



IMPACTReport

The Annual Report of the American Pharmacists Association Foundation

2020

Improving health by
inspiring philanthropy,
research and innovation.

ABOUT APhA FOUNDATION

MISSION

The mission of the APhA Foundation is to improve health by inspiring philanthropy, research, and innovation that advances pharmacists' patient care services. The APhA Foundation looks to create a new medication use system where patients, pharmacists, physicians and other health care professionals collaborate to dramatically improve the cost-effectiveness and quality of patient health outcomes.

VISION

The APhA Foundation is nationally recognized as a leader in transforming the health care system.

VALUES

The APhA Foundation values patients' central role in all its endeavors. Furthermore, the Foundation recognizes and respects the critical role that pharmacists have in collaboration with other health care providers.

Our Leadership

APhA Foundation Board of Directors 2020-2021



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Goodrich Pharmacy
Ramsey, MN



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Senior Vice President of Research and Innovation



Jonathan Little, PharmD
Executive Fellow



Mary McMahon, CFRE
Director of Development



Shannon Mendoza
Project Evaluator, (CDC DP17-1705 Program Evaluator)



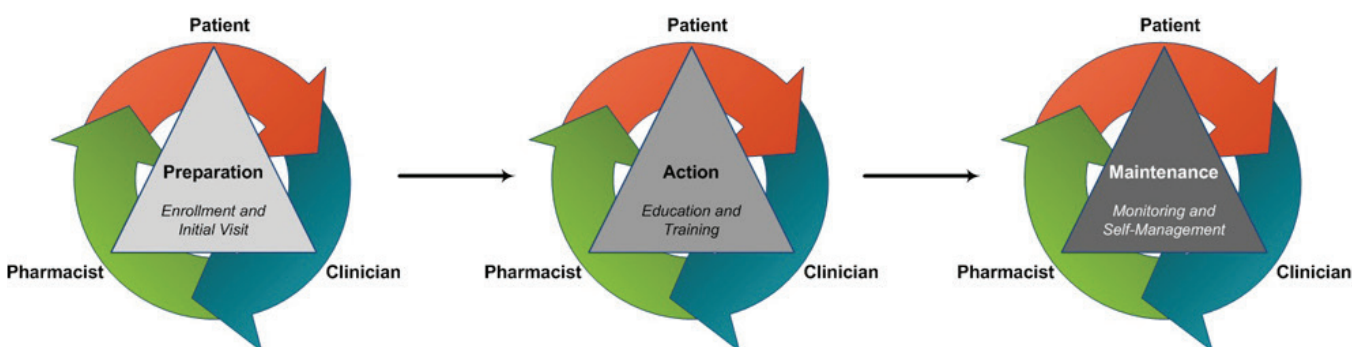
Brian Wall, PharmD
Director, Governance & APhA Foundation Administration



Barry Bunting, BPharm, PharmD
Project Management Specialist (CDC DP17-1795 Program Manager)

MISSION MOMENT

YOU fund APhA Foundation research that gathers the compelling evidence for improved patient care outcomes when pharmacists are part of a multi-disciplinary healthcare team.



In June, APhA and the APhA Foundation joined the National Forum for Heart Disease and Stroke Prevention – along with 20 other organizations representing patients, providers, public health, payers, and purchasers – in issuing a [Joint Policy Statement](#) including recommendations that will expand access to care options for patients nationwide especially those in underserved or otherwise vulnerable populations.

The proposed policy recommendations align with the APhA Foundation’s sustained efforts, like its Project IMPACT initiatives, to demonstrate how pharmacists and other healthcare providers can work collaboratively to facilitate patient access and improve both health outcomes and cost-effective care.

“The evidence shows that pharmacists are key providers in team-based care and improve both health outcomes and cost-effectiveness.”

— Joint Policy Statement Recommendation, June 2020

The APhA Foundation’s First Demonstration Project Project IMPACT (Improve Persistence And Compliance with Therapy): Hyperlipidemia

YOUR support 25 years ago resulted in a landmark study that showed the value of an innovative point-of-care technology combined with a process of care that includes collaboration among patients, pharmacists, physicians and other healthcare providers. Results included 93.6% medication persistence at 24 months and 2.5 times the number of high-risk participants who achieved and maintained their lipid goals compared with those in a concurrent trial that did not use the same team-based care process.

From Your Leadership



Steve Simenson

Dear APhA Foundation Contributors:

We greatly appreciate your continued support in an upside-down, roller-coaster-ride year filled with unforeseen challenges. The COVID-19 pandemic has been both a challenge and an opportunity to show that pharmacists are essential providers on the health care team.

This year, the APhA Foundation steadfastly continues to carry out our mission. In doing so, we know that our success is built on the generosity of our contributors, volunteers, corporate sponsors, partners, and APhA Foundation Board Members and staff, which for the past 10 years included Thomas E. Menighan, who retired as APhA executive vice president and CEO in June of 2020.

In recognition of Menighan's service, the APhA Board of Trustees provided funding to establish the Tom Menighan Fund for APhA's Academy of Pharmacy Practice and Management (APhA-APPM) Pharmacy Management Excellence Award. The APhA Foundation further recognized Menighan's leadership and service by engraving a paver in his honor on the eastern terrace of APhA Headquarters in Washington, DC.

Supporting innovation and development of future practitioners continues to be an important activity of the Foundation. Consider the impact your support has on the career of pharmacists as students, residents, new practitioners, and experienced pharmacists. This year, 30 pharmacists were awarded incentive grants, and 19 student pharmacists were selected to receive scholarships.

Presenting the Pinnacle Awards, Jacob W. Miller Award, and Bowl of Hygeia Awards virtually enabled us to honor and celebrate trailblazing individuals and groups that are transforming the pharmacy profession.

In 2021, we continue our commitment to demonstrate how pharmacists have an essential role in improving the quality of patient care outcomes and to provide you with information in support of your advocacy role. As I write this, we are planning to recognize and memorialize "COVID-19 Heroes" and to recognize the contributions of pharmacists and pharmacy team members during the pandemic.

In 2021, we also plan to:

- Enhance contributor engagement opportunities within Foundation activities and facilitate meaningful dialogue for pharmacists from diverse perspectives.
- Focus on programs and activities that support strategic priorities—practice transformation, optimization of pharmacists' role and ability to practice in a safe environment, and Impact Public Health.

Financial stability and growth are the cornerstones needed to support the Foundation's ability to achieve our mission and the health of the communities you serve. Serving as a forum for discussions and dialogue, the APhA Foundation provides opportunities for learning and growth, such as the Women in Pharmacy Initiative.

Thank you for your generous donations and support of the APhA Foundation. We appreciate your recognition of the Foundation's commitment to research, innovation, and advancement of pharmacist-delivered patient care services. Opportunities lie before us, and the Foundation is committed to be by your side as we deal with the current pandemic and beyond.

Thank you,
Steve Simenson, RPh, BPharm
President

GET INVOLVED

At the APhA Foundation, improving medication use and health outcomes through pharmacist engagement are at the center of all that we do. We welcome you to join us as we work to advance patient care roles of the pharmacy profession. Whether gaining real world experience as an intern or providing valuable input for pharmacy-demonstration projects, your participation makes a difference in helping to amplify and demonstrate how pharmacists can improve health outcomes. You are the lifeblood and we need your active engagement. Contact the APhA Foundation staff or a Board member to discuss ways to participate.

APhA Foundation Board of Directors

Individuals serving on the APhA Foundation Board of Directors are committed to the Foundation's mission to improve the health of communities and advance the pharmacy profession. Individuals are appointed to the Board by the APhA Board of Trustees based on recommendations by the APhA Foundation's Board of Directors. Individuals interested in being considered for a Board or Committee position should contact the APhA Foundation President or Executive Director.

Student Interns

In 2020, the Foundation was supported by three student pharmacists who completed an advanced pharmacy practice experience in association management in collaboration with APhA: **Maxwell DeNora** from the West Virginia University School of Pharmacy, **Emily Wright** from The University of Mississippi School of Pharmacy, and **Olivia Welter** from Drake University College of Pharmacy and Health Sciences. Each student pharmacist supported communication projects highlighting Foundation research, in addition to day-to-day engagement with staff during their respective rotations.

Reviewers

Foundation contributors can engage with the Foundation through participation in selection or review processes for awards, APhA Foundation Incentive Grants, scholarship recipients, or with Foundation task forces. **Contact APhA Foundation staff at info@aphafoundation.org for more details.**

THANK YOU

A generous thank you to all who gave their time and expertise to the APhA Foundation this year. We appreciate your ideas and enthusiastic participation in helping to make our programs a success.

Delivering Value Through Research and Innovation

The work of the APhA Foundation supports the patients we serve, the profession we are part of, and the strategic priorities of Team APhA.

Through our research and innovation efforts, recognized nationally and globally, the APhA Foundation imagines what is possible, then designs, implements, evaluates, publishes, and communicates about innovative patient-centered, team-based care models that include pharmacists to improve health and patient care services and health outcomes.

Increasing access to pharmacist services makes a difference

Healthier communities, healthier individuals

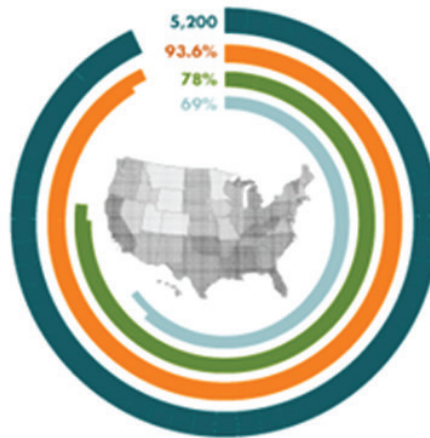
APhA Foundation provides the evidence to support pharmacists' expanding roles and achieving provider status

5,200

PATIENTS CARED FOR
across all projects

78%

Included in research outcomes



93.6%
BECAME HEALTHIER
through our work

69%
Met treatment goals

Pharmacists can improve patient's overall health



Project ImPACT: Immunizations: 41.4% increase in the number of vaccines administered when pharmacists have access to a patient's vaccine history and can identify unmet vaccination needs.¹



Project ImPACT: Depression: 80% of patients exhibited a decrease in severity of depression after pharmacist-provided intervention.²

86%
of United States
healthcare dollars are spent on
**CHRONIC DISEASE
MANAGEMENT**

IN 2020, active research and innovation programs included key work in diabetes prevention, cardiovascular health, and contributions to individual and population health.

Blood Pressure First (BP First) is a collaboration between the CDC Foundation and the APhA Foundation on an innovative care model implemented by employers seeking to control hypertension in their workforce. BP First offers the employer's health care beneficiaries the opportunity to engage in pharmacist-delivered blood pressure management programs provided onsite or in their local community pharmacy through the team-based care process. Stay tuned for results of this exciting initiative in 2021.

Through a multiyear collaboration with the American Medical Association (AMA), the APhA Foundation has helped to envision and support the creation of a new **Validated BP Device Listing** of blood pressure measurement devices that have been validated for clinical accuracy through an independent review process. This important work and interprofessional collaboration have resulted in the availability of a universal resource that helps both patients and health care professionals make informed decisions about measurement devices that consistently produce precise and accurate BP results. Check it out [here](#).

Project IMPACT: Diabetes Prevention is an opportunity to change the landscape of how the National

Diabetes Prevention Program (DPP) is delivered in communities across the country. Through a cooperative agreement with **CDC** in partnership with **Kroger** and **SinfoníaRx (TRHC)**, this 5-year national program provides a unique multimodal DPP delivery model using teams of lifestyle coaches to meet participants where they are and support their success. This initiative is setting the stage for how pharmacists and pharmacy practice settings can and will be a compelling solution for preventing diabetes in the future.

The APhA Foundation is collaborating with pharmacists and community partners across the U.S to improve diabetes outcomes.
Increasing access to pharmacists' services makes a difference

Project IMPACT: Diabetes
Evidence-based study identifying the impact of pharmacists in underserved communities

Improving America's Communities Together

126 PHARMACISTS		108 PHYSICIANS & SPECIALISTS
37 NURSE PRACTITIONERS		22 DIETITIANS
17 SOCIAL WORKERS & BEHAVIOR THERAPISTS		107 OTHER HCPs

1,836
DIABETES PATIENTS

A1C
0.8%
LOWER BLOOD SUGAR

Clinically significant diabetes outcomes:

- 0.8% decrease in average long-term blood sugar (A1c) levels

Statistically significant dialogue-related outcomes:

- 71 mg/dL decrease LDL cholesterol
- 23.7 mg/dL decrease in triglycerides
- 8.8 mg/dL decrease in total cholesterol

SUPPORT US TODAY!
www.aphafoundation.org/donate

Hear the stories: <https://www.aphafoundation.org/project-impact-diabetes/communities>

APHA FOUNDATION

The APhA Foundation, the charitable arm of APhA, is a 501 c3 organization. EIN: 52-6039142

APhA Foundation research delivers the evidence that supports designating pharmacists as healthcare providers. www.aphafoundation.org/donate

Solutions for Atrial Fibrillation Advocacy (SAFE) a new APhA demonstration project launched in late 2020, integrates AFib screening, detection, and referral services as a routine component of care in community-based pharmacies.

New **IMPACT Tools for Innovative Practice Sustainability (TIPS)** are being developed to support effective engagement in the new patient care service. These tools

will be designed to support practices in **IMProving America's Communities Together**.

Our work in **Project IMPACT: Immunizations** continues to evolve and helps to address gaps in vaccination coverage that pose a significant risk to public health. The importance of this work was amplified when pharmacists garnered increased recognition during the COVID-19 response. This year important work was also underway on another new initiative, **RxTest.Solutions**, which will include the 2021 launch of the **IMPACT Care Transformation Network**. Our **IMPACT Care Transformation Institute** resources continued to provide a combination of online CPE modules, webinars, and active learning activities.

The APhA Foundation secures a seat at the table where national dialogues about public health and medication use safety occur.

We give an enhanced voice to pharmacy.

Here are highlights from our 2020 engagements and initiatives, made possible by project sponsors and our donors:

- Foundation's participation in the National Forum for Heart Disease and Stroke Prevention (*National Forum*) Value and Access Steering Committee (VASC) virtual meeting to achieve consensus about new initiative priorities for 2020-21
- Presentations and interprofessional education about options for enhancing the role of pharmacists in patient-centered, team-based care work of the National Forum Value and Access Steering Committee
- Meetings, presentations and collaboration with the National Forum to support position statements on the valuable role of pharmacists in team-based care with universal agreement from the Value and Access Steering Committee to include four Federal and two State objectives
- Workgroup meetings with National Forum staff to refine mutually agreed upon positions for Value and Access Steering Committee to utilize in Federal and State advocacy for the role of the pharmacist
- Collaborative meetings with National Forum staff, APhA, NACDS, PQA, and Value and Access Steering Committee to finalize advocacy consensus for COVID-19/patient-centered, team-based care services/payment that includes pharmacists

We sincerely appreciate the support of each of our research and innovation 2020 sponsors:

- *Bristol-Myers Squibb-Pfizer Alliance*
- *Centers for Disease Control and Prevention (CDC)*
- *Centers for Disease Control and Prevention (CDC) Foundation*
- *Community Pharmacy Foundation (CPF)*
- *Merck & Co.*
- *Novo Nordisk*
- *Sanofi*
- *VaxServe*

FACILITATING PHARMACY INNOVATION

Pharmacy innovation begins with an idea. With the generous support of the **Community Pharmacy Foundation**, the Daniel A. Herbert Incentive Grant Endowment, and proceeds from the APhA Foundation Annual Fund, the [APhA Foundation Incentive Grants for Practitioner Innovation in Pharmaceutical Care](#) provides seed funds to pharmacists and student pharmacists to support pioneering projects and concepts that advance patient care services.

This year, the APhA Foundation presented 30 deserving recipients with Incentive Grants. Established in 1994, the APhA Foundation Incentive Grants for Practitioner Innovation in Pharmaceutical Care is the Foundation’s longest-running program. To date, the Foundation had provided support for more than 650 Incentive Grants.

The 2020 Incentive Grant recipients have chosen to address some of today’s most pressing health issues, from mental health to unmet vaccination needs.

INCENTIVE GRANTS PROGRAM

Thanks to you and other donors, The APhA Foundation awards seed money each year that fosters innovative approaches to pharmacist patient care services.

Incentive Grant projects are addressing some of our nation’s most pressing health issues. Below is a sample of their findings from 2020.

PHARMACOGENETICS

Pharmacists who participated in a continuing education course on pharmacogenetics rated themselves significantly more confident in their abilities to interpret pharmacogenetic data, meaning they are better able to advise patients.



CANNABIDIOL (CBD)

Over 75% of pharmacists surveyed agreed that recommending CBD is the job of a pharmacist, but only 37% agreed they were confident counseling on CBD. In another survey, 89% of pharmacists reported managing therapeutic interactions with CBD, showing its relevance to pharmacists today.

MEDICATION ADHERENCE

Regarding missed doses of their inhalers in the past week, 7 (15.9%) patients answered 0 missed doses at the initial visit. After pharmacist intervention focusing on adherence, 27 (61.4%) patients answered 0 missed doses at the 60-day follow-up, a 45.5% increase in inhaler adherence.



NALOXONE

After creating a novel opioid workflow including pharmacists prescribing naloxone, at-home access to naloxone for chronic opioid patients went from 3% in January 2019 to 18% in December 2019, an absolute change of 15%.

DIABETES

Pharmacist-led screenings for diabetes and encouragement to make an appointment with a health care provider resulted in greater patient weight loss (~16 lb in 1 month) and increase in physical activity compared to those who did not make an appointment with a health care provider.



2020 Incentive Grant Recipients



Kathryn Anderson, PharmD

*Medicine Mart of West Columbia
West Columbia, SC*

Project Title: Impact of Pharmacist Provision of Naloxone at an Independent Community Pharmacy Operating Under State Naloxone Protocol

Incentive Grant Project Result

Kathryn's goal was to determine if a universal offer to provide naloxone to all patients dispensed an opioid, accompanied by patient counseling, increases naloxone possession rates among patients of an independent community pharmacy. Her secondary objective was to identify factors associated with increased risk of opioid-related overdose that may be common among patients dispensed naloxone at an independent community pharmacy.

Implementation of a naloxone dispensing service at an independent community pharmacy provides an access point within the community to the potentially lifesaving medication. Following implementation of the naloxone dispensing service, 10 patients have received naloxone from the community pharmacy. Fifty percent of these patients received naloxone under the authority of the state's joint protocol for naloxone without a prescription (two additional patients have been dispensed naloxone following the end of the official study period).

The pharmacy is currently a participant in the Flip the Pharmacy practice change initiative. The change packages for the second progression of the initiative focus on the safe use of opioid analgesics. This will address the scalability of the naloxone service, providing additional staff training and standardization of pain medication reviews.



Kristen Bessler, PharmD

HealthLinc, Mishawaka, IN

Project Title: Indiana Pharmacists' Perceptions of Diabetes Self-Management Education and Support (DSMES) Diabetes Prevention Program (DPP), or Medication Therapy Management (MTM) Services: A Statewide Study

Incentive Grant Project Result

Kristen's objectives were to determine Indiana pharmacists' interest in starting, expanding, or maintaining DSMES, DPP, and MTM programs and to identify the barriers to developing these programs.

Indiana pharmacists expressed a strong interest in maintaining their current DSMES, DPP, and MTM programs. Lack of interest in developing these programs among some Indiana pharmacists is likely due to perceived barriers (lack of time and payment).

The survey provided specific Indiana pharmacist perceptions of barriers to maintaining, expanding, and developing DSMES, DPP, and MTM services and identified pharmacist interest in these services. The study findings offer important data about barriers that must be overcome to increase these programs across Indiana.



Lauren Branson, PharmD

*Walgreens/UNC Eshelman School of Pharmacy Program
Chapel Hill, NC*

Project Title: Impact of a Community-Based, Pharmacist-Driven Health Coaching Program on Clinical Outcomes and Health-Related Quality of Life

Incentive Grant Project Result

Lauren's research aimed to integrate an innovative health coaching program into the workflow of a chain pharmacy. Her second goal was to evaluate the change in outcomes from the program, including clinical parameters, patient health-related quality of life, and patient perceptions and satisfaction with the service.

Data collected through an anonymous survey indicated that perceptions of pharmacist capabilities changed as a result of this pilot program. Patients saw improved clinical outcomes from pharmacist-led health coaching services and also saw that pharmacists are capable of serving as effective health coaches. This could pave a path for greater recognition and utilization of pharmacists to close the gap in health care. By utilizing pharmacists, who are already centrally located in chain and retail pharmacies, to act as health coaches, patient care can be provided using a whole-person methodology instead of the segmented care currently demonstrated in the American health care system.

The study demonstrated that patients are more likely to reach individualized health goals and see improved health outcomes with the aid of a community-based pharmacist implementing the COACH program. All patients enrolled in the pilot program demonstrated an interest in and willingness to participate when the COACH program resumed in August 2020. Further data are required to prove direct impact of outcome in metrics with the COACH program.



Caitlin Brown, PharmD

*Shaver Pharmacy and Compounding Center and Idaho State University
Pocatello, ID*

Project Title: Impact of opioid workflow on patient access to naloxone and morphine milliequivalents (MME) prescribing trends



Nicole Dunn, PharmD

*Realo Discount Drugs
New Bern, NC*

Project Title: An Evaluation of Medication Therapy Management with Blister Packaging on Optimization of Care for Patients with Hyperlipidemia and Hypertension

Julia Dickman, PharmD

*The Ohio State University
College of Pharmacy and Optum Hospice Pharmacy Services
Westerville, OH*

Project Title: Evaluation of Palatability of Crushed Over-the-Counter Medication



Ronni Ehlers, PharmD

The Charitable Pharmacy of Central Ohio Columbus, OH

Project Title: Insulin Access in an Urban Underserved Population: A Crucible Demonstrating a National Crisis



Andrea Do, PharmD

*Smith's Food and Drug
West Jordan, UT*

Project Title: A Simple Phone Call: Community Pharmacist Led Intervention at a Large Community Pharmacy Chain to Promote Antidepressant Adherence



Sarah Huster, PharmD

*Kroger Pharmacy
Springdale, OH*

Project Title: Implementation and Evaluation of a Certified Technician Training Program for Advanced Technician Services in a Large Community Pharmacy Chain



Lesley Johnson, PharmD

*University of Kansas & Balls
Food Stores located at Hen
House Pharmacy
Olathe, KS*

**Project Title: Patient
Knowledge and Perceptions
of Opioid Drugs and
Naloxone in the Community
Setting**



Dru Lezina, PharmD

*University of Southern
California/Keck Medicine of
USC Specialty Pharmacy
Los Angeles, CA*

**Project Title: The Effect of a
Slow Titration of Dimethyl
Fumarate on Patient
Adherence and Tolerability**

Kailen Kelly, PharmD

*Mathes Pharmacy and
Diabetes Center
New Albany, IN*

**Project Title: Health Literacy
and its Effects on Lowering
A1C in Prediabetes and Type
2 Diabetes Mellitus**



Molly Nichols, PharmD

*Walgreens/Purdue
University Program
Indianapolis, IN*

**Project Title: Community
Pharmacist Preceptors
and Their Knowledge,
Experience, and Perceived
Intent to Recommend
Cannabidiol Products for
Patient Use**



Alison Kingsbury, PharmD

*GuidePoint Pharmacy
Brainerd, MN*

**Project Title: Sustainability
and Benefits of Independent
Community Pharmacy
Long-Acting Injectable
Antipsychotic Medication
Services**

Incentive Grant Project Result

Molly explored pharmacist preceptors' knowledge and experience with CBD products and their perceived intent to recommend these products for patient use. Her secondary study objective was to identify desired resources on CBD products for pharmacists.

She found that the majority of community pharmacist preceptors in this cohort reported having clinical CBD interactions. Despite roughly half of the preceptors surveyed reporting the sale of CBD products in their pharmacies, most respondents did not feel they had reliable CBD resources available in their pharmacies and were not comfortable counseling on CBD products.

To the best of the research team's knowledge, this study is the first to explore community pharmacist preceptors' knowledge, experience, and perceptions of CBD. These findings contribute uniquely to the existing but limited literature on pharmacists and their perceptions of medical cannabis by providing a valuable baseline for what community pharmacists across the United States know and think about CBD as well as what their professional experiences with CBD have looked like thus far. The study results can be used to develop targeted educational materials and shared resources that fill the gaps in pharmacist knowledge and confidence identified by survey results, leading to enhanced provision of care to patients wishing to add CBD products to their medication regimens.

Kyle Lee, PharmD

*University of Southern
California (USC) Pharmacies
and Affiliated Clinics
Los Angeles, CA*

**Project Title: Analysis of
Community Pharmacist's
Knowledge, Attitudes,
Beliefs, and Practices About
Cannabidiol (CBD) Products**





Awura Ama Oduro, PharmD

*Kroger Pharmacy and
The Ohio State University
Delaware, OH*

**Project Title: Evaluating
the Impact of Mental
Health Check-In Services
by Community-Based
Pharmacists on Medication
Adherence in Patients with
Depression**



Lauren Pohl, PharmD

*Campus Health Pharmacy
and UNC Eshelman School
of Pharmacy
Chapel Hill, NC*

**Project Title:
Implementation of
a Community-based
Pharmacist-run Attention
Deficit Hyperactivity
Disorder Clinic in a College
Health Center**

Elizabeth Paolucci, PharmD

*Walgreens/MCPHS University
Chelsea, MA*

**Project Title: The role of
community pharmacists
improving inhaler adherence
post education and vaccine
recommendations in asthma
and COPD patients**



Jallena Roberts, PharmD

*Atlantis Pharmacy
Atlantis, FL*

**Project Title: Evaluation of
Patient Perceptions of a
Standardized Curriculum
for Opioid and Naloxone
Counseling**



Samuel Pierini, PharmD

*Safeway Pharmacy and
Oregon State University
Portland, OR*

**Project Title: Impact of a
Community Pharmacy-
Based Initiative to
Increase Patients Ability
to Recognize Heart Failure
Symptoms and Improve
Self-Management**



**Lainey (Alexandra) Ruby,
PharmD**

*The University of Kansas and
Balls Food Stores
Overland Park, KS*

**Project Title: Community
Pharmacy Staff Knowledge
and Accessibility of Mental
Health Resources**



Jacob Saling, PharmD

*Kroger Co.
Nashville, TN*

Project Title: Scaling Technician Product Verification (TPV): Developing an Implementation Strategy for a Nationwide Grocery Chain Pharmacy



Amanda Shaver, PharmD

*Duquesne University Center for Pharmacy Care
Pittsburgh, PA*

Project Title: The Impact of a Pharmacist Led Prediabetes Outreach Program in the Community

Andrew San Juan, PharmD

*Kroger Pharmacy
Little Rock, AR*

Project Title: Primary Care Diabetes Program Incorporates Community Pharmacists to Improve Patient Outcomes



Disha Soni, PharmD

*Acme Pharmacy
Media, PA*

Project Title: Evaluating pharmacist perception of administering long-acting injectable antiretroviral treatments in the community pharmacy setting



Negin Sazgar, PharmD

*University of Southern California (USC) Pharmacies and Affiliated Clinics
Los Angeles, CA*

Project Title: PGX LEARN—Pharmacogenetic Learning And Educational environments for community pharmacists to be Ready for the Next generation



Emily Sotelo, PharmD

*Realo Discount Drugs
Jacksonville, NC*

Project Title: Analysis of Provider-generated Revenue and Impact on Medication Reconciliation from a Pharmacist-led Chronic Care Management Service

Daniel A. Herbert Incentive Grant

The Daniel A. Herbert Incentive Grant is distributed under the Incentive Grant for Practitioner Innovation in Pharmaceutical Care awards program. Established by former APhA President Daniel A. Herbert (1943-2004), the grant is awarded annually to a community pharmacy resident or recent pharmacy graduate who is working to expand pharmacy services for which pharmacists are compensated.



Brady Hecht, PharmD

Realo Specialty Care Pharmacy, Morrisville, NC

Project Title: **Analysis of Prior Authorization Success and Timeliness at a Community-Based Specialty Care Pharmacy.**

2020 Practitioner Innovation in Immunization Practices Incentive Grant Recipients

The Immunization Incentive Grants are underwritten through the APhA Foundation Immunization Fund. These grants allow practitioners and student pharmacists to explore innovations specifically designed to improve immunization-related practices and engagement within immunization neighborhoods.



Brenna Neumann, PharmD, RPh

Collier Drug Stores, Inc. Fayetteville, AR

Project Title: **Advancing Pharmacy Technician Roles to Increase Pneumococcal Polysaccharide Vaccination Rates in a Community Pharmacy Setting**



Joy Snyder, PharmD

St. John Fisher College Wegmans School of Pharmacy and Wegmans Pharmacy Rochester, NY

Project Title: **Pneumococcal Vaccination for the Homeless and Underserved in Rochester, NY**

Investing in the Future of Pharmacy

The APhA Foundation Student Scholarship Program

APhA Foundation donors invest in the future of pharmacy by funding scholarships for the next generation of leaders. The APhA Foundation Student Scholarship Program continues to provide meaningful scholarship money to student pharmacists across the country. Year after year, the impact that these scholarships have on students is significant. Students have told us that this money helps them reduce the need for loans, afford attendance at pharmacy conferences, and participate in other educational opportunities that they otherwise could not afford.

In 2020, the APhA Foundation awarded scholarships to 20 deserving student pharmacists to encourage and support them on their journey to a rewarding pharmacy career. Two new fully endowed scholarships were introduced: the Tery L. Baskin Scholarship Endowment and the Dr. Natalie M. Certo Scholarship Fund.



Tery L. Baskin Scholarship Endowment

The APhA Foundation Board of Directors established the **Tery L. Baskin Scholarship** to honor his extraordinary service to the APhA Foundation, APhA, and American pharmacy. Tery lost his battle with cancer in March 2019. Thanks to many generous donors, funds were raised to endow this scholarship in his name. Each year one outstanding student pharmacist will be selected to receive a \$1,000 scholarship. The inaugural Tery L. Baskin Scholarship will be awarded in spring 2021.



Dr. Natalie M. Certo Scholarship Fund

The **Dr. Natalie M. Certo Scholarship Fund** was established in memoriam, by her sister and fellow pharmacist, Josephine Certo. Natalie dedicated her life to pharmacy. She worked in community pharmacies, taught at the University of Pittsburgh School of Pharmacy, and was the director of the Children's Hospital of Pittsburgh Pharmacy Service. An APhA member since 1957, Natalie served in various capacities and considered her service as APhA Board of Trustee (1981-84) the biggest honor of her career. The Certo scholarship will be awarded each year to an APhA student member who demonstrates a record of engagement and academic achievement. Applications will be accepted in Fall 2021, for a \$1,000 scholarship to be awarded beginning in 2022.

2020 Scholarship Recipients



Jaspreet Bhullar

*Long Island University The
Arnold & Marie Schwartz
College of Pharmacy and Health
Sciences*

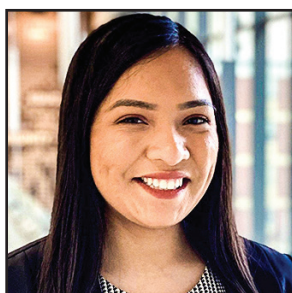
**Charles C. Thomas
Scholarship**



Whitney Dovel

*Southwestern Oklahoma
State University College of
Pharmacy*

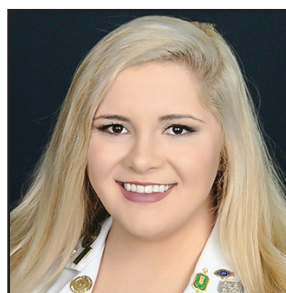
**George F. Archambault
Scholarship**



Guadalupe Chavez

*The University of Iowa College
of Pharmacy*

**Juan and Esperanza Luna
Scholarship**



Heather Hembree

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**Pharmacists Mutual
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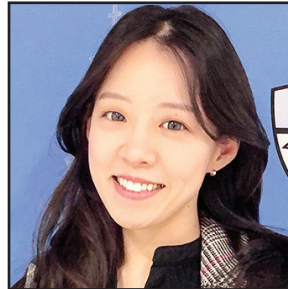
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*The 2020 FIP World Congress was
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Cultivating Pharmacy Leadership

The APhA Foundation Knowlton Center Executive Fellow in Association Management and Leadership

The Association Management program was created with a generous grant by The **Calvin and Orsula Knowlton Foundation** through the APhA Foundation Knowlton Center for Pharmacist-Based Health Solutions.

Previously known as an Executive Residency, the program is now recognized as an Executive Fellowship in Association Management which more closely aligns with the training offered and experiences gained throughout the year.

The 2020-2021 **APhA Foundation Knowlton Center Executive Fellow in Association Management and Leadership is Jonathan Little, PharmD** who is not only the first to serve under the new title, but also holds the unique distinction of serving in the position in an entirely remote capacity due to the pandemic.



Jonathan Little, PharmD

Being a part of the APhA Foundation team this year has been a true honor for me. As the Executive Fellow, I have a lot of responsibilities with managing APhA Foundation programs that highlight leaders within the profession at various stages in their careers. Through the Student Scholarship Program, Incentive Grants, and Pinnacle Awards, I have been able to interact with students, new practitioners, and highly-experienced leaders in pharmacy. As the Foundation continues to promote pharmacists' roles in patient care, I've seen firsthand the importance of our philanthropy efforts, research and innovation, and profession-wide leadership. I have been able to personally contribute to the information, resources and advocacy efforts of APhA to support pharmacists' response to the COVID-19 pandemic – what a great learning and professional contribution experience. With the last few months remaining in my Fellowship, I plan to continue to serve pharmacists as I learn alongside the amazing staff at APhA and the APhA Foundation. I consider myself very fortunate for this year!

Dennis and Patricia Worthen APhA-ASP Presidential Award

The Dennis and Patricia Worthen APhA-ASP Presidential Award was established in 2003. This award recognizes the tremendous leadership provided to student pharmacists by the APhA-ASP President during his or her term in office. Furthermore, the award recognizes the significant personal and professional commitment by the APhA-ASP President and President-elect to advance the profession of pharmacy. The individual is awarded a \$1,000 stipend along with a mounted eagle statue. The APhA-ASP Presidential Award also recognizes the President-elect with a \$500 stipend.



Sydney Tu
2020-2021
APhA-ASP
President
*St. Louis College of
Pharmacy*



Juan Rodriguez
2020-2021
APhA-ASP
President-Elect
*University of Tennessee
College of Pharmacy*

Carl F. Emswiler Internship in Association Management

The Carl F. Emswiler Internship in Association Management) was established in 2010 with a fund initiated by Jewell Emswiler to honor her husband, Carl, and his innumerable contributions to pharmacy.

Student pharmacists who are selected to participate in the internship learn about the many aspects of pharmacy practice and professional organizations, and their activities will have a special emphasis on collaborative practice, which was an integral part of Emswiler's career.



Brooke E. Kulusich
2020 Recipient
*University of Pittsburgh
School of Pharmacy*

Awarding Innovation in the Medical Use Process

PINNACLE AWARDS

Now in its 23rd year, the APhA Foundation Pinnacle Awards Program and Innovations in Pharmacy Practice Lecture were held virtually on September 25, 2020. A cyber audience of more than 150 celebrated the significant contributions to the medication use process: increasing patient adherence, reducing adverse drug events, promoting the use of national treatment guidelines, improving patient outcomes, and enhancing communication among the members of the health care team.

Support for the Pinnacle Awards Program is provided by an educational grant from Merck and APhA Foundation donors.

Pinnacle Award recipients in three categories each receive a crystal eagle statue to signify their accomplishments.

CATEGORY I:

2020 Individual Award for Career Achievement



David Nau RPh, PhD, FAPhA

*Professor of social and Administrative sciences,
Ohio Northern University Raabe College of Pharmacy*

I am very honored to be selected for the APhA Foundation Pinnacle Award. The list of past recipients includes many giants in the field of healthcare quality and it is humbling to be listed alongside them. I am grateful to have been able to work with great thought leaders and passionate collaborators in our pursuit of a high-quality healthcare system.

CATEGORY II:

2020 Group Practice–Health System–Corporation Award



OhioHealth

We are honored to have received the prestigious Pinnacle Award this year! The external recognition of our team's success in improving healthcare outcomes for our valued patients and associates at OhioHealth is humbling and meaningful. Our team is passionate about improving the health of populations...we hope to inspire other pharmacy teams to innovate and push for excellence for our patients!

CATEGORY III:

2020 Government Agency–Nonprofit Organization–Association Award



Ohio Northern University (ONU) HealthWise

We are honored to receive the 2020 Pinnacle Award. We take great pride in the innovative interdisciplinary care models we have developed through ONU HealthWise. While each of our integrated services is unique they share a common goal: improving access to quality healthcare. On behalf of the ONU HealthWise team, thank you for your recognition of our efforts to improve the medication use process and to advance the profession of pharmacy, and thank you to APhA for offering the Pinnacle Awards to showcase innovation and achievement within our profession.

Following the awards presentation,
Amy Beatty, PharmD, MBA, BCPS

Senior Director of Pharmacy Services, Population Health
 delivered the Pinnacle Awards Innovations in Pharmacy Practice Lecture,
[Pharmacy: The Perpetual Health Care Innovator](#), followed by a lively Q & A.



The full ceremony and lecture, can be viewed at <http://apha.us/Pinnacles>.

Advancing the Mission

2020 JACOB W. MILLER AWARD

Established in 2000, the eponymous Jacob W. Miller Award commemorates the former APhA Foundation President. The award recognizes individuals who work to move the APhA Foundation's mission forward through active involvement in our programs, support of our initiatives, or leadership in carrying out our mission.

Our 2020 award recipients are **Calvin H. Knowlton, MDiv, PhD**, founder, CEO, and chair of Tabula Rasa HealthCare; and **Orsula V. Knowlton, PharmD, MBA, FAPhA, FCP**, co-founder, president, and chief marketing and business development officer of Tabula Rasa HealthCare.

In addition to initiating the more visible **APhA Foundation Knowlton Center Executive Fellow in Association Management and Leadership**, Cal and Orsula have also supported numerous APhA Foundation research projects.



Calvin H. Knowlton, MDiv, PhD



Orsula V. Knowlton, PharmD, MBA, FAPhA, FCP

The APhA Foundation is special to us for several reasons, including its focus on moving the profession of pharmacy forward. The Foundation has been the petri dish for so many professional endeavors that have advanced the practice of pharmacy.

We believe that it is a critical time for pharmacists to take a stand for their patients. That sounds hackneyed, but it is true. And the Foundation continues to be a vanguard and a bulwark of support providing us with outcome-focused, pharmacist-centric experiential studies and projects.

We continue to envision a time when pharmacists are the most important member of the healthcare team, and believe this will occur in the near term. We are seeing this already, through community pharmacists, using novel software to understand how to better serve patients, by enhancing medication safety and care.

—Drs. Orsula and Calvin Knowlton

Involving Communities

The Bowl of Hygeia is the most widely recognized international symbol for the pharmacy profession, and the Bowl of Hygeia Award recognizes pharmacists who possess outstanding records of civic leadership roles in their communities in all 50 states, Puerto Rico and the District of Columbia.

The APhA Foundation is pleased to partner with the National Alliance of State Pharmacy Associations (NASPA) to honor the 2020 [Bowl of Hygeia Award](#) recipients.

2020 Recipients of the Bowl of Hygeia Award



REMINGTON ENDOWMENT
 SHAPE THE FUTURE, HONOR THE PAST

REMINGTON INNOVATION FORUM

The Remington Endowment is a two-part initiative. The first component of the endowment supports the perpetual administration of the Remington Honor Medal. As the pharmacy profession's most prestigious award, it is given to those who have led transformational advancement in the profession.

We are grateful to all donors for their support to the Remington Endowment Campaign. We thank all who have helped us raise \$1,265,795 in cash and pledged their support to date.

Remington Benefactor (\$500,000-\$999,999)

American Pharmacists Association

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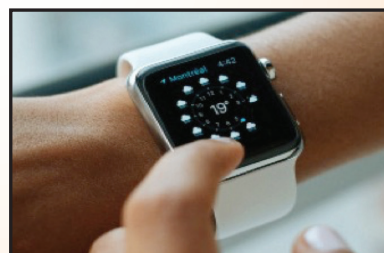
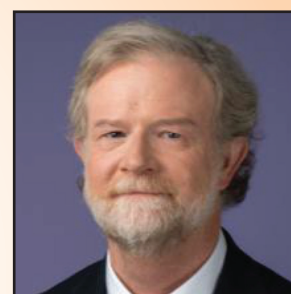
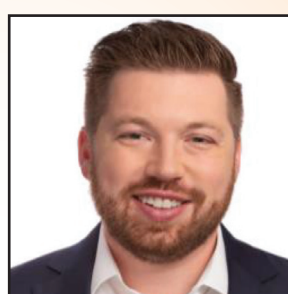
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The Remington Innovation Forum is the centerpiece and second component of the Remington Endowment. The Forum gathers pharmacy's greatest minds to mobilize pharmacists and key stakeholders to address our nation's greatest healthcare challenges and advance medication use safety. In 2020 the first Forum was launched.

USP joined Ernie Mario (Mario Family Foundation) and Joel Gemunder (Gemunder Family Foundation) as Remington Champion-level philanthropic contributors. This support accelerated the timeline for delivering the ***Inaugural Remington Innovation Forum: "Preparing Pharmacy for the 21st Century Medication and New Treatment Modalities: What Digital Health Can Mean for Pharmacy"***

Who could have known when the Remington Innovation Forum was planned how timely and significant our first topic would be in the era of COVID-19. Although this pandemic altered our plans to conduct the Forum in person during the 2020 APhA Annual Meeting, the APhA community was offered access to this thought-provoking online webinar that provided continuing education credits.

The **2020 Remington Innovation Forum** was a robust dialogue lead by (top left to right) Benjamin Bluml, RPh, APhA Foundation Senior Vice President for Research and Innovation with panelists Megan Coder, Executive Director, Digital Therapeutics Alliance; Yuri Maricich, Chief Medical Officer, Pear Therapeutics and Michael Ambrose, Director, Research & Innovation, USP.



1953 Society 2020 Contributors



1953 Society

At the core of pharmacy philanthropy.

We thank our 1953 Society members whose leadership contributions are instrumental to advancing pharmacy achievements, including galvanizing the support of national health care organizations in promoting pharmacists as a key member of the patient care team.

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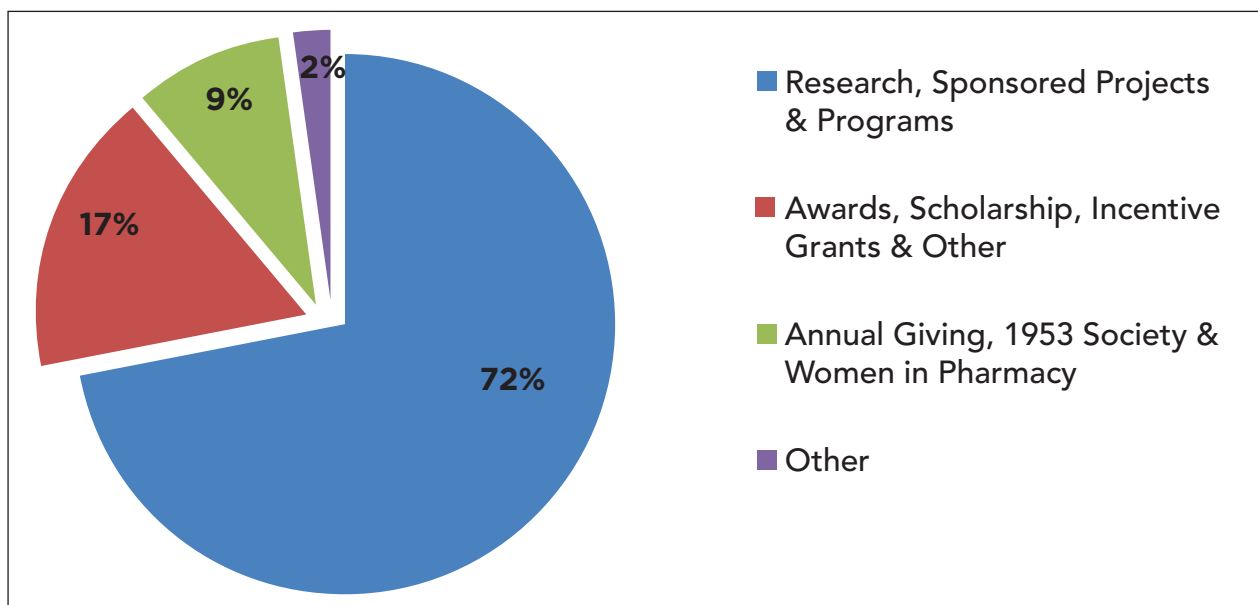
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Awards, Scholarship, Incentive Grants & Other	17%	343,867
Annual Giving, 1953 Society & Women in Pharmacy	9%	195,305
Other	2%	31,467
		<u>\$ 2,017,722</u>

STATEMENT OF FINANCIAL POSITION

	December 31,	
	2020	2019
Total Assets	<u>\$6,086,711</u>	<u>\$5,798,219</u>
Total Liabilities	349,030	350,188
Net Assets:		
Without Donor Restriction	464,427	737,794
With Donor Restriction	<u>5,273,254</u>	<u>4,710,237</u>
Total Liabilities & Net Assets	<u>\$6,086,711</u>	<u>\$5,798,219</u>

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