

IMPACT REPORT

2024

CULTIVATING INNOVATION IN CARE



NACDS FOUNDATION

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We are pleased to share the 2024 Impact Report.

The NACDS Foundation is focused on identifying solutions to pressing public health issues across our country. The pandemic illuminated the important role that pharmacies play in the lives of Americans.

With that experience, we recommitted to addressing critical care gaps by empowering partners poised to transform healthcare delivery – from researchers in academic institutions and deans within colleges of pharmacy, to pharmacists and other healthcare visionaries in the field.

This report elaborates on the important work of the Foundation, which is comprised of four pillars:

- 1 RESEARCH
- 2 SCHOLARSHIP
- 3 FACULTY SCHOLARS
- 4 PHILANTHROPY

Our work both embraces and transcends data. Data drives empirical evidence and advances the healthcare field; it is how we determine what to study and how to measure success. However, each data set represents individuals searching for answers to their own health issues. This is what inspires us every day.

We are excited to share that the Foundation is expanding the visibility of our charitable work. Thanks to feedback from many of you who wanted to know more about our activities, we created a digital presence for real-time updates. We would be honored to have you follow @NACDSFoundation on X and LinkedIn.

Your support is key to our success. We continue to be grateful and humbled to invest in programs that benefit the health of our communities.

In closing, we want to thank the NACDS Foundation Board of Directors for their leadership. We appreciate their role in the Foundation's ability to cultivate innovation in care.

With gratitude,

Steven C. Anderson, FASAE, CAE, IOM
Chair, NACDS Foundation

Sara E. Roszak, DrPH, MPH
President, NACDS Foundation

1 RESEARCH

Innovating and Improving Access to Care

The NACDS Foundation supports impactful, cutting-edge research projects to effect healthcare transformation, address disparities, and improve health outcomes across the country. Over the last decade, the Foundation has awarded \$12M in community-based research.

A recently published study that examined access for minor illnesses through community pharmacies is an example of the Foundation's commitment to pioneering new healthcare delivery models. Led by researchers from Washington State University College of Pharmacy, the study compared the quality and cost of pharmacy, primary, urgent, and emergency department care settings. The clinical interventions focused on routine healthcare needs such as treatments for urinary tract, outer ear, and yeast infections; hormonal contraception; inhaler and epinephrine refills; and care for minor burns.



\$12M+
IN PATIENT-CENTERED RESEARCH



RESEARCH SPANNING ACROSS
25 STATES

The study included 175 pharmacists from 46 pharmacies across southwest Washington and the Seattle and Spokane areas, with participation from five different pharmacy companies. The study revealed that pharmacist-provided care maintained care quality with significant cost savings, potentially reducing financial burdens on the healthcare system more broadly. The findings demonstrate the importance of challenging the status quo to explore and inform healthcare improvements that make a meaningful difference.

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If the 84,555 patients who had sought care initially at a 'traditional' site of care had been seen at a community pharmacy, the cost savings would be approximately \$23.5M. The potential cost savings to the healthcare system are staggering.”

-Akers JM, et al. Expanding Access to Patient Care in Community Pharmacies for Minor Illnesses in Washington State. Clinicoeconomics & Outcomes Research. 2024 May 3;16:233-246.

2 SCHOLARSHIP

Advancing Pharmacy Education and Fostering Diversity

For over 25 years, the NACDS Foundation Scholarship program has awarded funding to schools and colleges of pharmacy for their commitment to education. Since its inception, the Foundation has granted more than 100 scholarships, totaling more than \$5M.



CASE STUDY

The **INNOVATION SCHOLARSHIP** funds community-based coursework or other curriculum innovations that advance pharmacy education, promoting the health of communities.

Binghamton University State University of New York School of Pharmacy and Pharmaceutical Sciences was awarded a NACDS Foundation Scholarship to support new opportunities for pharmacy students to gain experience providing direct patient care while also serving vulnerable community members through free clinics. The initiative fostered multidisciplinary collaboration, enhanced health literacy, and cultural competency education.

Across health professions, 72 students participated, including 20 pharmacy students. Participants sharpened their clinical skills through learning retreats that addressed populations with unique healthcare needs, educating school-aged children on mental health priorities, and healthcare career opportunities.

CASE STUDY

The **DIVERSITY SCHOLARSHIP** supports programs that advance access to opportunities in pharmacy education for underrepresented students.

The Medical College of Wisconsin School of Pharmacy was awarded a scholarship to support the development of immersive experiences for high school students in community pharmacy settings to get exposure to pharmacy careers.

Experiences included hands-on labs; networking opportunities with pharmacy students; guidance on internships; professional writing seminars; pharmacy career panels; tours of hospital facilities; and mock interview sessions. 19 students participated from 11 Milwaukee area high schools, plus 19 faculty, 9 staff, 9 student pharmacists, and 17 pharmacist mentors. The majority of student participants identified as members of racial or ethnic minority groups.

3 FACULTY SCHOLARS

Empowering Emerging Leaders in Research and Education

Fostering the next generation of leaders is key to ensuring future innovations in public health. The NACDS Foundation Faculty Scholars program enables associate and assistant professors from schools and colleges of pharmacy to gain practical experience conducting community pharmacy-based, patient-centered research.

Over 18 months, participants engage in an educational mentorship program with seasoned research experts, transforming research ideas into published manuscripts through NACDS Foundation starter grants. To date, 50 early research faculty have participated in the program.



"The NACDS Foundation Faculty Scholars program has been instrumental in my development as a researcher and pharmacy educator. I have new insights into community research and translating those findings into practice. This program also inspired me to explore new avenues in pharmacy education and patient advocacy – like expanding pharmacy access for services supporting women's health and childhood vaccination."

-Amanda Savage, PharmD, Assistant Professor, University of North Carolina at Chapel Hill Eshelman School of Pharmacy

"I've always had a passion for patient care, and the mentorship provided through this program has only broadened my commitment to caring for my community. The program fostered a collaborative environment that inspired innovation in our evidence-based research and also strengthened connections with fellow scholars and researchers."

-Nicole Pezzino, PharmD, BCACP, BC-ADM, CDCES, Associate Professor and Director of Community Partnerships, Wilkes University, Nesbitt School of Pharmacy

"The NACDS Foundation empowers me to explore the future of healthcare delivery. The Faculty Scholars program has advanced my goals and meaningfully impacted my work and passion for improving public health."

-Clark Kebodeaux, PharmD, BCACP, Associate Professor, University of Kentucky College of Pharmacy

4 PHILANTHROPY

Bolstering Support for Organizations with Aligned Missions

The NACDS Foundation remains steadfast in its commitment to strategic funding of charitable organizations with collaborative and public health focused missions that aim to advance healthcare access, outcomes, and equity.

As part of this commitment, the Foundation actively supports the Centers for Disease Control and Prevention (CDC) Foundation's efforts to end hunger and increase healthy eating and physical activity across the U.S. by 2030.

The statistics underscore the urgency of this work: 1 in 4 households have experienced food insecurity, 19 million Americans live in food deserts, and poor diet contributes to an additional \$77.5B in annual healthcare spending in the US. Although hunger affects a significant portion of Americans, its impact is pronounced in underserved communities, including communities of color, low-income families, and those living in rural areas.



This initiative represents an extension of prior collaborations with the CDC Foundation. In 2017, the NACDS Foundation partnered with the CDC Foundation to support the CDC's Sustainable Health Center Implementation of a pre-exposure prophylaxis (PrEP) Pilot (SHIPP) Study. The SHIPP study provided valuable insights into integrating delivery of oral PrEP within health centers serving adults at high risk of HIV infection. That same year, as a tribute to our strong partnership and collaboration, Dr. Judy Monroe, President and CEO of the CDC Foundation, was honored with the NACDS Foundation Excellence in Patient Care Award.



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