Seminar in Pharmaceutical Sciences
PSCI 603 Scientific Writing
PSCI 605 Prin. Instrumental Techniques
PSCI 606 Selected Techniques in Laboratory
PSCI 607 Research Foundation in PSCI
PSCI 622 Principles of Toxicology
PSCI 653 Biopharmaceutical Analysis
PSCI 654 Applied Pharmacokinetics
PSCI 655 Biopharmaceutical Analysis
PSCI 698 Dissertation Research
PSCI 699 Dissertation

N Das, S Das, E Jarvi
S Das
S Das
C Daniels, L Devaud, D Diedrich, C Wilson
T LaHann, C Wilson
A Bhushan, C Daniels, J Lai
E Jarvi
J Lai
C Daniels
E Jarvi
A Bhushan, L Devaud
E Jarvi, J Lai
E Jarvi
E Jarvi
A Ratka
E Jarvi
E Jarvi
C Daniels, E Jarvi, A Ratka
E Jarvi

B. Publications

Abstracts


Hanson CL, Scott AM, Clark MK, Daniels CK. IL6 and cyclic AMP signaling cross-talk controls apoptosis and caspase 3 activity in the 7TD1 B cell hybridoma. Molecular Biology of the Cell, 1998;9:488.


Irvin BJ, Luce CM, Smith LH, Daniels CK. Cyclic AMP and IL6-signaling pathway cross-talk: Co-modulation of proliferation and apoptosis in the 7TD1 B cell hybridoma. Experimental Cell Research, 1999;in press.


Articles


Irvin BJ, Luce CM, Smith LH, Daniels CK. Cyclic AMP and IL6-signaling pathway cross-talk: Co-modulation of proliferation and apoptosis in the 7TD1 B cell hybridoma. Experimental Cell Research, 1999;in press.


Grobin AC, Matthews DB, Devaud LL, Morrow AL. The role of GABAA receptors in the acute and chronic effects of ethanol. Psychopharmacology 1998;139:2-19.


Matthews DB, Overstreet DH, Rezvani AH, Devaud LL, Morrow AL. Comparisons of different sweetened ethanol solutions on ethanol self-administration and blood ethanol levels. Pharmacology Biochemistry and Behavior. 1999;in press.


Books and Book Chapters


C. Presentations


Bhushan A. Regulation of methotrexate by phosphorylation. Idaho State University Department of Biological Sciences. Pocatello, ID. December 1999.


Scott AM, Luce C, Daniels CK. Cyclic AMP and IL6 co-modulate apoptosis and caspase 3 (CPP32) activation in the 7TD1 B cell hybridoma cell line. AACP Annual Meeting. Snowmass, CO. July 1998.


Devaud LL. The influence of gender on brain neuroadaptations to chronic ethanol exposure. Seminar presentation to graduate students, Department of Psychology, Idaho State University. Pocatello, ID. December 1998.


LaHann, TR. Clinical perspectives in NCT: The biomedical researcher’s viewpoint. Eighth International Symposium on Neutron Capture Therapy for Cancer. La Jolla, CA. September 1999.


**D. Professional Service**

Our faculty hold memberships in the following college, university, local, state, national, and international committees and organizations. Positions above membership are noted.

**College of Pharmacy Service**

**Bhushan A**
- Ad hoc Work Load Policy Sub-Committee
- Instrumentation Committee
- Faculty Affairs Subcommittee-Faculty Teaching/Learning Recommendations
- Ad hoc Committee for Developing Mission Statement-Graduate Program

**Daniels CK**
- Graduate Education and Faculty Research Affairs Committee
- Administrative Council
- Accreditation Self Study Steering Committee - Co-Chair

**Das SK**
- Technology Committee

**Devaud LL**
- Curricular Affairs Committee

**Jarvi EJ**
- Assessment Committee
- Faculty Affairs Committee
- Nontraditional Pharm.D. Policies & Procedures Committee
- Pharmaceutics Search Committee, Chair
- WebStudies
- Administrative Council
- PSCI Graduate Program, Co-chair
- Graduate Education and Faculty Research Affairs Committee

**LaHann TR**
- Library Liaison, College of Pharmacy
- College Representative: United States Pharmacopeial Convention

**Lai JCK**
- Assessment Committee
- Student Affairs Committee
- Pharm.D. Students Advisor
- Pharmaceutical Sciences Department Committees:
  - Graduate Students Admission Committee
  - Graduate Program
  - Pharmaceutics & Pharmacology Faculty Search Committee

**Ratka A**
- Medicinal Chemistry Faculty Position Search Committee
- Pharmaceutics Faculty Position Search Committee
- Graduate Education and Faculty Research Affairs Committee, Chair
- Curricular Affairs Committee

**Wilson CM**
- Graduate Education and Faculty Research Affairs Committee
- Faculty Affairs Committee
- FAC Promotion and Tenure Subcommittee
- Pharm.D. Admissions Interviewer
- PSCI Graduate Admissions Committee
- PSCI Pharmacology/Pharmaceutics Search Committee
- PSCI Graduate Programs Co-Coordinator
- PSCI Graduate Student Petition Subcommittee

**University Service**

**Bhushan A**
- University Honors Program

**Daniels CK**
- Biosafety Committee
- Research Coordinating Council
- Radiation Safety Committee

**Das SK**
- Council of Teaching and Learning
- Undergraduate Science Symposium

**Jarvi EJ**
- Animal Welfare Committee
- Faculty Senate
- Faculty Senate Executive Committee
- Council of Professional Employees Grievance Committee
- Biological Sciences Promotion Committee

**Lai JCK**
- Hazardous Waste Management Council
- Speakers and Artists Committee
- Asian Students Association, Advisor
- Tenure Committee of Dr. Solomon Leung (College of Engineering)
- Promotion and Tenure Committee of Dr. Stephen Dunn (College of Business)
- Promotion Committee of Dr. B.K. Rao (College of Engineering)
- Promotion Committee of Dr. Ken Bosworth (Department of Mathematics, College of Arts & Science)
- Joint Biology Research Group
- Molecular Biology Core Facility

**Ratka A**
- Graduate Council
- Research Coordinating Council
- University Research Committee
- Radiation Safety Committee
- Biosafety Committee
- Outstanding Student Achievement Award Selection Committee
Appendix II

Wilson CM
Professional Policies Council
Graduate Faculty
Professional Women
Molecular Core Research Group

Local, State, & Regional Service

Bhushan A
Idaho Academy of Sciences

Daniels CK
Mountain States Medical Research Institute, ISU
Coordinator and Research Committee Member

Ratka A
Idaho Coalition for Cancer Pain Relief, President
ISHP
SEIPA

Wilson CM
Mountain States Medical Research Institute (and Cardiovascular Section)
Alpha Upsilon Chapter of Rho Chi
Phi Lambda Sigma

National & Nonregional Service

Bhushan A
American Association of Colleges of Pharmacy
American Society of Biochemistry and Molecular Biology
American Association of Cancer Research
John Hopkins Surgical and Medical Association, John Hopkins University, Baltimore
Sigma Xi
State Legislative Committee-American Association of Cancer Research

Daniels CK
American Association of Colleges of Pharmacy
American Association for Pharmaceutical Sciences
American Association for the Advancement of Science
American Society for Pharmacology and Experimental Therapeutics
Sigma Xi
Society for Mucosal Immunology

Das SK
Conference on Pharmaceutical Sciences & Technology, Organizing Committee
AAPS - APQ Meritorious Manuscript Award Committee
AAPS - APQ Professional/Student Affairs Committee

Jarvi EJ
American Association of Colleges of Pharmacy, Graduate and Research Liaison

Ratka A
Society for Neuroscience
American Pain Society
ASHP
APhA
AACP

Wilson CM
AACP Recruiting and Membership Services Committee
American Physiological Society Mentor
American Diabetes Association
American Physiological Society
American College of Sports Medicine
American Heart Association
American Association of University Professors
Sigma Xi

International Service

Lai JCK
International Advisory Committee of the Fourth International Conference on Brain Energy Metabolism, U.K

Wilson CM
International Diabetes Athletic Association

E. Grants and Contracts


Bhushan A. Travel grant awarded by Merck Seminars to present work from the laboratory in Denver, CO. June 5, 1999.

Daniels CK. Identification of cloned, IL6/cyclic AMP co-regulated genes controlling programmed cell death. Idaho State University Faculty Research Grant. $4,000. June 1999.


Devaud LL. Gender specific effects of ethanol on GABAA receptors. PHS Grant Number AA00191, Scientist Development Award through NIAAA. Final year transferred to ISU. $489,207. September 1994 - August 1999.

Jarvi EJ. *Assay development and quality assurance assays for OTC preparations.* Melaleuca. $52,821. July 98 - April 99

LaHann TR. *Clinical research on the bioavailability of non-conventional pharmaceuticals.* Idaho State University Research Committee. $15,000. August 1998.


Wilson CM. *Characterization of the glucose utilization of a human skeletal muscle cell line.* ISU Faculty Research Grant. $4,000. January 1999.


**F. Community Service**

Bhushan A
How to be a Scientist? Gate City Elementary-First and Third Grade. Pocatello, ID
Indian Culture and Festivals. Gate City Elementary Third Grade. Pocatello, ID

Devaud LL
How to be a Scientist? Gate City Elementary-First and Third Grade. Pocatello, ID

Jarvi EJ
Director of Recreation and Board Member, Idaho Youth Soccer Association
Teach weekly science classes (6 hr/month) for Indian Hills 3rd grade and Irving JH 7th grades. Pocatello, ID

LaHann TR
Medicolegal Consulting – multiple law offices and environmental toxicology consultant, Idaho Attorney General’s office

Ratka A
Pocatello Free Clinic
Idaho Coalition for Cancer Pain Relief

**G. Peer Reviewers & Editorial Positions**

**(reviewer unless otherwise noted)**

Daniels CK
Journal of Pharmacology and Experimental Therapeutics
In Vitro Cellular & Developmental Biology

Das SK
International Journal of Pharmaceutical Compounding
Judge for R & D 100 Innovations

Devau LL
Pharmacology. Biochemistry and Behavior
Journal of Pharmacology and Experimental Therapeutics
Brain Research
Toxicology Letters

Jarvi EJ
Journal of Chromatography (Biomedical Applications)
Pharmaceutical Research
Int J of Pharmaceutical Compounding

LaHann TR
Annals of Pharmacotherapy
Proceedings of the Eighth International Symposium on NCT
Toxicology Textbook Proposal – Williams & Wilkins

Lai JCK
Metabolic Brain Disease, Editorial Board
Neurochemical Research, Editorial Board
Developmental Neuroscience
Journal of Neurochemistry
Journal of Neuroscience Research
Neurochemistry International
Neuroscience Letters
Neurotoxicology.

Wilson CM
Life Sciences (Elsevier Pub.)

**H. Awards and Other Noteworthy Accomplishments**

Daniels CK
1999 College of Pharmacy Teacher of the Year, P1 Class. May 1999.

Jarvi EJ
Most Influential Professor, ISU Alumni Association, March 1999.
Outstanding Public Service Award, ISU, March 1999.

LaHann TR
“Who’s Who in Science and Engineering.”
“Who’s Who in Medicine and Healthcare.”

Lai JCK
Idaho State University Master Teacher Award 1998-1999.
Idaho State University Distinguished Teacher Award 1999.

Wilson CM