



NABP/AACP District IV 2024-2025

Future Pharmacists Grant Program Small Grant Support for Colleges/Schools of Pharmacy

Overview

NABP-AACP District IV recognizes the role of student pharmacists in shaping the future of pharmacy practice and patient care. The purpose of this program is to support projects that promote and advance public health. These projects must be conducted by students from District IV (Wisconsin, Michigan, Ohio, Indiana, and Illinois) colleges or schools of pharmacy in conjunction with one or more community partners. This grant is intended to provide seed money to develop sustainable programs (programs that can continue beyond the dictated grant period). The projects must have measurable outcomes and serve as templates that can be implemented by interested groups elsewhere in the country.

The District IV Board has designated **preventive care** as the topic for this grant cycle. Proposals submitted for this cycle should be relevant to pharmacy practice, academic pharmacy and/or state boards of pharmacy.

Preventive Care

Preventive care is a cornerstone of modern healthcare, focusing on the prevention of diseases and the maintenance of health rather than the treatment of illnesses after they occur. By prioritizing preventive care, patients significantly reduce their chances of developing chronic conditions like diabetes, heart disease, and certain cancers, leading to longer, healthier lives. Despite this, millions of people in the United States don't get preventive care services like vaccinations, point-of-care testing, and screenings as recommended.¹

Pharmacists play a crucial role in enhancing access to preventive care services. As highly accessible healthcare professionals, pharmacists are often the first point of contact for individuals seeking medical advice. They can provide essential services by administering vaccines, conducting health screenings, conducting CLIA-waived testing, providing pharmacy care services, and prescribing medications.² By leveraging their expertise and accessibility, pharmacists can help bridge the gap between patients and preventive care, ensuring that more people receive the necessary interventions to maintain their health.

Pharmacists have proven effective extenders of preventive care services before. Evidence demonstrates a statistically significant increase in immunization rates among all immunizations when pharmacists act as immunizers and immunization advocates in hospital systems, primary care facilities, and community

¹Borksy, A., et al. (2018). Few Americans Receive All High-Priority, Appropriate Clinical Preventive Services. *Health Affairs*, 37(6). DOI: 10.1377/hlthaff.2017.1248. Accessed July 25, 2024

²Tsuyuki RT, Houle SKD, Okada H. Time to give up on expanded scope of practice. *Can Pharm J (Ott)*. 2018;151(5):286

pharmacies.³ Pharmacists have also taken the lead in the provision of immunizations since the COVID-19 pandemic. Pharmacists provided >270 million COVID-19 vaccinations between December 2020-September 2022.⁴ With the pandemic, more patients completed other routine immunizations at pharmacies, including influenza, pneumococcal, and HPV vaccinations.⁵ Pharmacists stepped up in a time of crisis to provide access to preventive care, and continue to do so on a daily basis.

Pharmacists have the capability to expand access to preventive care in a number of additional ways, through the provision of CLIA-waived tests and screening questionnaires, engagement in collaborative pharmacy practice services for high-risk populations, medication therapy management, and independent prescribing practices as authorized.⁶ The American Society of Health System Pharmacists (ASHP) supports pharmacists' role in programs providing preventive women's health services, chronic disease prevention, immunizations, mental health services, substance use disorder, and tobacco cessation therapy, among other preventive services.⁷

Despite this support and the ability of pharmacists to positively impact patient preventive care, many of the metrics targeted by the U.S. Department of Health and Human Services in Healthy People 2030 are stagnant or getting worse.⁸ Cancer screenings, heart disease and stroke prevention, and adequate prenatal care all demonstrate either no improvement toward targets or demonstrate declines in utilization from baseline.

Pharmacists have a unique opportunity to positively impact preventive healthcare access and patient engagement in their communities. The COVID-19 pandemic highlighted issues related to preventive care access in the traditional healthcare model, and the ability of pharmacists to fill these gaps capably and confidently. Pharmacy students have a unique opportunity to partner with faculty members, community leaders, and advocacy groups to develop a sustainable service or intervention to improve preventive care within their community.

The Projects

District IV will support sustainable projects that can implement problem-solving ideas to address preventive care in the community. The projects submitted must have community partner involvement. Project partners may include any community groups that provide or positively impact preventive care in the community. These can include social and health organizations, government agencies, legislative offices, professional associations, and state boards of pharmacy.

³Le LM, et al. The impact of pharmacist involvement on immunization uptake and other outcomes: An updated systematic review and meta-analysis. *J Am Pharm Assoc* (2003). 2022 Sep-Oct;62(5):1499-1513.e16. DOI: 10.1016/j.japh.2022.06.008. Accessed August 6, 2024

⁴Grabenstein JD. Essential services: Quantifying the contributions of America's pharmacists in COVID-19 clinical interventions. *J Am Pharm Assoc* (2003). 2022 Nov-Dec;62(6):1929-1945.e1. DOI: 10.1016/j.japh.2022.08.010. Epub 2022 Aug 18. Accessed August 6, 2024

⁵IQVIA Institute. Trends in vaccine administration in the United States. IQVIA; 2022. Available from: <https://www.iqvia.com/-/media/iqvia/pdfs/institute-reports/trends-in-vaccine-administration-in-the-united-states/iqvia-institute-trends-in-vaccine-administration-in-the-us-for-web.pdf>. Accessed August 6, 2024

⁶Kelling SE, Rondon-Begazo A, DiPietro Mager NA, Murphy BL, Bright DR. Provision of Clinical Preventive Services by Community Pharmacists. *Prev Chronic Dis* 2016;13:160232. DOI: 10.5888/pcd13.160232. Accessed August 6, 2024

⁷American Society of Health-System Pharmacists. ASHP statement on the pharmacist's role in public health. ASHP; 2022. Available from: <https://www.ashp.org/-/media/assets/policy-guidelines/docs/statements/pharmacists-role-public-health.pdf>. Accessed August 6, 2024

⁸Office of Disease Prevention and Health Promotion. Preventive care. Healthy People 2030. Available from: <https://health.gov/healthypeople/objectives-and-data/browse-objectives/preventive-care>. Accessed August 6, 2024

A major goal of this grant is to establish and strengthen ties between student groups and their community partners. The projects should have clear objectives that will be attained during the project. **All participating partners must have a relevant role in the project. The student organization must take the leadership role.** This award is not intended to support current activities, but to assist in establishing new ones.

Funding

The maximum funding request is \$3,000. The District IV Board reserves the right to make more than one award, not to exceed this funding amount.

Eligibility

All student groups and professional chapter organizations in colleges/schools of pharmacy located in District IV are encouraged to apply.

One proposal will be accepted per college/school. The project must have a full-time faculty member at the college/school as an advisor.

2024-2025 Grant Project Timeline

September 19, 2024	Grant announcement made/Application period begins
November 14, 2024	Applications due to Grant Administrator (send completed application to rades@purdue.edu)
November 14 – November 26, 2024	Application review period
November 27, 2024	Awardees formally announced via email communication and posting on NABP District IV website
January 1, 2025	Project/Activity period begins
January 15, 2025	Funds forwarded to awardee
April 30, 2025	Mid-project report due
August 15, 2025	Project/Activity period ends
August 31, 2025	Final Project Report due from awardee(s) and financial report due to grant administrator
September 2025	Student representatives (up to two) present the project report at the NABP/AACP District IV Annual Meeting

Evaluation Criteria

The primary evaluation criteria are provided in the evaluation rubric (see below). Under the direction of the Executive Director of the District IV Board, reviewers will be appointed to evaluate the proposals.

Budget

Must be clear, detailed, and appropriate. Please note:

- No funding is available for charges incurred outside the project period.
- Funding for supplies/equipment is limited to items essential to the project. Applicants are encouraged to outline a plan for what happens to equipment after completion of the project. Equipment maintenance or repair is not eligible for funding.
- Consult your school/college of pharmacy or university Institutional Review Board (IRB) for approval of using human subjects in research.
- If you receive the award, funds not used at the end of the project period must be returned to District IV.

Budget Justification:

All funding requests must be justified in narrative form (maximum of one page). Applicants are advised to consider that the review committee relies heavily on the narrative budget explanation and justification when making decisions about funding.

Grant Administrator

Should you have any questions regarding the grant project, please contact:

Ryan Ades, PharmD, BCPS

Director of IPPE and Experiential Curriculum

Clinical Assistant Professor (courtesy) – Department of Pharmacy Practice

Purdue University College of Pharmacy

575 Stadium Mall Drive, Room 370

West Lafayette, IN 47907

Phone: 765-494-5442 Fax: 765-494-0801

Email: rades@purdue.edu

	Excellent (3 Points)	Adequate (2 points)	Needs Improvement (1 Point)
Project Concept (15%)	Provides a clear, complete, easy to understand project description that tightly fits grant program priorities	Provides a description that only somewhat meets the grant program priorities	Description and background are insignificant to the project and do not pertain to the grant program priorities
Objectives and Measures (15%)	Include specific and easily measurable objectives. Explains how outcomes will be measured	Includes clear but not easily measurable objectives. Adequately explains how outcomes will be measured	The objectives are not clearly stated or measurable. Does not explain how outcomes will be measured
Potential community impact (10%)	Demonstrates the potential to significantly impact the community	Demonstrates some potential to impact the community	Demonstrates minimal to impact the community
Methodology (10%)	Provides a clear explanation of the proposed methodology or process	Provides an adequate explanation of the proposed methodology or process	Provides an explanation of the methodology, but it is not clear or well organized, or no clear methodology
Long term benefits (5%)	Includes several clearly stated long-term benefits of the project	Includes a few long-term benefits of the project or benefits not clearly stated	Includes minimal or no stated benefits
Unique Characteristics (5%)	Introduces new methods/ideas that are practical and original	Shows some effort of introducing new methods or ideas	There are methods introduced, but they are not new or original, or no new methods at all
Sustainability (5%)	Clearly explains how the project will be continued after the grant period	Somewhat explains how the project will be continued after the grant period	Poorly explains how the project will be continued after the grant period
Feasibility (20%)	Very high likelihood of success. Project mechanisms are presented well and the timeline is appropriate for the project	Moderate likelihood of success. The project mechanisms presented are acceptable and the timeline is not appropriate for the proposed project	Little likelihood of success. The project presented is unclear. The timeline is not appropriate or not given
Itemized budget and Justification (10%)	Budget is clear, and is highly feasible for the activities proposed. Provides rationale and significance of expenditures in a well-structured, logical form	Budget is included and seems somewhat feasible. Shows some effort to present the rationale and significance of expenditures in a well-structured argument	Budget is absent or is included, but does not appear feasible. Argument for expenditures is weak and lacks justification.
Writing technique (5%)	Uses acceptable style and grammar (0-2 errors)	Uses adequate style and grammar (3-5 errors)	Poor style and grammar (6 or more errors)

2024-2025 District IV Future Pharmacists Award Application

Application Deadline: November 14, 2024

Name of School/College _____

Address _____

Primary Student Contact _____

Phone _____ Title/Office _____

Email _____

Partnering Organization _____

(List the Community Partnership Organization)

Primary Organization Contact _____

Phone _____ E-mail _____

Name of Project/Program _____

State the specific problem you will address and who will directly benefit from this award.

Amount Requested (up to \$3,000) _____

- I understand this proposal will NOT be used for a current project/activity.
- I understand that this proposal will only be used to support activities directly related to establishing a new project/activity

Signature (Advisor) _____ Date _____

Typed Name _____ E-mail _____

Signature (Primary Student Contact) _____ Date _____

Typed Name _____ E-mail _____

Application Checklist

Use the checklist to complete your application. Submit all information online in PDF and Word format.

Application Checklist
for the
NABP/AACP District IV Future Pharmacists Grant Program

<input type="checkbox"/>	Cover Sheet - Include: project title, organization submitting proposal, partnership organization(s), date(s) where the project will take place, primary contact name.
<input type="checkbox"/>	Abstract - A brief, comprehensive summary of the proposal content (200-word limit). Reviewers will receive their first impression of the project from this abstract.
<input type="checkbox"/>	Narrative - no more than <u>5 double-spaced</u> pages The proposal narrative should include: <ul style="list-style-type: none">• Introduction and background• Description of the project partnership• Project impact on the community, including how many people will be served• Expected results, including long-term benefits of the project• Methods for measuring outcomes• Unique characteristics of the project• How the project will be sustained in future years• Feasibility of the project
<input type="checkbox"/>	Proposed itemized budget and Timeline (maximum: 1-page budget, 1-page justification) Provide an itemized budget for your project along with a project timeline that begins after January 1, 2025 and is completed by August 31, 2025.
<input type="checkbox"/>	Signatures – from advisors or responsible college/school representative, primary contact and collaborating partner (if applicable).
<input type="checkbox"/>	Award Applicant Agreement (see below).

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Award Applicant Agreement

If awarded, I agree to:

- Provide a written mid-project report by April 30, 2025 detailing progress towards meeting the stated objectives. The report may include photos, a summary of funds spent, description and dates of activities, and whether objectives have been met.
- Submit an end of project report by August 31, 2025. This summary must include a listing of all activities/events completed, including their outcomes, an itemized report of project expenses, as well as copies of receipts for all expenditures.
- Make recommendations on how this grant program may be improved by adding a written narrative to the end of the report.
- Send at least one representative to the annual District IV meeting to present the report.

I have read and understood this agreement.

Name of Primary Contact _____ Email _____

Signature of Primary Contact _____ Date _____

