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From the Dean

The 1995-96 calendar year was a year of transition toward stabilization.

Dr Dana Diedrich vacated the position of Interim Dean to resumed his position as Chair of the Department of Pharmaceutical Sciences as I stepped into the Dean’s position on July 1. Similarly, Dr Judy Fontenelle stepped down from the position of Interim Chair of the Department of Pharmaceutical Sciences to resume her prior responsibilities as Professor within that department. The College of Pharmacy is indebted to both Drs. Diedrich and Fontenelle for their leadership and dedication throughout the year. Dr. Paul Cady unselfishly served as Interim Associate Dean during the 1995-96 calendar year while the Search Committee worked diligently to identify an individual to fill this position on a permanent basis. We owe Dr. Cady more than we could ever repay, as he maintained almost all of his prior teaching load, research responsibilities, and service commitments to the College, while taking on his new responsibilities with great energy and competence.

I am pleased to announce that Dr. Virginia Galizia joined us in August 1996 as our new Associate Dean. She has been on the faculty of St John’s University College of Pharmacy for almost 20 years and brings a wealth of experience in teaching, service, research, and University administration. We are honored to have her. The other personnel change during the academic year was the addition to the faculty of Dr. Cindy Wilson from the National Institutes of Health. Dr. Wilson is teaching in the pharmacology sequence, and she has initiated her research program and become quite active in community service.

My first year as Dean has been a year of planning for the future. The process began with the faculty retreat held in September 1995. The faculty drafted a mission statement, goals, and objectives, and they continue to work diligently to refine and expand these documents. Additional input has been sought from the Dean’s Advisory Council and student leaders, and the new plan will likely be adopted by the faculty by the end of fall semester 1996.

The new curriculum has now been fully implemented. New courses added to the professional curriculum this year include current topics, pharmaceutical care, and the third year of the case studies sequence. Although fine-tuning of new courses will be necessary and is already in progress, it is clear that these courses have made important contributions to an evolving curriculum that reflects a changing practice. The Case Study course, in particular, is a model sequence for teaching problem solving and critical thinking.

The greatest disappointment of the year was the permanent two percent budget holdback which in effect reduced the College’s appropriated budget by approximately $44,000. This resulted in a real and painful reduction of support for faculty and staff salaries, materials, and supplies.

More than 280 individuals applied for admission to the College of Pharmacy for the class beginning in fall 1996. The average grade point average (GPA) of the 50 students who were accepted was 3.45. These fine students will continue the tradition at the College for pursuit of academic excellence and professional achievement.

The Nontraditional Doctor of Pharmacy Program is intended for practitioners who have received a Bachelor’s degree in Pharmacy, hold a valid license to practice in the United States, and desire the opportunity to earn their Doctor of Pharmacy degree without returning full-time to a college campus. Approximately 200 clerkships sites have been established to date across the United States, and 223 students are enrolled in the program. Forty to 50 students are admitted annually, and 68 students have graduated. An advisory committee was established this year to assist program faculty and staff in dealing with special requests inherent to
an independent study program. Feedback from students and faculty regarding this program are excellent.

The graduate program in the Pharmaceutical Sciences offers the M.S. and Ph.D. degrees, which may be earned with study in one of two major focus areas: Pharmaceutical Sciences and Pharmacy Administration (social and administrative sciences). During the academic year three M.S. degrees and two Ph.D. degrees were conferred.

The residency program continues to expand in conjunction with the Boise VAMC, Southeastern Idaho VA Clinic, Pocatello Veterans Home, ISU Family Medicine Residency Program, and the Boise Family Practice Residency Program. Currently seven residents are placed at these sites under the supervision of ISU College of Pharmacy faculty. At present, we are seeking funding from local wholesalers to initiate residencies in Community Pharmaceutical Care. We are, indeed, pleased with the growth of our residency program.

The Idaho Drug Information Service (ID-DIS) responded to approximately 1,500 requests from Idaho health professionals for patient-related drug information during the year. The ID-DIS does an amazing job in view of their limited funding. The staff has access to all the holdings of the Idaho Health Sciences Library, and maintains an additional 25 journal titles through subscription or donation. Electronic Databases purchased include Micromedex and International Pharmaceutical Abstracts. In 1995, the ID-DIS began publishing a quarterly newsletter called Request and Response which is written by faculty and students. The ID-DIS internet home page was also established in 1995 which includes an e-mail address for direct information requests.

The Institute for the Advancement of Pharmaceutical Care was officially established by the College of Pharmacy on October 19, 1995. Its mission is to promote the advancement of the profession of pharmacy towards the patient-centered philosophy of pharmacy practice which is termed “Pharmaceutical Care.” This mission is carried out through education, research, and service. Several promising research projects are currently being developed by the Institute, and institute faculty are working with the leadership of the Idaho State Pharmacy Association to identify the most meaningful and feasible mechanisms for the College to assist in training Idaho pharmacists to deliver pharmaceutical care.

The College of Pharmacy is committed to assist in meeting the continuing education needs of pharmacists in Idaho. During spring 1996, two Sunday programs were delivered over the compressed video network, one in Pocatello and Boise and one in Pocatello and Post Falls. Both of these programs were well attended, and the College anticipates continuing to offer cutting-edge programs using distance learning technology. A Continuing Education Advisory Committee was established in 1996 to assist faculty in planning and delivering programming tailored to the needs of Idaho pharmacists. Over the past year, the College offered 14 independent study courses, and an additional 12 Pharmat courses were offered. Overall, 34 pharmacists participated in self-paced home study courses.

Alumni and friends continue to be very supportive of the College, and without their help excellence in pharmacy education would be unattainable at ISU. The Phonathon continues to be the cornerstone of our annual giving program. During the year, over $8,000 in product contributions were made to our Pharmacy Practice Laboratory, and over $12,000 in new scholarship contributions were received. Major gifts were received from two alumni. The benevolence of these generous friends and alumni truly do make a difference in the educational and student support programs which we provide. The success we experienced during the 1995-96 year continues to be due to the sustained recruitment of highest quality faculty and students and the financial support of corporations, government and alumni. I want to thank all of them for their unwavering support.

Barbara G. Wells, Dean
Mission & Goals

The College of Pharmacy is the state of Idaho’s agent for the education of pharmacy practitioners. This mission includes the delivery of both prelicensure education and the upgrading of practitioners. Moreover, as a major comprehensive health sciences academic program in Idaho, the College is the State’s resource for the scientific investigation of pharmaceutically-related health issues and the largest repository for expertise in pharmacy practice and, in collaboration with the Boise Veterans Affairs Medical Center, biomedical science.

GOALS: The following are the goals of the College as established in 1990. The faculty, staff and students are at present engaged in strategic planning and will have a newly-revised mission and goals statement finalized during fiscal year 1997.

1. Enhance communications among the faculty.
2. Foster programs and activities to encourage pharmacy students to consider post-Pharm.D. educational opportunities.
3. Equalize the workloads among the faculty.
4. Establish centers of excellence that will be the foci of research and educational programs within the College.
5. Improve professional relationship with pharmacy practitioners.
6. Study innovative curricular development.
7. Increase the applicant pool for the professional program.
8. Enhance the College’s culture towards faculty scholarship.

1995 College Committees

Committees are comprised of faculty members and students. Faculty members serve two-year terms, other than those serving as representatives of University Committees, who may serve three- or five-year terms. Students are appointed annually. Faculty representatives are elected by their colleagues for the Faculty Affairs Committee and University Committees; departmental representatives on other standing committees are appointed by the Administrative Council of the College.

Curricular Affairs Committee
Rodney Larson (Chair)
Paul Cady (Ex Officio)
Judy Fontenelle
Kristy Fordyce (Student)
Catherine Heyneman
Eugene Isaacson
James Lai
Karl Madaras-Kelly
Mark Phillips (Student)

Student Affairs Committee
Paul Cady (Chair, Ex Officio)
John Bowie (Student)
Vaughn Culbertson (Ex Officio)
John Erramouspe
Thomas LaHann
Clive Nelson
Cathy Ramos (Student)
William Sharp

Graduate Education & Faculty Research Affairs Committee
Barbara Adamcik (Co-Chair)
James Lai (Co-Chair)
Patricia Bartlome’
Vaughn Culbertson (Ex Officio)
Dana Diedrich (Ex Officio)
Robert Goettsch
Cary Mobley
Brenda Phelan
Sugit Sansgiry (graduate student)

Faculty Affairs Committee
James Lai (Chair)
Barbara Adamcik
Marcus Cook
Chris Daniels
Eric Jarvi
Shirley Reitz
College of Pharmacy

Teaching & Research, the Core of Pharmacy

Eugene O Leonard Hall (Pharmacy) in Spring
Admissions

To better serve the constituency of Idaho, a multifaceted program has been developed to recruit for the traditional Doctor of Pharmacy program.

The pre-pharmacy curriculum has been designed so that all required courses are available at all nine Idaho institutions of higher learning: Albertson College, Boise State University, College of Southern Idaho, Idaho State University, Lewis-Clark State College, North Idaho State College, Northwest Nazarene, Ricks College and the University of Idaho. Pre-pharmacy advisors have been identified on each campus. These advisors are contacted, at a minimum, on an annual basis.

To provide a broader pharmacy background, pre-pharmacy clubs have been established at the four schools that provide the majority of ISU applicants: Boise State University, College of Southern Idaho, Ricks College and Idaho State University.

Potential recruits that visit the ISU campus meet with either the Associate Dean or the Assistant to the Dean for Student Services. Additionally, the College is actively involved in ISU-based recruitment efforts at both the high school and college transfer levels.

More than 1,500 inquiries were received for 1995-96. All who inquired received a cover letter of general information, an enclosure outlining the program and, if requested, an application.

By the February 1995 deadline, 282 completed applications were received for admission into the Doctor of Pharmacy program in fall 1995. Eighty applicants were invited to interview for the program. The interview process included a campus tour, one-on-one interviews with a faculty member from each of the two departments, a group discussion on an ethical issue followed by a written analysis by the student.

Selection factors considered before issuing an invitation to interview included: overall grade point average, science grade point average, letters of recommendation, exposure to pharmacy, statement of intent and residency. Once invited for an interview, faculty looked for motivation and an ability to communicate both verbally and in written format.

Of the 50 students chosen to enter the program in fall 1995, 84 percent are Idaho residents. Diversity within each class is critical to the quality of education pharmacy students receive. To enhance the cultural, educational and experiential background, 16 percent of the entering class are non-residents. It is also important that all regions of the state be represented.

Demographics for the 1995 entering class are listed below. Any discrepancies with national statistics can be directly correlated to the applicant pool or the demographics of the state of Idaho. The average age of the student is consistent with previous years; however, the educational background continues to increase, as reflected in the number and types of degrees held.

| Total Qualified Applicants     | 282 |
| Total Students Interviewed    | 78  |
| Total Students Admitted       | 50  |
| Mean Age                      | 25  |
| Males                         | 58 percent |
| Females                       | 42 percent |
| Average grade point           | 3.45 |
| Previous Degrees              |     |
| Associates                    | 12 percent |
| Bachelors                     | 18 percent |
| Masters                       | 2 percent |
| Race:                         |      |
| Caucasian                     | 86 percent |
| Other:                        |      |
| Asian                         | 10 percent |
| Hispanic                      | 4 percent |
| Residency:                    |      |
| Idaho                         | 84 percent |
| United States                 | 14 percent |
| International                 | 2 percent |
| Schools Attended:             |      |
| ISU                           | 58 percent |
| Ricks College                 | 4 percent |
| Boise State Univ              | 6 percent |
| C. South. Idaho               | 12 percent |
| Lewis-Clark                   | 2 percent |
| Other                         | 18 percent |
"The 1995-96 graduates will enter a variety of pharmacy pathways, and find more opportunity than ever before to guide and change the field of pharmacy as we know it."

-Dean Barbara Wells

1995-96 College Graduates

Doctor of Pharmacy Graduates
*(Traditional Pharm.D. Program)*

Paul K. Adam
Timothy E. Allen
Eric E. Andersen
Steven T. Baker
Jeffrey A. Bash
Brent F. Baxter
Kimberly D. Behimer
Bonnie L. Birkland
Carol A. Blackwell
Steven L. Borden
LeAnn R. Botts
Jodie A. Brunsting
Chung Y. Chiu
Nikki M. Creveling
Kyle G. Davis
Ken Dirk
Emil F. Freudenthal, Jr.
Jeffrey P. Gonzales
Carla A. Gudger
Laura J. Hanson
Su Yan Har
Bi Huang
Tony L. Huffman
Gedeon W. LaPlante
Cara A. Lawless
Niki R. Lee
Lisa A. Maxwell
Corey J. Munro
Rhett A. Neighbors
Huy K. Nguyen
Loan T. Nguyen
Lani M. Palauni
Mathew J. Phelan
Angelica Picado
Rebecca A. Plank
Kea L. Sager
Shanna K. Scott
Andrea Serr
Nichell D. Stuart
Ty W. Swensen
Krystal W. Tang
Teresa L. Wenczel
James West
Traci L. Winter
John D. Wooldridge

Doctor of Pharmacy Graduates
*(Non-traditional Pharm.D. program)*

December 1996 Graduates

Martin W. Aebi
Richard D. Ferris
Julie A. Fuller-joiner
Jeannette F. Gabbert
Joseph P. Gomes
Kathy J. Happle
Jane M. Hauer
Barbra J. McEvoy
Rebecca R. Stanton
Carl D. Tunison

May 1996 Graduates

Robert A. Ashley
John J. Chelenes
Vincent J. Colucci
Paula Dilanchian
Lawrence E. Dollar, Jr.
Donna J. Farrell
Joseph P. Gasperino
George M. Haig
Bogomir M. Kuhar
James Lauletta
Robert W. Newman
Marvin W. Orrock
Larry D. Owens
Allen E. Playmale
Robert J. Ruggiero
Deborah A. Smith
Ronald D. Tapley

1995-96 Master of Science

Donelle E. Airment
Balasubramaniyam Nadesan
Shubhada Patil
Daniel R. Walker

1995-96 Doctor of Philosophy

Lauretta M. Isaacson
Xiaoxiong Wei
Kerry L. Casperson

*High Honors  Honors*
Graduation Awards

· Facts and Comparisons Award of Excellence for high academic achievement and outstanding clinical communication skills in a clerkship setting: Bonnie Birkland, Soda Springs, Idaho.

· American Pharmaceutical Association (APhA), Academy of Students of Pharmacy (ASP) Mortar and Pestle Professional Award Sponsored by McNeil, for exceptional service and commitment to the profession of pharmacy through involvement in professional organizations: Jodie Brunsting, Boise, Idaho.

· Lemmon Company Outstanding Student Award for exceptional achievement in the study of pharmacy: Laura Hanson, Boise, Idaho.

· Perrigo Award for excellence in non-prescription medication studies: Matt Phelan, Chubbuck, Idaho.

· Pfizer Pharmaceuticals Award for professional achievement and development in community pharmacy internship. Demonstration of qualities and abilities for community practice: James West, Borrego Springs, California

· Mylan Pharmaceuticals Award for superior proficiency in Drug Information Services: Carla Gudger, Pocatello, Idaho.

· Roche Pharmacy Communications Award for professional achievement and development in effective Pharmacist/Patient communications: Tim Allen, Grover, Wyoming.

· SmithKline Beecham Patient Care Award for superior professional achievement in clinical pharmacy practice and service, especially with regard to patient relations: Angelica Picado, San Diego, California

· Lilly Achievement Award for academic leadership and professional development: Shanna Scott, Reno, Nevada

· Idaho State Pharmacy Association, for superior scholastic achievement and professional development specifically for an Idaho resident: Lisa Maxwell, Pocatello, Idaho.

· Merck Award for scholastic achievement and development in basic pharmaceutical Sciences: Traci Winter, Bessemer, Michigan.

· Dean’s Award for superior academic excellence: Teresa Wenczel, Idaho Falls, Idaho.

Idaho State University’s Outstanding Academic Student Achievement Award for the College of Pharmacy is an award presented to a student nominated by the faculty of the College of Pharmacy. The award is to recognize an academically outstanding student who has significantly contributed to their College and their chosen profession. Shanna K. Scott, Reno Nevada

Financial Aid

As the cost of education continues to increase, students are more dependent upon financial aid. Financial aid comes in the form of grants, scholarships, loans and federal work study programs. Scholarships awarded by the college are made possible through the generous contributions of friends, alumni, and corporations. The following are some financial aid statistics for the 1995-96 academic year regarding pharmacy students:

One-hundred sixty-four traditional Doctor of Pharmacy students received $1,483,451 in federal financial aid in the form of grants, loans and work study funding; the average award was $9,045.

Ten non-traditional Doctor of Pharmacy students received $82,183 in federal financial aid; the average award was $8,218.

Ninety-two students (46 percent of students enrolled in the Pharm. D. program) received $142,726 in scholarship funding from a variety of sources. Of these funds, the College awarded $72,591 to 74 students. These awards are made possible by the generous contributions of friends, alumni and corporations. In the College of Pharmacy, more than $52,000 in scholarship funding was received from the Kasiska Family Foundation.
Students participate in eight student organizations...the student senate facilitates communication between students, pharmacy organizations, the dean and faculty, and coordinates activities of the various student organizations.

### Student Organizations

#### College of Pharmacy Student Senate

Chuck Buerstatte - President  
Shawna Fairbanks - Vice President  
Darvin Clement - Secretary/Treasurer  
Paul Cady, Ph.D. - Faculty Advisor

The governing body for the College of Pharmacy student body is the Student Senate. The Senate is comprised of the president of each professional class, a representative of both graduate programs, the president of each student organization within the college, the editor of *The Refill*, 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 was instrumental in coordinating the annual food drive competition between the classes. Several cases of canned goods were donated to the Salvation Army during the holidays. In addition, the Senate promoted the National Diabetes local fund-raiser, “Kiss-a-Pig”, with the faculty (coordinated by Cindy Wilson, Ph.D.) and raised more than $300 to support this project.

#### American Society of Health-Systems Pharmacists (ASHP)

Bruce Spradlin - President  
Liz Martindale, President-elect  
Tom Schafer - Vice President  
Kelley Mackie - Secretary/Treasurer  
Rex Force, Pharm.D. - Faculty Advisor

During the 1995-96 school year the ASHP student chapter sent 12 members to the annual Idaho Society of Health-System Pharmacists (ISHP) meeting in Sun Valley. The overnight accommodations for this meeting were sponsored by the ISHP. In addition, two members attended the ASHP Annual Meeting in Las Vegas, and one member attended the ISHP spring meeting in Twin Falls.

The ASHP student chapter sold 29 copies of *Goodman and Gillman’s Pharmacological Basis of Therapeutics* to raise funds. The group sponsored a presentation in the spring by Col. Robert M. Craghead, Chief, Department of Pharmacy at Madigan Army Medical Center. The presentation was well received by both students and faculty. The chapter also partially funded and participated in pre-school and elementary school programs for National Poison Prevention Week.

#### The Academy of Students of Pharmacy (ASP)

Lisa Gregory - President  
Clint Rohner - Vice-President  
Molly Long - Secretary/Treasurer  
Eric J. Jarvi, Ph.D. - Faculty Advisor

The Academy of Students of Pharmacy (ASP) is open to all pre-pharmacy and professional pharmacy students. It is affiliated with the American Pharmaceutical Association (APhA) and its membership is the largest pharmacy student organization in the College of Pharmacy. The organization fosters professional development through a number of activities.

The Academy of Students of Pharmacy sponsored the 1995 Pharmacy Fair in October, where 20 companies interviewed students on campus for summer and full-time employment. The Fair also included a dynamic presentation by Ms. Jeane Ann Stasny on implementing pharmaceutical care. Walgreens sponsored the Annual Dutch Oven Dinner, which drew nearly 90 students, faculty and recruiters.

The Annual Spaghetti Feed/Faculty Auction was held in February 1996. Auctioned items ranged from a pan of baklava to a fishing float trip on the Snake River. Attendance and support was tremendous. Proceeds helped fund students’ attendance at future national meetings.

The regional ASP meeting in Spokane was attended by several students; three ASP students traveled to Nashville for the national APhA meeting. The annual Patient Counseling Competition was held early spring semester, and Jeff Faris was selected to represent ISU for the second year at the national competition in Nashville. Experience paid off when Jeff finished in the top 10 finalists nationally!
NARD

Andrea Hoadley - President
Stacey Peterson - Vice President
Scott R. Wood - Secretary/Treasurer
William T. Sharp, Ph.D. - Faculty Advisor

The membership in NARD continues to grow; 32 student members were active in the organization during 1995-96.

The National NARD convention was held in Las Vegas in the fall of 1995. Eight NARD students attended; some of the expenses were defrayed by gracious alumni and through fund-raising within the college (sweatshirts and drug information cards).

In collaboration with ASHP and the College of Pharmacy Student Senate, NARD members participated in Poison Prevention Week with activities including poster preparation and presentations to five area elementary schools. Close to 500 elementary students participated. The project was spearheaded by Cathy Ramos, a third-year professional student.

PHI DELTA CHI

Shawna Fairbanks - President
Darvin Clement - Vice-President
Christopher K. Daniels, Ph.D. - Faculty Advisor

Phi Delta Chi is the oldest of the College of pharmacy student organizations, having been established more than 60 years ago. As an organization, the group participates in the ISU Pharmacy Fair, promotes professionalism, sponsors the annual Homecoming Parade entry, and has adopted a section of the interstate for cleanup. In the last two years, the chapter has completed extensive remodeling on the Phi Delta Chi house. The work was coordinated and mostly performed by member Andrea Hoadley. The house now has several rooms that are rented to pharmacy students.

Phi Delta Chi sponsored the return of the 1996 Pharmacy Bowl on March 28th. Each member of the first place team received a copy of the 6th edition of Applied Therapeutics: The clinical Use of Drugs. Each team was composed of three members, and questions addressed a variety of topics. The regional meeting was held in Denver in April, and several members were able to attend.

PHI LAMBDA SIGMA

Jeff Faris - President
James McNulty - Vice-president
Cathy Ramos - Secretary/Treasurer
Dana Diedrich, Ph.D. - Faculty Advisor

Phi Lambda Sigma is the pharmacy leadership society that recognizes student leaders within the College of Pharmacy. Eleven new members were initiated during spring semester.

In March, the chapter coordinated, with the assistance of the Dean’s Office staff, a leadership conference in Salt Lake City. The morning session was presented by Steve Avey, RPh., who inspired the students, as pharmacists, not to be limited in their view of the profession, and to make the profession responsive to the needs of the public. Dean Wells directed the afternoon session, a strategic planning session for the College. Smiths Food and Drug Stores sponsored a dinner, and the University of Utah College of Pharmacy provided conference facilities.

THE REFILL

Lyn Dye, Lisa Gregory - Editors
Jane Jarvi, M.S. - Advisor

The Refill is the student annual publication that features the activities for the past year within the College. It is distributed to all students and alumni. This year The Refill staff numbered well over 20 students.

RHO CHI

Kevin Ellis - President
Paul Cady - Faculty Advisor

Rho Chi is a national honorary society which 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.
It is perhaps only fitting that at a time when the profession is emersed in an intense examination of its societal mission and contributions, we initiate our inaugural annual report detailing 1995-96 department and college accomplishments.

During the past year, department faculty have implemented a variety of curricular, research, and service activities in an attempt to keep pace with health care reform and the relentless changes which are impacting pharmacy practice and pharmaceutical education. The positive response to this challenge has been extremely gratifying.

The department is blessed with a strong cadre of talented and dedicated faculty as evidenced by exceptional student evaluations. A complete listing of course offerings and curricular responsibilities is reported in Appendix I.

Several curricular changes were implemented during 1995-96. Continuation of the tutorial-based case studies sequence was initiated for the first time in the third professional year. As in the second professional year courses, team problem-solving and critical thinking skills were emphasized. Additionally, the third year sequence focuses skill development in the identification, assessment and therapeutic management of drug-related problems. We anticipate the four semester curricular innovation will significantly enhance the relevance of didactic coursework, reinforce the concepts of pharmaceutical care, and facilitate easier transition into the clerkship curriculum.

A two semester sequence known as pharmaceutical care was also introduced into the third year curriculum in 1995. This course compliments the case studies curriculum through integration of essential pharmaceutical care concepts with an emphasis on communication skills and a fundamental understanding and use of physical assessment techniques. Additionally, skill development in these areas is reinforced through direct application of the assessment, counseling, and appropriate use of nonprescription products.

Two new elective clerkship experiences were also implemented during the past year. A six week rotation with State Board of Pharmacy inspector, Marion Bowen and a Sports Medicine clerkship precepted by Dr. Brenda Story-Phelan received enthusiastic endorsement from students and are a valuable enhancement to the clerkship experiences offered at ISU.

Finally, I would like to recognize Dr. Barbara Adamcik’s contribution to the department’s teaching mission. Barbara was recognized as a nominee for the ISU Outstanding Teacher award and along with graduate student Donelle Airmet, Pharm.D., was selected as one of four award recipients for the 1995 Innovations in Teaching Award sponsored by the American Association of Colleges of Pharmacy (AACP).

A growing 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 16 research projects and 17 educational or service contracts during 1995-96. The addition of Dr. Karl Madaras-Kelly at the Boise VA Medical Center has already proved to be an impressive addition to the department’s research program. Karl was awarded an AACP Young Investigator’s Award (see Appendix I, section III). A similar trend is evident from the list of publications and abstracts authored during the year which includes 31 published articles, six book chapters, and 23 abstracts. Continued growth of the department’s research and scholarship efforts is a high priority goal for the future as we work to enhance our regional and national image.

Committee and patient care service is the final area which I will briefly discuss. As seen from the detailed activities presented in Appendix I including over 100 presentations provided to the lay public, pharmacists, various health care practitioners, and researchers, it is clearly evident that departmental faculty are extremely busy above and beyond their customary teaching responsibilities. Furthermore, faculty are actively engaged in many local, state, and national organizations, contribute through daily patient care responsibilities, and participate in numerous patient care and academic committee work. Although each member of the department deserves recognition for their individual contributions, one individual clearly distinguished himself during 1995-96. Dr. Marcus Cook, clinical faculty member at the Boise VA Medical Center specializing in psychiatric pharmacy practice and substance abuse, received special recognition as the 1995 ISU Distinguished Service Award recipient and the Pharmacy Council on Mental Health’s Distinguished Pharmacist of the Year. These accomplishment’s are truly remarkable. Congratulations Marcus!

I would like to take the opportunity to recognize the nearly 200 adjunct faculty who contribute so importantly to our educational program and to Ms. Beverly Sion, departmental secretary, whose extraordinary skills and abilities in managing the myriad of details each day never cease to amaze me. Thank you for your dedication and devotion to the College and our students; your efforts are essential to our success.

Vaughn Culbertson, Pharm.D.
Chair, Department of Pharmacy Practice and Administrative Sciences
The Department of Pharmaceutical Sciences serves several roles in the ISU College of Pharmacy. Department faculty delivered 21 distinct courses in the basic sciences, some with multiple sections, to pharmacy students in the Pharm.D. professional curriculum. In addition, faculty provided six service courses to other programs on campus, such as nursing, dental hygiene, and physical therapy.

The basic science research efforts in the Department interface with the graduate program where the M.S. and Ph.D. in Pharmaceutical Sciences is offered. During 1995-96, faculty taught 14 graduate courses. Degrees are offered in the specialty areas of pharmacology, biopharmaceutics, biopharmaceutical analysis, and pharmacokinetics. Although the department is relatively small, it represents an enormous breadth of scientific disciplines. Specialty areas residing in the Department of Pharmaceutical Sciences are often divided into three separate departments in other colleges of pharmacy. Thus, our department is faced with a formidable task of covering a broad curriculum and providing an environment where diverse faculty can thrive in their scholarship and research endeavors.

The decline in research funding from both governmental agencies and industrial sources has impacted small institutions with small research infrastructures. However, grant proposals have been written in the College of Pharmacy to address this issue, and faculty in the College have demonstrated a growing interaction with other life science faculty on campus residing in the Department of Biological Sciences.

A growing molecular sciences core instrumentation facility is housed in the Department of Biological Sciences, and this facility has been funded and equipped in part through the College of Pharmacy. The Department generated just over $300,000 in extramural support over FY-1996. The overall health of our scholarship and ability to train graduate students rest entirely on our ability to secure research funds.

Although it is difficult for faculty to compete scientifically with larger and better-equipped institutions, a new strategy for obtaining funding has been growing in the Department. Some faculty have been proactive in identifying a unique niche in which to practice their scientific craft. Dr. Thomas LaHann has established national visibility in drug development for Boron Neutron Capture Therapy (BNCT). Dr. Eric Jarvi has been successful in obtaining contracts to perform quality assurance analyses for a rapidly growing manufacturer of OTC products. Additionally, Dr. Jarvi has taken the initiative to reactivate the ISU mass spectrometry facility housed in the College of Pharmacy on the lower level of Leonard Hall.

Last year, under the leadership of Dr. Judy Fontenelle, the department revised and formalized its graduate program procedures. This work has been carried on by Dr. Christopher Daniels, who has led the assessment of department graduate courses. Several old courses have been eliminated from the Graduate Bulletin, and new courses are in development. The Department currently has six students seeking the M.S. degree and three students working toward their Ph.D. Rounding out this group are two unclassified graduate students. Two graduate students also are enrolled in the Pharm.D. program.

Over the last year, department faculty generated 10 articles, four book chapters, six abstracts, and 12 presentations. We welcomed Dr. Cindy Wilson as our newest faculty member who joined us from the National Institutes of Health in the fall. She immediately and energetically assumed the awesome task of stepping into a major course in the professional curriculum to teach cardiovascular pharmacology and currently is developing her research program. Dr. James Lai was named Idaho State University’s Researcher of the Year, and Dr. Eric Jarvi was recognized as Most Influential Professor by the top academic student in the College of Pharmacy. This award comes from the ISU Alumni Association.

I am encouraged that researchers in the Department have been establishing stronger research collaborations within the College of Pharmacy and with colleagues across campus. This not only enhances their own research efforts but also provides unique training opportunities for graduate students. I am confident that the Department will continue to gain scientific strength as more faculty join into collaborative research arrangements and aggressively seek extramural funding from creative sources. These efforts should lead to a strengthening of our graduate program and a general increase in our productivity.

Dana Diedrich, Ph.D.
Chair, Department of Pharmaceutical Sciences
The graduate program in the pharmaceutical sciences offers the Master of Science and Doctor of Philosophy degree, which may be earned with study in two major focus areas: pharmaceutical sciences and pharmacy administration.

The pharmaceutical sciences focus area offers the M.S. degree with an emphasis in pharmaceutical chemistry, pharmaceutics, and pharmacology; and the doctorate degree with emphasis in pharmacology, pharmacokinetics, biopharmaceutics, and biopharmaceutical analysis.

The Master’s and Doctor of Philosophy degrees are also offered with an emphasis in Pharmacy Administration (social and administrative sciences). Curricular requirements, mission and goals for the pharmaceutical sciences and pharmacy administration focus areas are significantly different.

Pharmacy Administration

Dr. William Sharp coordinated the pharmacy administration emphasis area during the 1995-96 academic year.

The mission of the pharmacy administration graduate program is to advance research and development in order to enhance the delivery of safe, effective and efficient pharmaceutical health care. To achieve this mission, the College must continually critique and disseminate existing knowledge, and contribute new knowledge, concerning pharmaceutical health care to a variety of audiences. The professions of pharmacy and medicine, other allied health professions, health care institutions and organizations, health policy makers, and consumers in Idaho and the Intermountain West are the major beneficiaries of these efforts.

Given the interface between faculty expertise and interests, and the unique health care needs of specific patient populations, this graduate program has developed a major research and educational focus on delivery of pharmaceutical health care to under-served populations, specifically elderly and rural citizens. However, this concentrated focus does not preclude faculty and students from pursuing other areas of research interest.

Research activities at the master’s and doctoral levels encompassed by this mission have focused on a number of major categories of issues related to these populations, such as economic, management, marketing, clinical outcome, patient behavior, professional socialization and education, health policy development, and epidemiologic issues in pharmacy.

The graduate program in pharmacy administration is designed to equip students with the conceptual knowledge, technical and analytical skills, and problem-solving ability to enable them to assume positions of responsibility and leadership within the profession of pharmacy, and the broader health care system. Specific goals include:

GOAL 1: To advance knowledge in the area of pharmaceutical health care.

GOAL 2: To develop expertise in the delivery of pharmaceutical care to under-served groups, including the elderly and rural populations.

GOAL 3: To develop a supportive environment for graduate education.

GOAL 4: To interface with clinical and pharmaceutical sciences faculty to develop common areas of research interests.

Students Enrolled in the Pharmacy Administration emphasis area of the Graduate Program:

M.S. Students
Evo Anthony Alemao, BS
Deborah Borkowsky, BS/Pharm.D., R.Ph.
Troy Jackman (joint Pharm.D./MBA program)
Matt Phelan* (joint Pharm.D./MS program)
Kalind Pradhan, BS

Ph.D. Students
Donelle Airmet*, Pharm.D.
James Frost, M.B.A (ABD)
Milind Kale, M.S., M.D.
Bala Nadesan, M.B.A
Shubada Patil*, M.S.
Sujit Sansgiry*, M.S. (ABD)

1995/96 Graduates
R Shubada Patil, M.S. (12/95)
R Daniel Walker, M.S. (12/95)
Donelle Airmet*, Pharm.D., M.S. (5/96)
Bala Nadesan, M.B.A., M.S. (5/96)
Lauretta Isaacson, M.B.A, Ph.D. (5/96)

* Dr. Airmet was a co-winner of an AACP Innovations in Teaching Award.

* Students who presented papers or posters at a National Meeting (AACP, ASHP Midyear clinical meeting, APhA).
Pharmaceutical Sciences

The Department of Pharmaceutical Sciences has 15 full-time faculty who generate research support from diverse sources such as ISU Research Committees, State of Idaho, National Science Foundation, American Heart Association, National Institutes of Health, Department of Energy and private industry. Dr. Christopher Daniels coordinated the pharmaceutical sciences emphasis area during 1995-96. Affiliate faculty are located at the Boise Veterans Affairs Medical Center. The department occupies research space on the second and third floors of Leonard Hall.

Candidates enrolling in the Master of Science and doctorate programs must meet all requirements for admission to the Graduate School and have an adequate background in the biological and physical sciences. Minimum admission course work requirements include two semesters of biological sciences and basic chemistry, calculus through integral calculus, and two semesters of organic chemistry with laboratory. Those students admitted without an adequate course background will be expected to make up deficiencies in addition to course work required for their graduate program.

The graduate program in Pharmaceutical Sciences is designed to meet three primary goals:

**GOAL 1:** To effectively communicate information through both scientific writing and oral presentations.

**GOAL 2:** To efficiently retrieve and critically evaluate scientific information.

**GOAL 3:** To develop expertise in the discovery of new knowledge using the scientific method and the modern methods of laboratory science.

Modern research instrumentation available include HPLC, GC-MS, FTIR, and molecular modeling capabilities on an IBM RS-6000 workstation. The department and University facilities also include complete capabilities for light and electron microscopy and molecular biology in the Molecular Research Core Facility (MRCF) located in Biological Sciences, NMR in Chemistry, and a cell culture facility.

Research activities at both the master’s and doctoral levels have focused on a number of major areas including: development of new delivery systems based upon liposomal pharmaceutics, cancer biology, regulation of cardiovascular and respiratory function, biochemical pharmacology and toxicology, immunology, signal transduction, new drug design and synthesis, biopharmaceutical analysis, molecular biology and infectious diseases.

Students Enrolled in the Pharmaceutical Sciences emphasis areas of the Graduate Program:

**M.S. Students**
- Charles Buerstatte
- Murthy Madduri
- Narjes Sahloibe
- Susan Williamson
- Scott Wood
- Qi Zhao

**Ph.D. Students**
- Renee Bunde
- Suoping Zhai

**1995/96 Graduates**
- Xiaoxiong Wei, Ph.D. (5/96)
Pharmacy Practice Residency Program

Continuing development of post-graduate training opportunities was an important accomplishment during the 1995-96 calendar year. This year marked the initiation of three new residency positions offered through the College of Pharmacy and affiliated institutions.

One new position established at the Boise Family Practice Residency Program complements three additional residents at the Boise Veterans Affairs (VA) Medical Center. Two Pocatello-based positions were created at the Southeastern Idaho VA Ambulatory clinic and the ISU Family Practice Residency Program.

Residents participated in numerous professional and educational activities during the year. In addition to pharmaceutical care responsibilities, their efforts included presentation of a seminar, poster presentations at state and national meetings, presentation of numerous in-service educational meetings, student clerkship teaching, case study tutorials, and research projects.

The College is committed to developing a strong post-graduate training program to meet the changing health care needs of Idaho citizens. Despite difficult financial times, the College is optimistic about potential future opportunities. In the coming years, the College hopes to initiate additional programs, including community practice and rural health residency experiences and fellowship training opportunities.

1995-96 Residency Training Sites:

<table>
<thead>
<tr>
<th>Resident</th>
<th>Discipline</th>
<th>Site</th>
<th>Faculty Preceptor</th>
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<tr>
<td><strong>Pocatello:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amber Bell</td>
<td>Ambulatory Care</td>
<td>Southeastern Idaho VA Clinic</td>
<td>T. Gould</td>
</tr>
<tr>
<td>Joette Ballard</td>
<td>Geriatrics</td>
<td>Pocatello Veterans Home</td>
<td>R. Rhodes</td>
</tr>
<tr>
<td><strong>Boise:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>David Young</td>
<td>Ambulatory Care</td>
<td>Boise Family Practice Residency</td>
<td>R. Hefflinger</td>
</tr>
<tr>
<td>Angela Aldrich</td>
<td>Ambulatory Care</td>
<td>Boise VA</td>
<td>B. Mason</td>
</tr>
<tr>
<td>Gail Richardson</td>
<td>Geriatrics</td>
<td>Boise VA</td>
<td>S. Jue</td>
</tr>
</tbody>
</table>
Nontraditional Pharm.D. Program

The Nontraditional Doctor of Pharmacy program is designed for practitioners who hold a Bachelor’s degree in Pharmacy and a valid license to practice pharmacy in the United States, and who desire the opportunity to earn a Doctor of Pharmacy degree without returning full-time to a college campus. The program is coordinated by Dr. Brenda Phelan-Story.

Admission Procedure:
Candidates for the nontraditional Pharm.D. program must complete a formal 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 residence.

In addition, prior to admission to the program, all candidates must travel to the ISU College of Pharmacy in Pocatello to complete an assessment process, which includes interviews with faculty and a knowledge-based examination. The exam is a course work placement tool and is not a test for admission.

The Program
The nontraditional curriculum includes 30 credits of didactic course work which is taught using a combination of video tapes, detailed syllabi and textbooks. Each course has an assigned instructor that is available to students via telephone for questions or assistance. Each student can complete the didactic course work at his/her own rate, however the total 30 didactic credits must be completed within three years.

Student Assessment

The goal of the assessment program is to continually improve the educational process. The following are the major assessment activities carried out by Dr. Paul Cady, interim associate dean.

1. Exit interviews: Exit interviews via a student survey were administered to graduating seniors.

2. Alumni survey: Surveys were mailed to alumni who graduated one, five and ten years ago. Employers were also surveyed relative to ISU pharmacy graduates as employees.

3. Focus Groups: Focus groups were formed to evaluate the curriculum, including the case studies sequence and the experiential year. Students completing their second and third year were asked to participate, but participation was voluntary. The focus groups were conducted in the Simplot Decision Support Center. Only students who had completed the clinical experience where asked to participate in focus groups evaluating the clerkship experiences.

4. Writing Assessment: A committee was formed to recommend methods to assess writing skills of pharmacy students.

5. Critical Thinking Skills: Prior to beginning the case studies sequence, students were given a standardized instrument that was designed to measure problem solving abilities via critical thinking tasks. Upon completion of the case studies sequence, students were again evaluated.

6. Self-efficacy: An instrument designed to measure self-efficacy (confidence) in making a clinical assessment was completed by students prior to beginning case studies. This was repeated at the completion of case studies.

7. Faculty involved in didactic course work were asked to begin an assessment process on the courses they were teaching in the spring 1996 semester. Those involved in teaching the pharmacology sequence, and those involved in teaching the pharmaceutics sequence determined that their efforts should be spent in re-designing and organizing the sequence. Both groups have had significant changes in participating faculty in the last year. Other faculty were asked to identify three to five key competency statements that are covered in their course and to perform an assessment. Discussions with faculty pointed to a need to readdress the competency statements. As faculty begin to use the competency statements for assessment, they are becoming aware of weaknesses in the current competency statements.

9. The pass rate for ISU graduates taking the National Association of Boards of Pharmacy Licensure Examination (NABPLEX) in June 1996 was 98 percent. ISU graduates have again substantially exceeded the national pass rate of 89 percent.
Continuing Education

The College of Pharmacy has continued to take an active role in providing continuing education (CE) to pharmacists in the State of Idaho. These activities are coordinated by Wendy Force, R.Ph.

As the complexity of providing pharmaceutical care has become more challenging, practicing pharmacists desire the expertise that our faculty provides to update their skills and continue to develop their own level of competency. It is with this in mind that the College has continued to offer the quality programs expounded upon below.

Live CE Programming

From July 1, 1995 to June 30, 1996 the College of Pharmacy faculty presented five programs for pharmacists in Idaho and surrounding areas including:

- Continuing Education Extravaganza - (Boise, Post Falls, Pocatello, Idaho)
- Chemical Dependency Seminar: Chemical Dependency In The Profession Of Pharmacy (Pocatello, Idaho)
- Pharmaceutical Care In Community Pharmacy - Friend Or Foe (Pocatello, Idaho)
- Northwest Pharmacist Recovery Network - Annual Meeting (SeaTac, Washington)
- Chemical Dependency in the Professional of Pharmacy (Chapel Hill, North Carolina)

Generally, these programs were well attended. Overall, 201 pharmacists attended these programs, earning 1,341 hours of CE.

Home Correspondence Courses

The College of Pharmacy is committed to providing CE to pharmacists around the state. While a large portion of the Idaho population are located in the Boise area, the College recognizes the need to extend opportunities for pharmacists in rural areas to obtain CE credit also. Over the past year the College offered 14 independent study programs which provided from 12 to 180 hours of CE credit. Two of these programs were developed by ISU faculty and covered the broad topics of pathogenic microbiology and immunology.

These courses utilized video tapes, textbooks, and detailed workbooks to provide a comprehensive study of each area.

Additionally, the College offered twelve 12 Pharmat courses. These programs allow the practitioner to increase their knowledge base while studying in their home at a pace that is participant guided. Each comprehensive program is developed by college faculty members nationwide and meets ACPE standards for content and quality. The following topics were available for purchase: depression, headache, hypertension, myocardial infarction, Alzheimer’s disease, hormone replacement, diabetes, chemotherapy, hepatitis, asthma, anxiety disorders, sexually transmitted diseases, seizure disorders, pain management and a host of others.

Forty-One Pharmacists completed home correspondence programs receiving 597 hours of CE credit.

Live and Home Correspondence Programs Combined

Over all 236 pharmacists completed either live or home correspondence CE programs totaling 1,938 hours of CE.

Idaho Drug Information Service

The Idaho Drug Information Service (ID-DIS), coordinated by Dr. Jan Beckwith, provides patient-related drug information to Idaho health professionals. During 1995-96, the service responded to 1,560 information requests. Time spent responding to calls averaged slightly over 40 minutes per request.

Calls were received from:
- Pharmacists 65.09%
- Public-non health 9.91%
- Pharmacy students 7.65%
- Faculty 6.98%
- MD/office 3.73%
- RN 3.43%
- Health related prof. 2.26%
- Other 1.59%
- Lawyer/Law-enf. .31%
- Non-pharmacy students .06%

Questions received could be categorized as:
- Product ID/ Formulation/Availability 29.76%
- Therapeutic use 14.33%
- Side-effects/ADRs/Toxicity 10.85%
- Specific articles 10.55%
- Dosing/Bioavailability 7.56%
- Disease/Drug of choice 7.26%
- Other 6.65%
- Drug interactions 5.43%
- Pharmacology/Kinetics 3.35%
- Pregnancy/Lactation 2.26%
- Stability/Compatibility 2.01%

The ID-DIS is located in the Oboler library, adjacent to the Idaho Health Sciences Library, and has access to all library holdings as well as maintaining a small library of its own. The monograph and journal holdings of the ID-DIS are chosen to supplement the holdings of the IHSL. In 1995-96, ID-DIS maintained 25 journal titles through either subscription or donation (titles attached).

In addition to journal subscriptions, 17 monographs were purchased to update ID-DIS holdings. The ID-DIS maintains up to date electronic information through the purchase of Micromedex and International Pharmaceutical Abstracts and by utilizing other databases.

In 1995 the ID-DIS began publishing a quarterly newsletter, Request & Response, written by faculty and students. Newsletter articles are also included on the Drug Information Internet home page, which was developed in 1995. The home page includes an Internet e-mail address for direct requests to ID-DIS.

All first-year professional pharmacy students spend 40 hours in laboratory sessions taught by drug information staff. The sessions are held in the drug information center every afternoon during the academic year. Approximately eight students annually complete a clerkship in the ID-DIS.

Staffing for drug information consisted of one full-time acting-director and one part-time visiting professor (16 hours/week). Graduate assistants provided 16 to 20 hours per week during the academic year.
Institute for the Advancement of Pharmaceutical Care

The Institute for the Advancement of Pharmaceutical Care (IAPC) was officially established by Idaho State University College of Pharmacy in October 1995.

Its mission is to promote the advancement of the profession of pharmacy towards the patient-centered philosophy of pharmacy practice which has been termed “Pharmaceutical Care.” This mission is being carried out through education, research, and service.

The IAPC fosters cooperation and understanding between pharmacists and organizations created to serve and regulate them (including the Idaho State University College of Pharmacy, Idaho State Board of Pharmacy, and the various regional, state, and national pharmacy associations). It also disseminates information to the general public in order to promote awareness of the contributions that pharmacists can provide to patient care.

Personnel:
Director: Rodney A. Larson, Ph.D.
Faculty: Barbara A. Adamcik, Ph.D., Jan Beckwith, PharmD., Paul S. Cady, Ph.D., Vaughn L. Culbertson, PharmD., Roger Hefflinger, PharmD., Stephen C. Hurley, PharmD., Joy R. Matsuyma, PharmD., Brenda Phelan, PharmD., William T. Sharp, Ph.D., Barbara G. Wells, PharmD.

Funding Coordinator: Lesli Brassfield, M.P.A.

Educational Activities
The IAPC co-sponsored a presentation given by John Loch, a pharmacist and representative of Encara®. This Minnesota-based company offers a training and support program for community pharmacists who wish to transform their practice to the pharmaceutical care model. The audience was primarily comprised of local pharmacists and state association members.

A talk entitled, “Institute for the Advancement of Pharmaceutical Care” was given by a representative of IAPC to Capital Pharmacists Association in Boise, Idaho, whose members wished to learn more about pharmaceutical care and what the IAPC was planning for Idaho pharmacists.

Research Activities:
Although no funding came into the IAPC during the 1995-96 calendar year, a number of promising research projects are being developed, and funding opportunities are being explored. The first project to be developed is one in which pharmacists would provide pharmaceutical care to patients receiving a particular prescription drug which has a high potential for moving to over-the-counter status. The outcome data collected would be provided to the manufacturer and be used to meet some of the Food and Drug Administration requirements for the status change.

The second project involves the creation of a nationwide network of pharmacies that are offering pharmaceutical care to patients. Once pharmacies are identified and properly equipped, outcome data would be collected from them on an ongoing basis. The anonymous information from this expanding database would be utilized by IAPC faculty to perform research on clinical outcomes. The database would also be made available to other research institutions, drug manufacturers, state and national governmental agencies, and health insurance companies. Efforts are being made to identify funding agencies for a pilot project in Idaho designed to demonstrate the feasibility of such a network.

Service Activities:
Members of IAPC are consulting with the president-elect and the executive secretary of the Idaho Pharmacists Association since November 1995. Areas of consultation range from methods and techniques of providing pharmaceutical care to how Idaho should begin training its pharmacists to provide this type of care. A plan is being developed to create a training program for Idaho pharmacists. This program could eventually include other states in the Pacific Northwest who wish to participate. Creating a pharmaceutical care certification program through the IAPC is another topic being discussed.
Alumni & Development

College supporters show great generosity during the year

It gives me great pleasure to thank those who contributed to the College financially during the 1995-96 academic year (July 1, 1995 through June 30, 1996). Although this past year was one of transition at the College of Pharmacy, friends and alumni remained strong in their dedication and financial support. On behalf of the students, faculty and staff, I say "thank you and well done!"

The College received $71,396.40 in financial contributions during the 1995-96 fiscal year. Overall, the phonathon was the major fund-raiser. The 1996 phonathon, held in March, resulted in more than $26,000 in pledged financial contributions, much of which was received prior to July 1.

One 1995 highlight was the establishment of a $15,000 scholarship endowment to honor Dr. Frank P. Cosgrove, distinguished professor, researcher and dean of the College from 1968 to 1979. Earnings from the endowment will be used to fund an annual scholarship. In addition, a $10,000 scholarship endowment was established in spring 1996 by Wendy Klodt, in memory of her late father, Gordon, a 1942 pharmacy graduate.

We are working harder than ever to strengthen support from foundations, corporations, and friends and alumni. We experienced a two percent budget cutback in state funding this past year; no longer can we rely on state moneys to provide the necessities for a superior pharmacy program.

Thank you to all of you for your kindness and generosity.

—Dean Barbara G. Wells

Pharmacy Endowment

(as of June, 1996)

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<td>Frank Cosgrove Endowment</td>
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<td>General Endowment</td>
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<td>Gordon Klodt Memorial Endowment</td>
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(total endowment only)

Story named recipient of 1996 Professional Achievement Award

William G. Story, R.Ph., former director of pharmacy at West Valley Medical Center, Caldwell, Idaho, was selected as the College’s 1996 Professional Achievement Award recipient.

Upon graduation from ISU in 1960, Story went to work as a pharmacist at Caldwell Memorial Hospital, now West Valley Medical Center. Under Story’s guidance, the pharmacy came to be known as one on the cutting edge of pharmacy developments. Story retired in January 1996, but still works two days a week at a nearby community pharmacy.

Story has served as preceptor for ISU students, provided externship opportunities, taken part in drug awareness programs and career days and contributed pharmaceutical products to underdeveloped countries. In 1992 he renewed his pharmacy oath when his daughter, Brenda Phelan-Story, Pharm.D., graduated and did so again as his son-in-law, Matthew Phelan, received his Pharm.D in May 1996.
President's Associates
($1,000 or more)
Wendy L. Klodt
Los Alamitos Pharmacy
Yolande Waid Orr
Sidney L. Sly
Roy Y. Sumida
Thrifty PayLess Drug Stores
Wal-Mart Foundation

Circle of 500 ($500-$999)
Gary L. Bertagnolli
Robert N. Fischer
Renaldo “Rey” Ganir
Glaxo Inc.
Garth H. Holmes
Pfizer Inc.
Gary L. Tauscher
Walgreens Company

Silver Society ($250-$499)
Bruce Christensen
Christopher K. Daniels
William M. Eames
Eli Lilly and Company Foundation
Richard J. Fuchs
Korue Denice Fujimoto
Eric J. Jarvi
K-Mart Corporation
Ara G. Paul
Smith's Food & Drug Centers
Barbara G. Wells
Lap Tak Yu

Portneuf Society ($100-$249)
Albertson's, Inc.
James Alexander
Harold Allsop
John A. Anderson
Kenneth V. Anzlovar
Raedell Ashley
Dale R. Barker
Patricia Bartlome'
Jack Bishop
Paula J. Blair
Jack Botts
Ben H. Bowen
Nile Boyle
Lesli L. Brassfield
Bristol Myers Squibb Foundation
Perry W. Brown
Ralph H. Bruncheon
David Y. Chan
Joseph Chen
Randal G. Chow
Brent Douglas Cornell
Wayne H. Crosby
Alton L. Davidson
James A. Davidson
Robert J. Deklotz
Joe Della Zoppa
Dale Lee Derbidge
Dana L. Diedrich
Wilbur H. Dixon
Richard F. Driskell

Robert C. Tyler
Lawrence W. Updyke
Larry A. Valero
Gaylord Victoria
Ronald B. Voight
Cindy Walker
Tim R. Westby
R. Kirk Westenfelder
Ralph “Moon” Wheeler
Nancy N. White
Gelson L. Wong
Sidney Sik-Yee Wong

Investors ($1-$99)
Abbas Abbaspour
Louise T. Achey
Gary Adam
Vaf “Ali” Afkamooi
Linda S. Alexander
Verlin M. Allen
Victor F. Allen
Ronald W. Alt
Basil D. Andersen
Dean B. Andersen
David H. Anderson
James D. Anderson
Ray Anker Anderson
Elvin E. Andrade
Guy R. Archambault
Stanley D. Arnell
Helen Aumeier
Vicki P. Baer
Celia Baker
Boyd E. Baker
Sarah Balben
Kendall Lee Ballard
Ralph E. Ballard
Thomas H. Barkas
Richard Lynn Barnes
Carol Ann Barr
Paul D. Beadle
Jack Beall
Douglas Beckstead
Frank A. Beckstrom
Janette Beckwith
Richard M. Beebe
Duncan Bell
E.F. Berntsen
Tracy L. Bideganeta
Michael A. Bledsoe
Albert G. Bouvier
Roger L. Bovey
Firth G. Bowden
Marion C. Bowen
John P. Brady
Steven E. Brennecke
Susan K. Brennecke
Lisa D. Brown
James E. Brown
Michael Burket
Les Burnam
Dean Bush
Bill B. Butter
Raven Campos
Jeanne Cardon
JoAnn Carroll
Duane G. Carter

Jerry B. Carter
Dick Chang
Ruben U. Chavez
Michael H. Cheslock
Christopher Cheung
Jeannie Chew
Siri Childs
Carl Ching
Connie Christofferson
William “Stan” Chun
Douglas E. Clayton
Tim Van Clezie
James F. Collier
S. Dwight Comstock
Brent D. Cornell
Velvet L. Cox
G. Lynn Crawford
Crescent Drugs
Cleo J. Crockett
James Harper Culley
Victor A. Curtis
Vernon J. Davidson
Bryan Davis
Gary W. Dawson
Rosabeth Delapp
Dave Della Zoppa
Kyle W. Denaughel
David G. Dennis
Eve Lynn Denny
Lawrence A. Dent
Wayne L. Deveraux
Ralph G. Dillon
Robin A. Dodson
Ernest J. Dokimos
Christopher L. Donat
Irving C. Dong
Jay N. Drake
Milo R. Draper
Wendell L. Dunn
Patrick A. Duprey
James M. Durham
David A. Easley
William D. Eaton
Timothy R. Eaton
Ed Snell’s Pharmacy Shop
Joseph J. Edwards
Neil W. Elliott
Ray E. Emery
Marianne Endo
Bob Endo
Walter E. Engle
Stephanie L. Ennis
Robert H. Erickson
John Erramouspe
Kathryn K. Fader
Gary L. Farris
Shirley A. Fender
Philip A. Ferreira
Darrell J. Fike
Dallen E. Fisher
Herbert G. Fitz
Charles D. Ford
Michael E. Fox
Henry F. Fraczek
Patricia A. Fraiser
Edward R. Freiter
Reynold E. French

Continued on Page 26
Dean’s Advisory Council

The Dean’s Advisory Council serves as an advisory body to the dean of the College of Pharmacy and is critical to the College’s advancement. The Council meets twice a year and provides counsel regarding the curriculum, planning, fund raising, program assessment, activities and functions, proposed legislation, and other matters of strategic importance.

Membership of the Dean’s Advisory Council is comprised of state and national pharmacy leaders, alumni, practicing pharmacists, pharmacy owners, and corporate and industrial leaders. Members of the Council serve three-year terms which may be repeated at the discretion of the Dean. Appointments to the Council are made by the Dean with recommendations from the Council and College of Pharmacy administration.

1995 Dean’s Advisory Council Members:
- James Alexander, Sav Mor Drug
- Kent Alexander, Owner, Sav-Mor Drug Store/Idaho Board of Pharmacy
- Brian Auer, The Owl Pharmacies
- Steve Avey, Smith’s Pharmacy
- Clifford Barnett, Retired/Consultant
- Jack Botts, Jack’s Pharmacy Inc.
- Marion Bowen, Idaho Board of Pharmacy
- Joseph Carlson, Merck Sharp & Dohme
- Michael Carnley, Pocatello Regional Medical Center
- Kelly Carpentier, Ridley’s Food/Drug Pharmacy
- JoAn Condie, Idaho State Pharmacy Association
- Carla Dirk, Bannock Regional Medical Center
- William Eames, Longs Drug Stores
- James Francis, St. Luke’s Regional Medical Center
- Allen Frisk, St. Alphonsus Regional Medical Center
- Richard Fuchs, Dick’s Pharmacy
- Dorothy Galloway, Bingham Memorial Hospital
- Neil Griggs, Eastern Idaho Regional Medical Center
- Steven Hadlock, The Medicine Shoppe
- John Halliwell, Retired Pharmacy Owner
- George Harvey, Century Pharmacy
- Kent Jensen, Fred Meyer Stores
- Jordan Johnson, Zeneca Pharmaceuticals Group
- Don Leonard, Chateau Drug
- Richard Markeson, Idaho Board of Pharmacy
- Errol Maus, St. Alphonsus Regional Medical Center
- Val Middleton, Hyway Drug/Idaho Board of Pharmacy
- Kent Quickstad, St. Luke’s Regional Medical Center
- Ed Reddish, Mallea-Reddish Pharmacy
- James Rich, Bear Lake Drug
- Frank Savage, Retired
- Mark Shadle, Albertson’s, Inc.
- Preston Seely, Super Thrift Drug Company
- Edward Snell, Ed Snell’s Pharmacy Shop
- Dorsie Sullenger, Madison Memorial Hospital
- Frank Talboy, VA Medical Center
- John Tilley, Tilley Apothecaries
- Frank VanderSloot, Melaleuca
- Mary Wheatley, Retired Administrator, Depart. of Health and Welfare
- Ralph “Moon” Wheeler, Rockland Pharmacy/State Legislator
- David Widen, PayLess Pharmacy

“I am extremely pleased and proud to work with the individuals that comprise the Dean’s Advisory Council. They bring to the College a wealth of pharmacy knowledge and experience, a love of the profession, a trust in pharmacy education, and a belief that what we do in Leonard Hall is important and vital to the future of pharmacy in Idaho and throughout this country.”

- Dean Barbara Wells
Faculty Honors

Pharmacy Teachers of the Year

Four pharmacy faculty were named “Outstanding Teachers of the Year,” selected by students for their outstanding ability to teach relevant and new material, inspire students to learn, and maintain a high level of knowledge in their field. Each pharmacy class in the four-year Doctor of Pharmacy (Pharm.D.) program selects a Teacher of the Year. The College sponsors two outstanding teachers each year to attend the annual AACP meeting (first- and third-year class award winners go during odd years and second- and fourth-year winners attend on even years). The four winners were:

Christopher K. Daniels, Ph.D., associate professor of pharmaceutical sciences, was selected by first-year pharmacy students. Dr. Daniels teaches in the pharmacology sequence and various graduate courses. A student commented, “He is very organized and easy to understand, even though it is a very difficult subject that he teaches.”

James C.K. Lai, Ph.D., associate professor of pharmaceutical sciences, was selected by second-year students. Dr. Lai coordinates the pharmaceutical sciences case studies course, and toxicology at both the undergraduate and graduate level. A second-year student said, “He has the best attitude toward students, is concerned and helpful, and has a good sense of humor.”

Teddie Gould, M.S., assistant professor of pharmacy practice and administrative sciences, was chosen by third-year students. Gould coordinates the pathophysiology and therapeutics course sequence and precepts fourth-year pharmacy students in ambulatory care. Student comments included, “I can’t think of anyone who deserves this award more. I admire her drive and dedication in ensuring that each and every student understands and learns.”

Karl Madaras-Kelly, Pharm.D., assistant professor of pharmacy practice and administrative sciences, was selected by fourth-year students. Madaras-Kelly is a pharmacist at the VA Medical Center in Boise, precepts fourth-year pharmacy students in internal medicine and infectious disease, and team teaches in the pathophysiology and therapeutics course sequence. Students commented, “He is very knowledgeable and motivated us to learn. It was a challenging rotation, but I enjoyed it because I learned a great deal.”

1996 ISU Distinguished Researcher

James C.K. Lai, Ph.D., associate professor of pharmaceutical sciences, was selected from a field of five outstanding ISU researchers as the University’s 1996 Distinguished Researcher.

Dr. Lai has an international reputation in the field of neuroscience and toxicology research. His areas of interest are in the area of regulation of metabolism of brain cells, the function of mitochondria in brain cells (his methodology is used around the world) and neurotoxicology of metals.

In science the number of times other scientists cite one’s work represents the significance of the effort. Dr. Lai has been cited a phenomenal 1,721 times by other researchers. Dr. Lai has a well-established funded research program and is currently receiving funds from the State Board of Education and the National Institutes of Health.

1996 ISU Master Teacher

Barbara Adamcik, Ph.D., associate professor of pharmacy practice and administrative sciences was one of five Master Teachers honored by the University.

Adamcik has been an ISU faculty member for 11 years. She has been recognized as an innovative and creative teacher. Her efforts were recognized by the American Association of Colleges of Pharmacy which awarded her the 1995 Innovations in Teaching award.

She teaches professional pharmacy and graduate classes in geriatrics, pharmacy sociology, communications, and research design. Within the classroom, she effectively conveys the relevance of the social sciences to the practice of pharmacy. A student nominating Adamcik said, “It was great to think about pharmacy as a whole - sometimes we get so bogged down in mechanics that we forget the big picture.”
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

Dana L. Diedrich, Ph.D., Chair, Pharmaceutical Sciences
James C. K. Lai, Chair, Faculty Affairs Committee
Barbara G. Wells, Pharm.D., Dean

Department of Pharmaceutical Sciences

Faculty

Christopher K. Daniels, Ph.D., Associate Professor
Dana L. Diedrich, Ph.D., Professor and Chair
Robin A. Dodson, Ph.D., Professor (On Leave)
Becky Flores, B.S., Visiting Assistant Professor
L. Judy Fontenelle, Ph.D., Professor
Robert W. Goetttsch, Ph.D., Professor
Gregory M. Hubit, Pharm.D., Visiting Instructor
Eugene I. Isaacson, Ph.D., Professor
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Thomas R. LaHamm, Ph.D., Associate Professor
James C. K. Lai, Ph.D., Associate Professor
W. Cary Mobley, Ph.D., Assistant Professor
S. Clive Nelson, Ph.D., Associate Professor

Anna Ratka, Ph.D., Assistant Professor
Joerg Senekowitsch, Ph.D., Assistant Professor
Bruce E. Torian, Ph.D., Associate Professor (On Leave)
Cindy M. Wilson, Ph.D., Assistant Professor

Affiliate Faculty

Nirmal Charan, M.D., Boise VA Medical Center
Barr Cusack, M.D., Boise VA Medical Center
Jingwen Liu, Ph.D., Boise VA Medical Center
Christopher Nielson, M.D., Boise VA Medical Center
M. Vijaya Ramgopal, Ph.D., Boise VA Medical Center
Dennis L. Stevens, M.D., Ph.D., Boise VA Medical Center
Robert E. Vestal, M.D., Boise VA Medical Center

Department of Pharmacy Practice & Administrative Sciences

Faculty

Barbara A. Adamcik, Ph.D., Associate Professor
Patricia Bartlome’, Pharm.D., Associate Professor
Jan Beckwith, Pharm.D., Assistant Professor
Paul S. Cady, Ph.D., Assistant Professor and Interim Associate Dean
Marcus D. Cook, Pharm.D., Assistant Professor
Vaughn L. Culbertson, Pharm.D., Associate Professor and Chair
John Erramouspe, Pharm.D., Assistant Professor
Rex W. Force, Pharm.D., Assistant Professor
Teddie Gould, M.S., Associate Professor
Roger G. Hefflinger, Pharm.D., Assistant Professor
Catherine A. Heyneman, Pharm.D., Visiting Clinical Assistant Professor
Stephen Hurley, Pharm.D., Professor
Sandra G. Jue, Pharm.D., Clinical Associate Professor
Milind Kale, M.D., Visiting Instructor
Rodney A. Larson, Ph.D., Assistant Professor
Karl J. Madaras-Kelly, Pharm.D., Assistant Professor
Barbara J. Mason, Pharm.D., Associate Professor
Joy R. Matsuyama, Pharm.D., Assistant Professor
Shirley J. Reitz, Pharm.D., Assistant Professor

Richard S. Rhodes, Pharm.D., Associate Professor
William T. Sharp, Ph.D., Professor
Brenda Story-Phelan, Pharm.D., Visiting Clinical Assistant Professor
Barbara G. Wells, Pharm.D., Professor and Dean

Affiliate Faculty

Sue Agent, B.S., Kaiser Permanente
David Anderson, B.S., Madison Memorial Hospital
Michael Baker, M.D., Family Practice Group
Brett C. Bayles, Pharm.D., Naval Medical Center
Patricia D. Berglund, P.A., Family Practice Group
Paula Blair, B.S., Eastern Idaho Regional Medical Center
Roger W. Boe, M.D., Pocatello Children/Adolescent Clinic
Jean M. Bokelmann, M.D., ISU Family Medicine Center
Diana L. Bond, B.S., University of Nevada Medical Center
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
Department of Pharmacy Practice & Administrative Sciences
Affiliate Faculty Continued:
Theodore P. Briski, Jr., M.B.A., Naval Medical Center
Mark H. Broadhead, M.D., State Hospital South
Wendy R. Brody, Pharm.D., Kaiser Permanente
Joseph S. Bubalo, B.S., Oregon Health Science University
Kurt G. Bullington, B.S., PRMC Plaza Pharmacy
William P. Byrd, B.S., VA Medical Center
James W. Byron, B.S., St. Alphonsus Regional Medical Center
Louis C. Caiazzo, Pharm.D., Kaiser Permanente
Mark A. Campbell, M.S., Kaiser Permanente
Wendy C. Cantrell, Pharm.D., University of Nevada Medical Center
Jannet M. Carmichael, Pharm.D., Reno VA Medical Center
John Chelenes, Pharm.D., Mary Immaculate Hospital
Earl Chester, Jr., M.D., Idaho VA Nursing Home
Judy M. Chichmanian, R.N., Southeast 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
Shannon L. Coonce, Pharm.D., University of Nevada Medical Center
Margaret A. Cording, B.S., 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., PRMC 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., University of Nevada Medical Center
David R. Fischel, M.D., Pocatello Children/Adolescent Clinic
Robert L. Fox, Pharm.D., Washoe Medical Center
Donald Frisch, Pharm.D., University of Nevada Medical Center
Dennis K. Fuller, Pharm.D., University of Nevada Medical Center
Joan K. Furlano, B.S., Kaiser Permanente
Valerie Gardner, Pharm.D., Bannock Regional Medical Center
Elwyn A. Garrard, Pharm.D., Kaiser Permanente
David Gebo, B.S., Super Save United Drug
Lori D. Gebo-Shaver, Pharm.D., Super Save United Drug
R. Timothy Gendron, B.S., Naval Medical Center
Barry R. Goldspiel, Pharm.D., National Institutes of Health
James Good, B.S., Fort Hall Indian Health Service
Gary Goy, B.S., Bannock Regional Medical Center
Steven C. Graff, 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., 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/Adolescent Clinic
Ralph Heckard, M.D., State Hospital South
Greg Hegman, B.S., Bannock Regional Medical Center
W. L. Roy Herold, M.D., Southeast Idaho VA Ambulatory Clinic
Kevin S. Hill, M.D., Pocatello Regional Medical Center
William E. Hogan, M.D., Pocatello Children/Adolescent Clinic
Alfred F. Hogenauer, M.S., St. Luke’s Regional Medical Center
Cassandra L. Hopkins, B.S., Boise VA Medical Center
Jon D. Horton, Pharm.D., York Health Systems
Lori L. Isaacs, M.H.A., University of Nevada 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 Kittredge, B.S., Idaho Care System
I. Harry Krewsun, Pharm.D., Kaiser Permanente
Jesse Landis, M.S.W., Pocatello Children/Adolescent Clinic
Jack Lauletta, Pharm.D., Mary Immaculate Hospital
Carlton K. K. Lee, Pharm.D., M.P.H, The John Hopkins Hospital
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
Thomas A. Manske, B.S., Pocatello Regional Medical Center
Frederick Marsh, M.D., State Hospital South
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
John C. McCormack, M.D., State Hospital South
J. David McDermott, P.A., Family Practice Group
Kim L. McGary, B.S., Eastern Idaho Regional Medical Center
Don E. McInturff, M.D., St. Alphonsus Regional Medical Center
Cecilia M. Meagher, B.S., Fort Hall Indian Health Service
Sister Mechtilde, B.S., Eastern Idaho Regional Medical Center
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., Eastern Idaho Regional Medical Center
Greg B. Morrill, Pharm.D., Tucson VA Medical Center
Grace A. Nathan, B.S., St. Luke’s 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
Ali Olyaei, Pharm.D., Oregon Health Science Center
Jan O’Neil, M.S., Bannock Regional Medical 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
Bryon J. Pinson, B.S., Washoe Medical Center
Larry L. Pinson, Pharm.D., Silverada Pharmacy
Jan Poreba, B.S., Boise VA Medical Center
Maureen R. Prather, Pharm.D., Western State Hospital
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
Gary K. Pullen, B.S., Prescription Center
Michel A. Pyatte, Pharm.D., Kaiser Permanente
Timothy A. Rambur, Pharm.D., Bannock Regional Medical Center
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., Eastern Idaho Regional Medical Center
Kimberly Riley, Pharm.D., Kaiser Permanente
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
Beata Saletnik, Pharm.D., Boise VA Medical Center
Timothy Santos, B.S., Boise VA Medical Center
Dennis Sawyer, Pharm.D., Magic Valley Regional Center
Hershel D. Schaftel, Pharm.D., Kaiser Permanente
Liesa F. Scott, Pharm.D., Naval Medical Center
R Lynn Greenberg Seaman, B.S., Naval Medical Center
Christopher C. Shields, M.D., Family Practice Group
Y. Todd Shinohara, Pharm.D., Naval Medical Center
Gail L. Sieren, Pharm.D., University of Nevada Medical Center
Marilyn M. Silcock, Pharm.D., Bannock Regional Medical Center
Rod G. Simon, B.S., 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
Michael D. Stander, Pharm.D., Washoe Medical Center
Mary E. Staples, Pharm.D., University of Nevada Medical Center
Nicholl D. Stuart, Pharm.D., Boise VA Medical Center
Dorsie Sullenger, B.S., Madison Memorial Hospital
Gregory M. Susla, Pharm.D., National Institutes of Health
Frank L. Talboy, B.S., Boise VA Medical Center
Cynthia Taylor, B.S., St. Alphonsus Regional Medical Center
Donna Taylor, B.S., Bannock Regional Medical Center
Department of Pharmacy Practice & Administrative Sciences
Affiliate Faculty Continued:
  Susanne M. Thornley, Pharm.D., Reno VA Medical Center
  Thomas J. Troshynski, Pharm.D., Fort Hall Indian Health Service
  Carl D. Tunison, Jr., Pharm.D., Westgate Drug
  Ron Vaught, Pharm.D., Coram Health Care of Nevada

Emeritus Faculty
Franklin R. Cole, Ph.D., Professor of Pharmacognosy
Nevada Marie Higgins, Ph.D., Professor of Pharmacy
Ira W. Hillyard, Ph.D., Professor of Pharmacology

College Support Staff
Administration Office
  Lesli Brassfield, Assistant to the Dean
  Ruth Briscoe, Business Manager
  Rae Dahmer, Secretary to the Associate Dean
  Jane Jarvi, Assistant to the Associate Dean
  Mary Ann Stoll, Building, Equipment and Safety Coordinator
  Cindy Walker, Secretary to the Dean

Department of Pharmaceutical Sciences
  Jeanne Bennett, Secretary
  Cindy Moore, Secretary

Department of Pharmacy Practice and Administrative Sciences
  Barbara Arms, Secretary, Drug Utilization Review Program
  Wendy Force, CE Coordinator and Research Associate, Drug Utilization Review Program
  Kathy Moe, Secretary, Nontraditional Doctor of Pharmacy Program
  Carolyn Morrill, Secretary, Boise Faculty
  Angie Rathburn, Secretary, Nontraditional Doctor of Pharmacy Program
  Beverly Sion, Secretary to the Chair and Pocatello Faculty
  Dawn Wilson, Secretary, Nontraditional Doctor of Pharmacy Program