



Lobo Pharmacy Central

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DEAN'S MESSAGE



Setting a vision for a college is one of the primary responsibilities of a dean. Over the past four months, I have presented my vision for our College of Pharmacy to faculty, staff and students. My

vision is that our College of Pharmacy will be a leading example of a “bimodal” college of pharmacy, a college that achieves excellence in educating pharmacists who can provide pharmaceutical care and a college that achieves excellence in sponsored research and scholarship. This vision was significantly influenced by the Pew Foundation Report on Medical Education for the 21st Century. The authors of the report suggest that our society has two expectations for medical schools; production of primary care practitioners and state-of-the-art biomedical research. The best medical schools, then, are those that excel at both or are “bimodal” schools. The characteristics of the four medical schools who are in the top 20 percent in both areas are that they are state-supported, relatively new schools in areas of the country that have biotechnology and computer industries. The school’s mission, admission policies and educational programs reflect these two roles and that there is significant funding for educational programs in community and rural settings. I believe that our society has similar expectations for colleges of pharmacy, namely, the education of pharmacists who can provide pharmaceutical care for the public and the

conduct of important drug-related research that improves quality of life. Given that New Mexico and our university and college have many of the characteristics described above, I believe that the “bimodal” vision is the right one for us! To measure our progress towards this vision, I have proposed that we benchmark our accomplishments against other colleges of pharmacy and our own expectations. Important benchmarks for excellence in educating pharmacists who can provide pharmaceutical care include the number of applications to the College, the percentage of our graduates who enter community practice, the number of institutional and community residencies offered in New Mexico, the percentage of our graduates who pursue residencies and the number of pharmacist clinicians in New Mexico. Benchmarks for excellence in research and scholarship include contract and grant support for faculty in the College and research awards to faculty from the National Institutes of Health. I have set goals for the College for each of the benchmarks and received new resources from the university to pursue this vision. I encourage you to contact me with your thoughts about this vision and additional benchmarks to track our progress. Working together, we can achieve this vision of excellence.

Dean John A. Pieper

CALENDAR

April 3, 2003, 5pm, Student Professionalism Seminar, Room 135

April 9, 2003, 10am-2:30pm, Career Fair, Lounge

April 15-17, 2003, ACPE Accreditation Site Visit

April 22, 2003, 4pm, Faculty / Student Gathering, Joy Donelson, R.Ph.

May 16, 2003, 6pm, COP Graduation Banquet, Albuquerque Marriott Pyramid North

May 17, 2003, 9am, UNM General Commencement, University Arena

May 17, 2003, 1:30pm, COP Commencement, Popejoy

HEALTH INSURANCE PORTABILITY AND ACCOUNTABILITY ACT (HIPAA) OF 1996

HIPAA is multifaceted federal legislation covering insurance portability, fraud enforcement (accountability) and administrative simplification. Briefly, portability allows for continuity of coverage for individuals moving between health plans. Accountability increases fraud enforcement authority for the Federal Government. The final component, Administrative Simplification, is perhaps the most complex portion of HIPAA and will be the focus of on-line training for all employees and students. In particular, the rules related to privacy and security contained in this section have generated most of the attention and discussion within the healthcare community.

The HIPAA Privacy Rule establishes a minimum patient privacy standard, based upon a set of regulations that healthcare

providers must adhere to. Under HIPAA, confidentiality and privacy of the individual is now being emphasized. The intent is for personal health information (PHI) to be handled by the healthcare professional with the same consideration that is applied to the professional and attentive treatment of patients. HIPAA applies to covered entities, which includes any health plan, healthcare clearinghouse or healthcare provider involved in transmitting any health information in electronic form for business transactions. HIPAA grants permission to use or disclose PHI for treatment, payment or healthcare operations (e.g. QA, utilization review) without patient consent.

The advent of HIPAA will lead to several significant changes within the Health Sciences Center (HSC). The majority of employees and students will be required to complete some level of training, with more rigorous training requirements imposed upon those with direct patient care responsibilities. Online training is now available on the HSC website, and must be completed by April 4th. UNM has also developed a Notice of Privacy Practices for all patients receiving care within the HSC. This document describes the HSC's obligations, policies and procedures and the patient's rights with regards to PHI. Lastly, employees who conduct research that involves PHI will be required to complete an additional on-line training module that will be available on the HRRC website in the near future. Although HIPAA may appear to be a somewhat onerous and daunting task for all involved, the intent of the legislation places a high premium on the appropriate use and confidentiality of PHI, which is of great importance to the patients that we serve.

RESIDENCY PROGRAM EXPERIENCES

A pharmacy residency is a 12-month, organized, directed postgraduate training program in a defined area of pharmacy practice. Residencies provide in-depth experiences leading to advanced practice skills and knowledge. The American

Society of Health System Pharmacists and the American Pharmacists Association accredit residencies. Approximately 25% of pharmacy school graduates nationally enter residencies annually. The residency experience of a recent UNM graduate and the expectations of a 2003 graduate are discussed below.

Amy Doten, Pharm.D., Class of 2002, is originally from Spearfish, South Dakota. She chose to complete a residency because she wanted more experience with different aspects of pharmacy practice before making a long-term commitment. Amy is currently serving a managed care residency at HealthPartners in Minneapolis, MN. HealthPartners is a not-for-profit health plan with 18 affiliated clinics. Amy's responsibilities include:

- Clinical practice, which involves a lipid collaborative practice agreement with several physicians and polypharmacy review
- Teaching opportunities such as precepting students at the University of Minnesota in the pharmaceutical care lab, advising 1st and 2nd year Pharm.D. students on community outreach projects, mentoring 4th year students from South Dakota State University, and presenting a lecture for the Pharm 708 class at the UNM COP
- Patient education through a medication class and clinical practice site
- Multiple continuing education presentations for physicians, nurses and pharmacists
- Completion of many projects including the development and implementation of patient counseling tools, writing articles for newsletters, providing medication and formulary updates and completing a research project
- Responding to prior authorization requests and participating in the P&T Committee

Amy states that the residency has been both challenging and very rewarding and that she

has enjoyed the flexibility of the residency allowing her to tailor her experiences to her personal interests. She has also been encouraged through daily one-on-one interactions with nurses, physicians and patients. Amy was originally concerned with the large number of teaching roles in the residency, but has found that this is what she has most enjoyed.

Jennifer Petrie, Pharm.D. candidate, Class of 2003, is originally from Canada and a graduate of Alamogordo High School. She will be entering a pharmacy practice residency at the UNM Hospital in July. She chose to do a residency because of her desire to work as a clinical pharmacist in the community, and is also very interested in teaching. In searching for a residency, Jennifer was primarily looking for a pharmacy practice residency and wanted the opportunity to be involved in as many aspects of the pharmacy field as possible. She also wants to be involved with research. One major advantage to the residency that Jennifer chose is the opportunity to tailor the residency to her own interests. Following are Jennifer's comments about the interview process: "The interview process is a great experience. It really allows you to focus on why you seek a residency. The typical questions include: Why do you want to do a residency? Why do you want to do a residency with us? What are your strengths and weaknesses? In addition to these, there are many other questions. In my experience, a typical interview for a residency involves talking with a multitude of individuals who work for the healthcare organization in which you are applying to. I had to give a presentation during one of my interviews, which I enjoyed. I really feel that going through the interview process is an excellent decision, just for the experience alone."

UNM Students Entering Residencies in 2003-2004

Allison Burnett
Boston Medical Center, Boston, Massachusetts
Pharmacy Practice

Gina Cagliostro
Indian Health Service, Anchorage Alaska

Pharmacy Practice

Joseph Depczynski
UNM Hospital
Nephrology Pharmacotherapy

Ralph Jackson
Lovelace Sandia Health System
Drug Information

Kim Kyro-Bello
Portland VA Medical Center, Portland, OR
Pharmacy Practice / Palliative Care

Kelly Clapper
Providence, Portland, OR
Pharmacy Practice

Jefferson Fredy
IHS, Phoenix, AZ
Pharmacy Practice

Cara Leos
UNM Hospital, Albuquerque
Pharmacy Practice

Tammy Lopez
Presbyterian Hospital, Albuquerque
Critical Care

Tera Moore
Audie Murphy VA, San Antonio, TX
Primary Care

Troy Moore
University of Texas, San Antonio, TX
Psychiatry / MS program

Phuongthao Nguyen
Southern Arizona VA HCS, Tucson, AZ
Pharmacy Practice

Jennifer Petrie
UNM Hospital
Pharmacy Practice

Shannon Rankin
Rutgers Univ, New Jersey
Emergency Medicine

NATIONAL INSTITUTE FOR ENVIRONMENTAL HEALTH SCIENCES (NIEHS) FUNDS A FULL (P30) ENVIRONMENTAL HEALTH RESEARCH CENTER FOR NEW MEXICO

Over the past four years the University of New Mexico Health Sciences Center, NIEHS Center, in conjunction with Lovelace Respiratory Research Center, has been characterized by NIEHS as a “Development Center”. Its origin was initiated by documentation of increased prevalence in asthma among children in New Mexico’s Jemez Pueblo. There stemmed concerns from the Navajo Nation as well as the Laguna Pueblo regarding exposure from

employment in the mining industry, and their communities’ close proximities to uranium mills. Thus, came together a group of research scientists, medical doctors, epidemiologists, and communities to establish methodology to address requests for assistance on environmental health issues.

The New Mexico NIEHS Center is pleased to announce its NIEHS P30 Full Center award. The NM Center will be one of 23 Centers located throughout the United States, and the only institution in the Mountain West. The funding is for four years at a total award of approximately \$4 million. The NIEHS Center program helps create a centralized resource and facilities atmosphere to be shared by investigators. A P30 award integrates and promotes research in existing projects, while establishing an administrative framework, thus providing an added dimension to research efforts greater than those of individual projects alone.

The mission of the New Mexico NIEHS Center is to perform basic and transnational research, which addresses the overall needs of Southwestern communities pertaining to regionally relevant environmental public health issues. The center consists of three research cores, 1) Environmental Disease and Toxicology Research Core, 2) Cancer Biology Research Core, 3) Respiratory Biology Research Core. In addition, the center consists of four facility cores, FC1: Environmental Assessments and Exposures, FC2: Biotechnology (genomics, proteomics, and innovative flow cytometry), FC3: Biocomputing and Bioinformatics, FC4: Biostatistics (which will also has a geospatial information system, GIS, component), COEP a community outreach and education program, as well as a Pilot program designed to attract and help support emerging environmental studies and investigators.

Scott Burchiel, Ph.D., is Center Director. For additional information see the Center’s website at <http://hsc.unm.edu/envirohealth/>.

COLLEGE HIGHLIGHTS

PROFESSIONAL LEADERSHIP ROLES

Linda Jurey, Administrative Assistant III, has been elected to serve on the UNM Staff Council as a Grade 8 representative. Stella Ramos, Student Program Advisor, also serves on the Council as a Grade 9 representative. The Staff Council is an elected and representative body and a forum for all non-faculty staff. Its primary responsibility is to be a source of input into the issues and decision-making processes of the University as they relate to the general welfare of the staff of UNM.

COLLEGE RECRUITING

The College has started a recruiting effort designed to increase the number of high quality applicants from New Mexico. The goal of our recruiting effort is to insure that 90% of all students admitted to the College are New Mexico residents. To achieve this goal we have implemented visits to high schools by faculty, and we will soon have had over 100 Albuquerque high school science students visit the College and Health Sciences Center. On March 8 the College participated at the School to World Career Fair that was attended by over 2,000 8th and 9th graders and another 600 parents and teachers. At this event we made contact with over 30 students who requested that they be included on a mailing list for the College and a letter has been sent to their parents to insure that the parents know about career opportunities in pharmacy.

To facilitate our recruiting effort we have prepared a new color pamphlet that includes information about the College and the profession of pharmacy. We also have a PowerPoint presentation that was adapted from the AACP web site to include information and photos about the UNM College of Pharmacy.

Our recruiting effort is in the formative stages and we would like your input and participation in the recruitment of the next generation of pharmacists. If you would like to work with the College in this important effort please contact Dr. Pieper (272-3241) or Dr. Born (272-3848).

FOCUS ON FACULTY

Jamie G. Barnhill, Ph.D., is an associate professor of pharmaceuticals in the UNM College of Pharmacy. Her teaching responsibilities in the College are concentrated on dosage form design, pharmaceutical calculations, physical pharmacy and biopharmaceutics. Dr. Barnhill has a joint position with the Department of Veterans Affairs Cooperative Studies Program Clinical Research Pharmacy Coordinating Center. In that capacity she serves as director of the Biopharmaceutics / Pharmacokinetics Laboratory. This laboratory is a DEA-licensed, FDA-certified, College of American Pathologist's accredited laboratory that is responsible for the drug and dosage form quality control testing of medications used in the large-scale clinical trials coordinated by the Center. The laboratory is also responsible for testing raw components used in the manufacture of experimental dosage forms, for measuring drug, metabolite, hormone and marker substances in body fluids, for trace analysis of drugs during cleaning validation, and for computer analysis and interpretation of pharmacokinetic data. The laboratory is also available for College of Pharmacy students or fellows for training and/or research projects. A New Mexico native, Dr. Barnhill began her pharmacy career with a Bachelor of Science degree from the University of New Mexico. She extended her training with a Doctor of Philosophy degree in Pharmaceutical Science from the University of Connecticut School of Pharmacy. Following a post-doctoral fellowship in Clinical Pharmacology at New England Medical Center, Dr. Barnhill served as a Psychopharmacology Clinical Specialist for the VA Boston with a joint appointment as

an Assistant Professor in Clinical Pharmacology with Tufts Medical School. Dr. Barnhill returned to UNM in the spring of 1990 with her current dual positions. Her current research is focused on studies of the pharmacokinetics of nutritional supplements and the individual and population pharmacokinetics of novel thyroid analogs.

GRANT AWARDS

Graham Timmins, Ph.D., was recently awarded a 2-year grant from the Cystic Fibrosis Foundation in the amount of \$43,033 per year. The project is entitled "Impaired – NO Killing of P.aeruginosa in Cystic Fibrosis."

GRADUATE STUDENTS

Representing the College at the International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting will be pharmacy administration Ph.D. candidates, Rupali Naik and Bijal Shah. The meeting will take place in Arlington, VA, May 18-21, 2003. Three abstracts will be presented at the meeting.