



NABP/AACP District IV 2025-2026

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 **immunizations** 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.

Immunizations

Immunizations are one of the most important advancements in the history of healthcare. The number of lives saved by vaccination of patients is nearly incalculable, but here are some key numbers that begin to describe the scope of the impact:

- Before its eradication in 1977, smallpox is estimated to have caused the deaths of 300-500 million people worldwide in the 20th century alone.¹
- Over the past fifty years, worldwide increases in childhood vaccination rates have resulted in the aversion of 154 million deaths worldwide, with an average gain of 66 years of full health for each averted death.²
- In the United States from 1994-2023, childhood vaccination accounted for the prevention of 508 million illnesses, 32 million hospitalizations, and 1.1 million deaths, saving \$540 billion in healthcare costs.³

¹ Berche, Patrick. "Life and Death of Smallpox." *La Presse Médicale*, vol. 51, no. 3, Sept. 2022, article no. 104117. Elsevier, <https://doi.org/10.1016/j.lpm.2022.104117>. Accessed July 29, 2025

² Thomson, Mark C., et al. "Contribution of Vaccination to Improved Survival and Health: Modelling 50 Years of the Expanded Programme on Immunization." *The Lancet*, vol. 403, no. 10434, 2024, pp. 1871–1883. Elsevier, [https://doi.org/10.1016/S0140-6736\(24\)00850-X](https://doi.org/10.1016/S0140-6736(24)00850-X). Accessed July 29, 2025

³ Zhou, Fangjun, et al. "Health and Economic Benefits of Routine Childhood Immunizations in the Era of the Vaccines for Children Program—United States, 1994–2023." *Morbidity and Mortality Weekly Report*, vol. 73, no. 31, 8 Aug. 2024, pp. 682–685. Centers for Disease Control and Prevention, <https://www.cdc.gov/mmwr/volumes/73/wr/mm7331a1.htm>. Accessed July 29, 2025

Pharmacists have become an integral provider of vaccinations over the past twenty years and now have the authority to administer vaccines in all 50 states.⁴ 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 pharmacies.⁴ Pharmacists are well positioned to provide immunization reviews and recommend vaccines, and served an integral role in providing immunizations during the COVID-19 pandemic. More than half of all COVID-19 vaccinations administered from December 2020 – September 2022 (>270 million total doses) were administered by community pharmacy programs.⁵

While routine childhood vaccination rates in the United States are generally high, there is still room for continued improvement, especially in relation to adolescent and adult vaccination rates. The most recent available data shows that 57.3% of patients aged 13 to 15-years-old received the recommended doses of HPV vaccine in 2023, well below the Healthy People 2030 target of 80%.⁶ Roughly 50% of eligible persons over 6 months of age are vaccinated against seasonal influenza every year. Vaccination coverage of patients at increased risk of pneumococcal disease aged 19-64 years hovers around 23%, with patients over age 65 receiving pneumococcal immunizations at a 64% rate according to 2022 data.⁷

While the evidence in support of immunizations as crucial components of healthcare is overwhelming, pharmacists continue to fight misinformation and opposition from so-called “anti-vax” groups. Vaccine hesitancy has led to decreased vaccination rates in some populations, with concerns over vaccine safety, a lack of trust in vaccines, decreased perceived need for vaccination, and cultural incongruities to immunization highlighted as primary causes.⁸ Misinformation in the form of conspiracy (microchips in the vaccine), side effects (concerns related to mental illness, infertility, DNA changes, etc.), and vaccine development safety concerns are reported by those hesitant to receive vaccines. Recent changes to the membership selected to sit on the Advisory Committee for Immunization Practices (ACIP) and disagreements between the new ACIP board and established healthcare practices concerning COVID-19 vaccination in pregnancy and use of thimerosal in multi-dose formulations of vaccines may also impact vaccine support.⁹

Pharmacists are perfectly positioned as the most accessible healthcare practitioners to provide safe, effective, and accurate immunization care to patients, increasing immunization rates, improving patient health, and reducing healthcare costs. Pharmacy students have a unique opportunity to partner with faculty members, community leaders, and advocacy groups to develop a sustainable practice to improve immunization services within their community.

⁴ Le 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. <https://doi.org/10.1016/j.japh.2022.06.008>. Accessed August 6, 2024

⁵ Grabenstein, John D. "Essential Services: Quantifying the Contributions of America's Pharmacists in COVID-19 Clinical Interventions." *Journal of the American Pharmacists Association*, vol. 62, no. 6, 2022, pp. 1929–1945. Elsevier, <https://doi.org/10.1016/j.japh.2022.08.010>. Accessed July 29, 2025

⁶ Office of Disease Prevention and Health Promotion. “Vaccination.” *Healthy People 2030*, U.S. Department of Health and Human Services, <https://odphp.health.gov/healthypeople/objectives-and-data/browse-objectives/vaccination>. Accessed July 30, 2025

⁷ Office of Disease Prevention and Health Promotion. “Vaccination.” *Healthy People 2020*, U.S. Department of Health and Human Services, archived 15 Apr. 2022, <https://wayback.archive-it.org/5774/20220415061028/https://www.healthypeople.gov/2020/data-search/Search-the-Data?nid=4706>. Accessed July 30, 2025

⁸ Kumar, Simran, Zayna Shah, and Sara Garfield. "Causes of Vaccine Hesitancy in Adults for the Influenza and COVID-19 Vaccines: A Systematic Literature Review." *Vaccines*, vol. 10, no. 9, 2022, article 1518. MDPI, <https://doi.org/10.3390/vaccines10091518>. Accessed July 30, 2025

⁹ Asturias EJ, Brewer NT, Brooks O, et al. Advisory Committee on Immunization Practices at a Crossroads. *JAMA*. Published online June 16, 2025. <https://doi.org/10.1001/jama.2025.10776>. Accessed July 30, 2025

The Projects

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

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.

2025-2026 Grant Project Timeline

September 11, 2025	Grant announcement made/Application period begins
November 13, 2025	Applications due to Grant Administrator (send completed application to rades@purdue.edu)
November 13 – November 25, 2025	Application review period
November 26, 2025	Awardees formally announced via email communication and posting on NABP District IV website
January 1, 2026	Project/Activity period begins
January 15, 2026	Initial funding forwarded to awardee
April 30, 2026	Mid-project report due

May 15, 2026	Additional funding forwarded to awardee
August 15, 2026	Project/Activity period ends
August 31, 2026	Final project report due and financial report due from awardees
September 2026	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 (10%)	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 (15%)	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)

2025-2026 District IV Future Pharmacists Award Application

Application Deadline: November 13, 2025

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, 2026 and is completed by August 31, 2026.
<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, 2026 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, 2026. 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 _____

