SCHOOL OF PHARMACY

TRANSFORMED

CEDARVILLE
UNIVERSITY.

News From the Dean

Greetings, students, staff, faculty, alumni, and friends of the School of Pharmacy! The temperature outside and the calendar both indicate that summer break is half over. It is important to intentionally remember with gratitude all of the many blessings God has showered on us. Space in this newsletter does not allow me to list ALL of the great things that have happened over the last year, but we will touch on a few of the highlights.

Recently, a great friend of the pharmacy program donated a tremendous, transformative gift to the school. Dr. Lucy Malmberg donated $1 million to the School of Pharmacy to help us continue to recruit the brightest, missionally-minded student pharmacists in the country. We are incredibly grateful for Dr. Malmberg's generosity and passion for Christian pharmacy education.

The school continues to intentionally forge broader and stronger partnerships with stakeholders outside of Cedarville. Approximately 25 partnerships have been strengthened over the last two years including friends in community pharmacy, health systems, industry, missions, professional organizations, and those that contribute powerfully to sustain the program.

Over the last year, about one-third of the pharmacy student body participated in cross-cultural missions trips around the globe. Forty-nine students visited 16 unique locations, meeting diverse medical needs of the patients they served. While many of the missions trip sites were inside the U.S., others were scattered across the globe in places like India, Honduras, Guatemala, Ghana, Panama, and many more. These trips allow our students to learn as well as to share transformational care all across the world.

A few changes in our faculty will be seen this coming year. Dr. Peters and Dr. Eng have been called to new and exciting endeavors. Dr. Martha Abraham, a previous community pharmacy fellow, has joined the faculty of another school of pharmacy, and we congratulate her for landing this role. Dr. Emmanuel Ayanjoke, a palliative care fellow, has been chosen from among hundreds of applicants across the country to start his own pharmacy in the Cincinnati area. We are very excited for the incredible care that Dr. Ayanjoke will provide and are crafting partnership opportunities with him in this new venture.

As newly matched residents and newly minted graduates launch into their new careers, we have much to celebrate. As the summer months allow us to rest and to creatively improve the educational experience for future student pharmacists, we have much to celebrate. As we remember God's rich blessings on our program and on the lives we get to touch, we have much to celebrate. Please join me in living out Psalm 50:22, which reminds us that God receives immense glory when we live ordered lives that are filled with thanksgiving.

May God richly bless you over the next year!

Dean Bates

2023 Year in Review

Watch the video below to learn how God has blessed the School of Pharmacy in 2023.

Cedarville University
School of Pharmacy

2023 Y Review

Jeffrey A. Bates, PharmD, BS Pharm, FMPA
Dean and Professor

Transforming Students Locally

From Cancer to PharmDs

Recent pharmacy grads Tracee and Earnest Campbell have much to be thankful for: A bright future in pharmacy and good health after a battle with cancer. They are grateful for the Lord's healing and the support they received to make it possible.

READ MORE »

CedarCare: New Name, New Owner

Alumna Dr. Katie Perry has taken over operations of Cedar Care Village Pharmacy. Dr. Perry adds Cedarville Hometown Pharmacy to the two other independent pharmacies that she owns. The school is excited to work closely with Dr. Perry to continue using this pharmacy as a teaching pharmacy for many pharmacy students.

READ MORE »

School of Pharmacy Applause and Accolades

Welcome, New Alumni

In May, 40 students graduated from the School of Pharmacy, our eighth class of PharmDs. Our network of alumni now totals 337!

CUSOP Awards

The CUSOP welcomed back our recent graduates for NAPLEX week review and were pleased to provide several of these individuals and one faculty member with the following CUSOP awards:

- Katie Schwaller received the CUSOP award for “Outstanding Service to the College, Peers, Faculty, and Staff” and “Completion of Curricular Track.”
- Zach Krauss received the CUSOP awards for “Impact in Pharmacy Service to the Underserved” and “Completion of Curricular Track.”
- Alexander Goodridge received the CUSOP “Faculty Award for Distinguished Graduating Student” and “Completion of Curricular Track.”
- Luke Bredeson received the CUSOP “Viatris Excellence in Pharmacy” Award.
- Megan Stevens received the CUSOP “Faculty Award for Distinguished Graduating Student.”
- Rachel Wolthoff received the CUSOP award for “Innovation in Pharmacy Practice.”
- Francis Gnagniko received the CUSOP award for “Completion of Curricular Track.”
- Patrick Goodpaster, Veronica Garrison, and Jordan Orchard for “Completion of Curricular Track.”

Residency Match Rates

We are excited to announce our residency match rates for this year:

- 75% this year, 81% over the last five years
- PGY2: 100% match rate

Distinguished Faculty Member of the Year

In May, the student body chose one faculty member to receive the Distinguished Faculty Member of the Year award. This faculty member is one who most embodies professional and academic excellence. Congratulations, Dr. Samson Amos, for being named this year's winner.

AACP Teacher of the Year

Dr. Stephanie Tubb has been selected as our AACP Teacher of the Year. One student commented, "Dr. Tubb is an excellent professor. She is tasked with teaching some of the most controversial topics in pharmacy school. She does so with excellence."

PHARMACY
Camp
'23!

Pharmacy Camp

We had another amazing week of Pharmacy Camp here in the CUSOP in June! Thank you to CVS for sponsoring this exciting week, as we teach high school students about the profession of pharmacy! Several of our current students have been former pharmacy campers themselves!

Transforming Patient Lives Globally

Summer Missions Trip Testimonial

Read what student Josh Ford, who is serving in Niger this summer with one of our alumni, has to say about his medical missions trip:

I have been able to assist with the logistics of ordering a year's worth of medications, as well as personally helping to manage the hospital's inventory of medications and surgical supplies. I have participated in clinical rounding every morning, mostly with the orthopedic and pediatric surgery teams, and because of my unique skill set as a pharmacy student, I have been able to make life-saving interventions on several occasions.

My education through Cedarville's School of Pharmacy has trained me to spot when clinical interventions like these are necessary, and through the Holy Spirit, I have also been blessed to be able to make what I call spiritual interventions almost daily. When talking with the evangelists, it is clear that the pharmacy team here is the most common instigator of these spiritual interventions, in which we either mark on the patient's chart, or personally tell the evangelist and medical team that this patient needs to speak to the evangelist outside of our team praying with them. In combining both *clinical and spiritual interventions, I can truly say that through Christ we here have been able to help heal bodies and spirits.*

GOTRANSFORM
REFLECT-CELEBRATE-GO
Mark 16:15 - Go into all the world and preach the gospel to every creature.

Student Missions Trips: GO Transform

This year we had an event titled Go Transform where students present in a poster session about the different medical missions trips that they participated in throughout the 2022-2023 academic year. It was amazing to hear about the impact our students and alumni are making throughout the world as they serve the underserved through healthcare. We had a total of 49 students presenting at this event, who served in 16 unique locations:

- Alabama: Cahaba Medical Center
- Arizona: Tuba City Regional Healthcare
- Athens, OH: Shriver’s Pharmacy:
- Atlanta: Encounter
- Chicago: Lawndale
- Cincinnati, OH: St. Vincent de Paul
- Ecuador: Santiago Partnerships
- Ghana: Korle-Bu Teaching Hospital
- Guatemala: Caring Partners
- Honduras: Clinica Esperanza
- Honduras: World Gospel Mission
- India: Delhi Bible Institute
- Kentucky: King’s Daughters Medical Center
- Kentucky Mountain Mission: Sunshine Camp
- Panama: SCORE international
- Virginia: Camp Evangel

We are excited for new partnerships for the upcoming academic year in which students will be traveling to Brazil with Apoio Ministries and to Peru with MMI International.

BETHESDA
COMMUNITY CLINIC
FREE MEDICAL CARE TODAY
ATENCIÓN MÉDICA GRATUITA HOY

Summer Missions Trips

This summer, we have sent out a total of 23 students to 10 different locations to share the Gospel through pharmacy:

- Alabama: Cahaba Medical Center
- Arizona: Tuba City Regional Healthcare
- Athens: Shriver's Pharmacy
- Cincinnati: SVDP
- Ecuador: Santiago Partnerships
- India: Delhi Bible Institute
- Kentucky: King's Daughters Medical Center
- Kentucky: Sunshine Camp
- Niger (with one of our alumni who is a full-time missionary)
- Virgina: Camp Evangel

nutramax
LABORATORIES
CORE VALUES
To Glorify God
To Serve Our People
To Support Our Community
To Pursue Excellence

Nutramax Partnership

We are thankful for the partnership with Nutramax highlighting two of our core goals — innovation and global service. Their financial support of our research labs and partnership on research projects and student missions trips and engagement help us prepare our students to go and transform patient lives globally and innovatively!!

Transforming Healthcare Innovatively

Faculty Innovator of the Year Award

On April 21, 2023, Cedarville's president, Dr. Thomas White, presented Dr. Justin Cole with the Faculty Innovator of the Year Award. We are so blessed to have Dr. Cole as part of our team!

Center for Pharmacy and Innovation

The re-imaging of CPI has started to take shape, and we have had a productive last several months. The Kettering Health Pharmacy department held a design thinking session on campus to help their pharmacy leadership team to think beyond their daily routines to solve problems. Kettering Health and the International Center for Creativity (ICC) are collaborating on a medication adherence discovery project using interns from CPI and ICC. We are also investigating the possibility of having a work study program with a local company that will allow our students to have a paid hands-on learning opportunity. As we continue to build on the success we have had in 2023, we have put together a list of seven priority items that we are focusing on this summer.

The Center for Pharmacy Innovation continues to produce DISRxUPT, a podcast that focuses on pharmacy innovation and entrepreneurship. From COVID vaccines to nuclear pharmacy and anything in between, each episode is a conversation with experts in various fields, including faculty, alumni, and special guests. DISRxUPT can be found on all major podcasting platforms, including Apple Podcasts, Google Podcasts, Spotify, Stitcher, and many others! Please take some time to listen in, subscribe, and share with others.

LISTEN TO RECENT PODCAST»

Faculty Research

Here is a list of just some of our faculty research from this past year:

- Grinalds MS, Yoder C, Krauss Z, Chen AM, Rhoney DH. Scoping review of rational polytherapy in patients with drug-resistant epilepsy. Pharmacother. 2022;00:1-32.
- Powe E, Parschauer D, Istifan J, Lin S, Duan H, Gryka R, Jean-Louis D, Tiwari AK, Amos S. Luteolin enhances erlotinib's cell proliferation inhibitory and apoptotic effects in glioblastoma cell lines. Front Pharmacol. 2022;13:952169.
- Brax AD, Sapko MM, Cole JW, Landgrave LC, Magers JK, Pierson SM. Implementation of an electronic pharmacy scoring tool to prioritize clinical pharmacists' daily workflow at a pediatric institution. Am J Health Syst Pharm. 2023;80(2):68-74.
- Buckley E, Gunaseelan S, Aronson BD, Anksorus HN, Belousova V, Cat TB, Cline KM, Curtis SD, DeRemer CE, Fuentes D, Grinalds MS, Haines SL, Johnson HE, Kopacek K, Louie JM, Nonyel NP, Petry N, Taylor SR, Harris SC, Sadowski CA, Law AV. Well-being content inclusion in pharmacy education across the United States and Canada. Am J Pharm Educ. 2023;87(3):ajpe8918.
- Krauss Z, Hintz A, Fisk B. Tirzepatide: Clinical review of the “twincretin” injectable. Am J Health Syst Pharm. 2023;zxad080. Online ahead of print.
- Obi EN, Tellock DA, Thomas GJ, Veenstra TD. Biomarker Analysis of Formalin-Fixed Paraffin-Embedded Clinical Tissues using Proteomics. Biomolecules. 2023;13(1):96.
- Rutschilling R, Schrader J, Draime JA, Straw A, Barhorst R. Implementation of a pharmacist-led spirometry clinic. J Am Pharm Assoc. 2023;S1544-3191(22)00423-X. Online ahead of print.

- Straw A, Mills J, Winters R, Van de Roovart H, Chen AMH. Community pharmacies and the empowerment of self-care in the United States. Explor Res Clin Soc Pharm. 2023;10:100266.
- Straw AM, Cole JW, McGuire K. Peer instruction as an alternative active learning pedagogy across the pharmacy curriculum. Am J Pharm Educ. 2023. In press.
- Sun D, Kinney J, Hintz A, Beck M, Chen AMH. Advancing pharmacy education by moving from sequenced "integration" to true curricular integration. Am J Pharm Educ. 2023;87(6):100056.
- Veenstra TD, Veenstra BT. Proteomic applications in identifying protein-protein interactions. Advances in Protein Chemistry and Structural Biology. Academic Press. 2023. In Press. https://doi.org/10.1016/bs.apcsb.2023.04.001

A partnership has been established to provide $50,000 annually for product research in the SOP pharmaceutical sciences research lab.

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