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THE
FUTURE
OF
HEALTHCARE

**IMAGINE
COMBINING
POWERFUL
KNOWLEDGE
AND STRONG
MEDICINE**

PREPARING
PHARMACISTS TO
SERVE OUR CITIZENS

For generations, pharmacists have consistently been one of the most trusted sources of medical assistance and advice for people of every socioeconomic background.



Pharmacists dispense medication and fill other critical roles, providing health information to people with limited access to medical resources. The absolute necessity of pharmacists across our state is underscored by today's shortage of these indispensable professionals.

Plans to combat this immediate shortage of pharmacists and bolster the profession for the future are already well under way. The UAMS College of

Pharmacy works hard to continue its mission of educating these experts who provide vital service through patient education, drug monitoring and clinical care. Despite the college's commitment to maintain exemplary training for current and

future pharmacists, a major hurdle still exists — funding to sustain our program.

Today we face a defining moment for the College of Pharmacy and also for Arkansas. Our state's rapidly growing elderly population will create ever greater demands for qualified health care providers. It is critical that we generate solutions to guarantee that the College of Pharmacy can continue to serve our citizens and our communities.

**TEACHING
HEALING
SEARCHING
SERVING**

PREPARING
STUDENTS FOR
THE CHALLENGES
AHEAD

The College of Pharmacy is highly respected both in Arkansas and outside our state. In fact, *U.S. News and*

World Report magazine ranked the college among the top 50 schools and colleges of pharmacy in the nation.

In addition to a strong record of education, patient care and service, research at UAMS has made tremendous strides in the recent past. Our laboratories have produced one patented product, Cecure®, whose promise for making food supplies safer throughout the world has excellent commercial prospects. Our researchers work closely with UAMS BioVentures, a small-business incubator. This collaboration has brought OmniBalm®, a skin care medication, to market.

Like our world, the pharmacy profession and pharmacy education change rapidly. The College of Pharmacy must evolve to assure that future caregivers receive the best possible learning experience.

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**A JOURNEY
TOWARD A
HEALTHIER
ARKANSAS**

THE POWER TO
FUND THE FUTURE

For the first time in more than a decade, UAMS is embarking on a comprehensive campaign to ensure a healthier future for Arkansans. Of the campaign's \$350 million goal, a significant percentage will be set aside to help the College of Pharmacy meet the health care demands of the future.

FACULTY

The single most important factor in expanding our enrollment and enriching our program is our ability to compete for faculty. More than 20 new colleges of pharmacy have opened in recent years. Established colleges like our own have significantly increased their enrollments. At the same time, many of our most successful teachers, clinicians and researchers are nearing retirement. These factors together mean that the

best faculty members – those whom we need to recruit and retain – represent a large future investment. Funds to enhance salaries and to support patient care, service and research are needed to maintain the highly skilled faculty already in place and to attract qualified candidates in the future.

Specific needs include endowed professorships and chairs in specialty areas such as geriatrics, public policy and nuclear pharmacy. Other long-term faculty needs that must be addressed include the recruitment of faculty to enable a Ph.D. program in pharmaceutical evaluation and policy, as well as the recruitment and retention of a faculty as diverse as the Arkansans whom they will serve.



STUDENT SUPPORT

The projected shortfall of potential pharmacists in the future is not due to a lack of interest. On the contrary, numerous qualified and interested Arkansans are

presently unable to enroll because they lack financial support. We need to provide programs to encourage rural and minority student enrollment. Promotion of research fellowships and summer research programs challenge and motivate students to learn. Funding also is necessary to provide clerkships in community hospitals and clinics throughout the state and for stipends to students in the Pharmaceutical Sciences Graduate Program.

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RESEARCH

Research is crucial to discovering safe and effective medications and to reducing the impact of public health threats such as obesity and diabetes. Protecting the already successful research programs at UAMS requires endowed professorships for senior faculty who lead nationally recognized research in pharmaceutical science. To maintain the competitive advantage in recruiting qualified faculty, a laboratory renovation with state-of-

the-art instrumentation for pharmaceutical analysis will be required. Additionally, a central facility for clinical research activities is needed.

Other necessary research programs include investigations of new, targeted drug therapies and cost-effective alternatives to more expensive forms of health care. A national research program in pharmaceutical evaluation and policy needs funding, as does for the doctor of pharmacy honors research program.

FACILITIES

The latest equipment and ample classroom space are always integral to successful teaching. Adequate teaching facilities require heavy investments in technology. This includes classrooms that allow students to use their laptop computers as active learners. It includes the latest in simulation laboratory equipment to teach the effects of drugs in different disease states, as well as nuclear pharmacy laboratories and clean rooms for aseptic compounding. It also includes sustaining our national leadership in using the Pharmacy Clinical Encounters Program to help our students excel in patient counseling.

HEALING

College of Pharmacy faculty and volunteer preceptors serve our neediest patients every day with no thought of payment. They give their own time to dispense drugs and to counsel

patients in free clinics in many communities. The most vulnerable patient populations benefit from these volunteer services. The care they provide when they work one-on-one with patients would benefit by your support for community pharmacy residencies, fellowship programs and rural health initiatives.

On our campus in Little Rock and across Arkansas in the Area Health Education Centers, our faculty prepare every day to care for the patients who come to us. These faculty members work as partners in teams with physicians, nurses and other providers. Our students learn how to work as a team by making hospital rounds with pharmacy faculty members. Every person whose family includes an at-risk infant, a mother with a high-risk pregnancy, a relative with a chronic disease such as diabetes, or an older person suffering from Alzheimer's disease is affected by a pharmacist's care.

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OUTREACH

UAMS has always been committed to looking well beyond our campus to reach people who need our services most. We have unique resources as an educational institution to provide comprehensive services that promote education and wellness.

With the proper funding, the College of Pharmacy will build on two decades of service by the Arkansas Poison Control Center. Planned technology upgrades will yield broadened access to continuing education through the Web and other distance education technology. Also planned are campus, state and national bioterrorism preparedness projects. Our Drug Information Center seeks an increased role in advising Arkansas caregivers about the best use of expensive medications.

Other projects include an expanded distance education program in nuclear pharmacy

and more patient practice sites across the state. All of these current and future programs will need an infusion of private donations to turn their ambitious goals into realities.

THE DIFFERENCE COMMITMENT CAN MAKE

HOW YOU CAN HELP

Throughout our past, pharmacists have proven indispensable in promoting the wellness of all Arkansans. There is no more valuable and accessible profession than pharmacy for advancing the grassroots public health services that people need on an immediate and daily basis. This importance will only be magnified by the needs of the state's rapidly aging population. Our profession's growth must mirror that of the population we are dedicated to serving. Only timely and generous private financial support can enable us to meet that demand.

The College of Pharmacy at UAMS has a distinguished history of teaching and inspiring students whose careers make a difference in the lives of patients. We are growing and changing today in ways that will help the college thrive. Our programs are the guarantee that Arkansans who rely on our services are never without this critical care.

The means to finance programs like the College of Pharmacy are diminishing every year, including the significant decreases in recent years for National Institutes of Health grants that support research in American colleges. There is no longer time to wait for a political solution or merely to hope for change. A transformation must begin today, and it must begin at home. We can make certain that all Arkansans are cared for in the manner they deserve. But we can only do it with your help.

Your commitment and generosity are needed now to help the College of Pharmacy continue to



College of Pharmacy Campaign Chairmen Dr. Vicki Fowlkes '74 and Dr. Karrol Fowlkes '74/'75.

grow. Arkansas and our society in general have benefited from the imagination of those who established the college and of those who have seen it through its years of progress. We ask you to join us in imagining the many ways the college and our pharmacists can improve health care in the future.

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“I am grateful for all of the financial help I have had for my education here at the UAMS College of Pharmacy. I hope that my future efforts to help patients are considered a worthwhile investment for those that have assisted me.”

Bret Yarbro
P4 from Conway



“I am honored to have been selected as a recipient of an endowed scholarship and greatly appreciate the generosity of the donors who established it. It has been a tremendous help as I continue with my studies in school to become a pharmacist. I could not be more thankful.”

Deborah Chen
P3 from Russellville

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**COLLEGE OF
PHARMACY**

UNIVERSITY OF ARKANSAS
FOR MEDICAL SCIENCES

