

PHARMACY FORECAST

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NEWS AND INFORMATION FROM THE CEDARVILLE UNIVERSITY SCHOOL OF PHARMACY

CEDARVILLE UNIVERSITY

Our Vision for Pharmacy at Cedarville

Cedarville University is a Christ-centered learning community equipping students for lifelong leadership and service through an education marked by excellence and grounded in biblical truth.

Our mission statement describes the distinct role we embrace in higher education — namely, producing servant-leaders characterized by integrity, professionalism, and Christ-like compassion. The Cedarville University School of Pharmacy provides us with an unprecedented opportunity to extend this vision into one of the most critical professions in the 21st century.

As the baby boomers enter their senior years, experts predict a significant shortage of pharmacists in the next decade, which means the demand for qualified pharmacy professionals will increase. Researchers also tell us that adults typically have a closer relationship with their pharmacists than they do with their physicians, consulting them three times more often and contacting them first after learning of life-threatening medical diagnoses. And with more than half of all pharmacists serving outside of community practice, the influence that these health professionals exert in medical policy and practice promises to increase. Pharmacists augment patient care in hospitals, clinics, nursing homes, home care practices, hospices, and many other health care institutions. As new medications and guidelines for medication use expand every year, experts in the area of drug therapy become increasingly important as

resources to other health care professionals. Pharmacists are now taking leadership roles in government agencies, health care policy development, medical technology companies, and the pharmaceutical

pharmacy curriculum. The six required courses in biblical studies, along with the influence of godly professors, will help them develop an ethical stance and moral position that are so important in the medical field. The extensive opportunities for ministry, locally and around the world, will provide students with a vision for making a difference.



industry. The profession of pharmacy has more recently become one of the central areas of the health care system.

We envision our graduates serving effectively as pharmacists because of what they have learned at Cedarville University. Sharpened by their classmates, our pharmacy students will graduate with outstanding academic credentials and critical thinking skills, fully equipped through our rigorous

The pharmacy program expands and exemplifies our vision for impacting the world for Christ. Please join with us to help this program become one known for its distinct, positive impact in the medical field.



John S. Gredy

Dr. John Gredy
Provost

Prepharmacy Curriculum

The program involves three years of pre-professional coursework followed by four years of professional-level education leading to a Pharm.D. (doctor of pharmacy). All students will take the standard liberal arts core, including Cedarville's distinctive Bible minor. Students will also have the opportunity to enjoy the rich co-curricular environment that produces graduates equipped to influence their professions and communities.

First Year		
Fall Semester		
BEGE-1710	Christian Life and Thought	3
BIO-1110	Introduction to Biology	4
CHEM-1110	General Chemistry I	4
ENG-1400	Composition	3
PEF-1990	Physical Activity and the Christian Life	1
PHAR-1011	Profession of Pharmacy I	1
Total Credits		16
Spring Semester		
BEGE-1720	Spiritual Formation	3
CHEM-1120	General Chemistry II	4
COM-1100	Fundamentals of Speech	3
MATH-1710	Calculus I	5
PEA-1000-2120	Physical Activity Elective	1
PHAR-1012	Profession of Pharmacy II	1
Total Credits		17
Second Year		
Fall Semester		
BEGE-2730	Old Testament Literature	3
BIO-2210	Microbiology	4
CHEM-3510	Organic Chemistry I	5
PHYS-2110	General Physics I	4
PHAR-2013	Profession of Pharmacy III	1
Total Credits		17
Spring Semester		
BEGE-2740	New Testament Literature	3
BIO-2250	Cell Biology	4
CHEM-3525	Organic Chemistry II for Biologists	4
HIST-XXXX	History Elective	3
HUM-1400	Introduction to the Humanities	3
PHAR-2014	Profession of Pharmacy IV	1
Total Credits		18
Third Year		
Fall Semester		
BEGE-3750	Christian Worldview Development	2
BIO-3450	Human Structure and Function I	4
BIO-4350	Immunology	4
GSS-1100	Politics and American Culture	3
PHAR-3200	Pharmacy Calculations	2
PHAR-3000	Pharmacy Activity I	1
Total Credits		16
Spring Semester		
BEGE-3760	Christian Worldview Integration	2
BIO-3460	Human Structure and Function II	3
ENG-2XXX	2000-Level Literature Elective	3
	Social Science/Global Awareness Elective	3
PHAR-2100	Biostatistics	3
PHAR-3000	Pharmacy Activity II	2
Total Credits		16

Timeline for Program

2008-2009

- Hire a pharmacy dean as a consultant
- Recruit the first group of prepharmacy students for fall 2009
- Initiate the Health Sciences Center task team to develop the building program plan
- Employ pharmacy admissions counselor and additional science faculty

2009-2010

- Enroll 40 prepharmacy students
- Employ a pharmacy assistant dean and two chairs
- Complete the building program plan for the Health Sciences Center (September 30, 2009)
- Approve hiring architects to design the Health Sciences Center (January 10, 2010)

2010-2011

- Enroll 50 additional prepharmacy students
- Employ three pharmacy faculty, three pharmacy staff, and two science faculty
- Approve building design and authorize construction (January 2011)
- Submit application for ACPE accreditation by March 1, 2011
- Begin construction of the Health Sciences Center (March 2011)

2011-2012

- Enroll 60 additional prepharmacy students
- Employ four pharmacy faculty, one Bible faculty, one library faculty, and one pharmacy staff
- Host ACPE accreditation visit to seek precandidate status (fall 2011)
- Evaluate feasibility of pursuing phase two of the Health Sciences Center

2012-2013

- Enroll the first professional-level students as well as 70 additional prepharmacy students
- Employ four pharmacy faculty, two science faculty, and two pharmacy staff
- Complete phase-one construction of the Health Sciences Center (July 2012)
- Complete the capital campaign for phase one of the Health Sciences Center (December 2012)
- Host ACPE accreditation evaluation to seek candidate status by June 2013

Pharmacy Faculty and Staff Recruitment

We are pleased to announce that we have identified and hired the dean for the School of Pharmacy. Because of the person's current professional responsibilities, we will not announce the identity of this outstanding pharmacy educator at this time. We are also hiring our pharmacy admissions counselor this fall. Watch for details in the next newsletter to be released in winter 2009.

Active recruiting for other administrators and faculty continues. Openings for the 2009–2010 academic year include:

- Associate Dean
- Chair, Pharmacy Practice
- Chair, Pharmaceutical Science

We also welcome inquiries from faculty candidates for 2010 and beyond. In addition to the ability to teach and research and professional qualifications that include a Pharm.D. or Ph.D., candidates must be evangelical Christians who demonstrate a vibrant walk with Christ and eagerness to invest in the lives of college students.

Visit www.cedarville.edu/facultyopenings for complete descriptions of the openings. Candidates may send inquiries and professional vitae directly to:

Dr. Andy Runyan
Associate Academic Vice President
Cedarville University
251 N. Main Street
Cedarville, OH 45314



"Pharmacy has become one of the most rapidly changing health professions. With the increasing importance of pharmaceutical agents to provide quality health care, the future of pharmacy will require integrated professional competencies. Cedarville University offers a unique academic setting to educate pharmacists to go beyond the traditional boundaries to the possibilities and needs of the future through Christ-centered thinking based on biblical truth."

— Janice Marsteller '83, Pharm.D., M.S.A., CPA
Cedarville University School of Pharmacy Advisory Council

Pharmacy Student Profile

Even though the official start of the prepharmacy curriculum is still a year away, five students have enrolled at the University to begin their studies in pharmacy. Unlike their classmates who will begin next fall, these students will invest four years in prepharmacy study, in contrast to the typical three years, and earn a bachelor's degree in the process.

How do they compare to the other members of the Cedarville University class of 2012? As you might expect, these prepharmacy students are among the sharpest of the 774 freshmen who enrolled at Cedarville in fall 2008. Like the rest of their class, most are Christian school, private school, or homeschool graduates, while 40 percent graduated from public schools. They hold an average high school GPA of 3.81 and rank in the top 10 percent of their graduating classes, demonstrating their inclination toward high achievement. While the



average Cedarville freshman ranked in the top 15 percent nationally, according to ACT and SAT scores, the average prepharmacy freshman ranked in the top four percent.

Areas of contrast include geography, church background, and gender. In contrast to all freshmen, who came from all over the country, our prepharmacy students came from only contiguous states, including Indiana, Kentucky, Michigan, Pennsylvania, and Ohio. Only a fourth of them attend Baptist churches, in contrast to 48 percent of the entire group of freshmen. And most dramatically, 80 percent of the students are female, compared to 53 percent in the freshman class. This gender representation reflects the growing interest in pharmacy among women.

Contact Us

We would love to hear from you! Prospective students should contact admissions at 1-800-CEDARVILLE or admissions@cedarville.edu. Faculty and staff candidates should contact Andy Runyan, associate academic vice president, at arunyan@cedarville.edu or 937-766-3840. All others should contact David Ormsbee, associate vice president for strategic planning and research, at ormsbeed@cedarville.edu or 937-766-4547. We welcome your ideas, recommendations, and support!



Students will take the majority of their prepharmacy classes in the Engineering, Nursing, and Science Center. Plans call for the construction of the new Health Sciences Center by 2012.

Watch for the Next Issue

In the next issue — coming in winter 2009 — meet the dean of the School of Pharmacy, learn about his background, and hear his vision for the program.

Cedarville University is a Christ-centered learning community equipping students for lifelong leadership and service through an education marked by excellence and grounded in biblical truth. More than just a mission statement, this focus attracts more than 3,000 Christian students from around the nation to study in our 100 academic programs on a beautiful 400-acre campus in southwest Ohio.

Outstanding students, world-class facilities, talented professors, and award-winning technology contribute to an education that *U.S. News & World Report*, *The Princeton Review*, and *Peterson's Competitive Colleges* all recognize as one of the best in the Midwest.

ADDRESS SERVICE REQUESTED

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