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Improving people's health through pharmacists' patient care services.

#### Vision:

The APhA Foundation is nationally recognized as a leader in conducting and/ or supporting research and demonstration projects. The APhA Foundation designs programs that create an improved medication use system in the United States where patients, pharmacists and prescribers collaborate to dramatically improve the cost and quality of consumer health outcomes through safe and effective use of medicines.

#### Values:

The patient's central role in all APhA Foundation projects is recognized and respected. Further, the APhA Foundation values the critical role pharmacists have in helping assure the best possible outcomes when using medicines.

### From Your Leadership



**Ed Hamilton** 

It was an honor to serve as your APhA Foundation President over the last two years. This year presented us with an opportunity to recharge and create a new strategic outlook for the organization. The APhA Foundation Board of Directors convened esteemed leaders from both the Foundation and APhA to make bold changes to maximize organizational capabilities. We aligned the organizations to be stronger, collectively. This

provides enhanced value through resources, programs, and training for all pharmacists. We continue to be committed to seeing pharmacists as part of an integrated care team that works collaboratively to improve patient health outcomes and demonstrates financial value to care delivery systems across the country. Our work is evident in the launch of the pilot for Project IMPACT Immunization and the release of the Patient Self-Management Solutions — a toolkit for providers to gain a comprehensive understanding of your patients' ability to manage their diabetes and to help you customize and effectively direct treatment and education for your patients.

This year represents a forward strategy focused on an enterprise-wide approach for programs and optimizing structure, operations, and governance to enhance contributor impact. I am always appreciative of the deep and loyal commitment of our contributors who make financial contributions, because they share our vision for innovation in support of the expanding patient care roles for pharmacists. I also appreciate our highly engaged Foundation Board. And I am excited about the cooperation and commitment that we have with the APhA and Foundation leadership and staff as we embrace a collaborative spirit to advance our profession.

I am extremely proud that the vision for the future builds on and honors the hard work and tremendous accomplishments of the past. As we move forward, I am encouraged — and even more so excited — for what this transformation will bring forth in the future for our patients and for our profession.

Sincerely,

Ed Hamilton, PharmD, FAPhA 2015-2016 President, APhA Foundation



Elizabeth Keyes

Collaborating, innovating, and transforming are resounding themes of the APhA Foundation in 2015. I am delighted to be leading this organization as we continue to push forward and further develop each of these themes in all our projects and programs. This year has been transforming. We reflect on our picture of the ideal future and what we stand for at the Foundation.

Our work this year encompassed a strategic course to ensure we achieve these goals. This is reflected in our research agenda, which includes chronic disease prevention and management and important health care issues, such as medication adherence and patient self-management and self-care. We are on a path to meet and collaborate in meaningful ways with APhA to leverage our collective resources. As you read through this year's annual report, I draw your attention to how the Foundation continues to design and implement research projects that follow our *innovation arc* — and how our established programs hold steadfast and rich with history, as we continue to administer the Incentive Grants, Student Scholarships Program, and Pinnacle Awards.

Our transformation and advancements are made possible from the continued support and dedication of our donors. We are so grateful and committed to meeting our mission to improve health by inspiring philanthropy, research, and innovation that advances pharmacists' patient care services. I am honored to be leading the Foundation's transformation and appreciate your continued support to your Foundation.

Sincerely,

Elizabeth Keyes, BSPharm, RPh Executive Director, APhA Foundation Chief Operating Officer, APhA

#### Research and Innovation

The research and innovation emerging from sponsored projects reflect the Foundation's continued effort to advance pharmacists' patient care services and demonstrate their significant value on an interdisciplinary health care team. These innovative initiatives to improve health continue to inspire philanthropy.

The 2015 research agenda continues to focus on bringing value to the profession of pharmacy by:

- Creating evidence of the impact pharmacists have as members of the health care team
- Developing consensus around unexplored or challenging pharmacy topics
- Examining new opportunities for pharmacy practice
- Grooming pharmacy innovators to become our profession's leaders

# Care Delivery Innovation Arc in Diabetes

Significant research efforts explore and evaluate innovative models of care that enhance health care quality by integrating pharmacists into the health care team. The Foundation's Care Delivery Innovation Arc depicts the types of transformative work that have occurred since the late 1990s. Research initiatives may begin anywhere along this spectrum, then evolve and grow.

## Patient Self-Management Solutions

Focused on meeting patients where they are, the Foundation launched Patient Self-Management (PSM) Solutions, a proven model that includes the Patient Self-Management Credential (PSMC) for Diabetes. The APhA Foundation's groundbreaking software works in partnership with national pharmacist provider networks to refine the methodologies that the Foundation has developed over its rich history. PSM Solutions assists patients and providers in having more meaningful interactions and demonstrates the value of pharmacists' patient care services.

The APhA Foundation is collaborating with networks of health care providers that deliver patient care services. Current network partners include Kroger, PrescribeWellness, and SinfoniaRx. Additionally, Scientific Technologies Corporation has partnered with the APhA Foundation to integrate the PSMC for Diabetes into its technology platform. The Foundation's network partners are available to provide services to beneficiaries of self-insured employers and other health care payers interested in providing care options that include the PSM Solutions.

In one example, Kroger has partnered with the Foundation to bring together integrated customer food purchasing, pharmacy, and credentialing data in a supermarket pharmacy setting at the point of care to improve health for people with diabetes. This innovative effort includes additional partners: Abbott, AstraZeneca, Bayer, General Mills, Johnson & Johnson, Nestle, and Roche.

# Population Health Management

Population Health
Management featured the
Foundation's article, Patient
Credentialing as a Population
Health Management Strategy:
A Diabetes Case Study, in its
June 3, 2015 issue. The article
featured the impact and use of
the PSMC for Diabetes in the
previous Foundation research
projects and highlighted
the significance that patient
credentialing may have in
health care reform efforts.

# Appointment-Based Model Pharmacy Locator

The Appointment-Based Model (ABM) is a patient care service designed to improve patients' adherence to medications and build efficiencies in pharmacy operations. The Foundation's public education campaign, Align My Refills, alignmyrefills.com, supports ABM benefits to consumers. Now available on APhA's website, pharmacist.com, an ABM locator map illustrates access to ABM pharmacy services across the country. Individuals can search within their geographic location for an ABM pharmacy, and pharmacists who provide the service may add their location to be included on the map locator.

### IMPACT: IMProving America's Communities Together

#### **Project IMPACT** Immunizations — Pilot

In early 2015, the Foundation facilitated a convening activity with key stakeholders in Washington state, where the discussion centered on how to improve vaccination rates. Stakeholders identified a valuable opportunity to test an innovative practice model that could help pharmacists increase adult vaccination rates.

The resulting initiative, Project IMPACT: Immunizations, launched a pilot demonstration with eight community practice sites in Washington state. The goal of the pilot was to evaluate how implementing an innovative care model that provides the pharmacist access to a patient's vaccine history at the point of care impacts the pharmacist's ability to identify unmet vaccination needs and increase vaccination rates for routinely recommended adult vaccinations.

With support from project partner Scientific Technologies Corporation, pilot sites had access to a bi-directional Immunization Information System (IIS) interface implemented in each pharmacy.

This gave pharmacists access to the patient's VAX history at the point of care. The interface also could generate a patient-specific forecast of recommended vaccines using the patient's documented history and CDC Advisory Committee on Immunization Practices guidelines.

The IIS is a confidential, population-based, computerized database that records all immunization doses administered by participating providers to people residing within a given geopolitical area.

Following the Foundation's Care Delivery Innovation ARC and the completion of the eight pilot sites, the next step will be to spread and scale to a larger demonstration project designed to influence key decision makers and test financially viable models for this new service delivery. A further goal will be national implementation across all 50 states with scalable and sustainable growth in practices nationwide.

#### **Creating Opportunities for More IMPACT**

#### **IMPACT** Healthcare Innovation Hub

The data management system, IMPACT Healthcare Innovation Hub, is built on the Foundation's successful research and innovation history. It aggregates clinical and economic claims data for meaningful evaluation. The Foundation project initiatives continue to use the system, which is designed to "meeting providers where they are" by offfering meaningful outcomes evaluation data. This data can be used to quantify the impact and value of the patient-care services that pharmacists provide and how much it improves health.

#### **IMPACT Care Transformation** Institute

In collaboration with APhA, the **IMPACT Care Transformation** Institute is being designed to bring together the unique combination of interprofessional resources available from both APhA and the Foundation. This opportunity leverages the collective strengths of both organizations to translate what works into practices across America. It will align high-impact resources such as web-based modules, online webinars, and personal implementation coaching and accountability to offer meaningful practice transformation.

#### **IMPACT** with National Partners

The Foundation continues to seek collaboration with national partners to bring the value of the profession of pharmacy to the forefront. A partnership with the CDC continues efforts to bridge the gap between pharmacy and public health. Identifying new initiatives that will integrate pharmacy into population health efforts to manage cardiovascular disease is part of the Foundation's role with the CDC. Dialogue remains strong with the American Medical Association as well as sustained efforts for the Million Hearts and other collaborative initiatives.

### **APhA Foundation Programs**

#### **Incentive Grants**

Incentive Grants were awarded to 22 recipients in three categories: student innovation in immunization practices, practitioner innovation in immunization practices, and residents and their preceptors innovation grants.

The Incentive Grants program is the Foundation's longest-running program and offers pharmacists seed money to implement or support an existing patient care service within their pharmacy practice. Aligned with the Foundation's focus on designing and evaluating new practice models for pharmacy, the core requirement of the Incentive Grants program is a focus on innovation. The Community Pharmacy Foundation provides matching grant support to fund the APhA Foundation Incentive Grants program.

Additionally, the **Daniel A. Herbert Incentive 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. The 2015 recipient was Jacqueline Deiley, with Duran Pharmacy in Waynesboro, Tennessee, who focused on a community pharmacist–directed transition care program to impact hospital readmissions.

Visit: aphafoundation.org/ 2015-Incentive-Grant-Recipients to learn more about the 2015 Incentive Grant Award recipients and their innovative projects.

#### **Student Scholarships**

The APhA Foundation Student Scholarship Program recognizes students who choose to invest their time in their school's APhA Academy of Student Pharmacists (APhA-ASP) chapter to help shape the future of the profession while managing the demands of a full-time pharmacy curriculum. Fourteen scholarships were awarded, thirteen of which are named in recognition of individuals or groups that wish to support the development of future leaders within the profession. This year's scholarship recipients were evaluated on their potential to become leaders for the profession of pharmacy as demonstrated by involvement in school and community activities and academic performance.

Visit: aphafoundation.org/ student-scholarship-recipients-2015 to learn more about the 2015 Student Scholarship recipients.

#### 2015 Dennis and Patricia Worthen APhA-ASP Presidential Award

A separate scholarship fund, the

Dennis and Patricia Worthen APhA-ASP Presidential Award, recognizes the tremendous leadership provided to student pharmacists by the president of APhA-ASP during his or her term in office. Additionally, the APhA-ASP Presidential Award recognizes the president-elect. Dennis and Patti Worthen have been long-time supporters of the APhA Foundation, and have been highly engaged in pharmacy since their early college careers. Over a number of years, the Worthens have attended many pharmacy meetings and visits to schools of pharmacy. The friend-ships and insights they gained led to their mutual decision to establish this award to recognize outstanding student leadership.

#### 2015 Recipients:

APhA-ASP President Lucy West from Northeastern University, Boston, MA

APhA-ASP President-elect Kelsea Gallegos from The University of New Mexico, Albuquerque, NM

#### Carl F. Emswiller Internship in Association Management

The APhA Foundation's summer internship is named in honor of Carl F. Emswiller, a leader in the profession of pharmacy and a pioneer in the areas of pharmaceutical care and collaborative practice. Jewell Emswiller, Carl's wife of 53 years, established a fund to honor his innumerable contributions to pharmacy.

#### 2015 Recipient:

Jordan Long from the Cedarville University School of Pharmacy, Cedarville, OH

#### **Executive Residency**

The APhA Foundation Executive Residency in Association Management and Leadership was established through the APhA Foundation Knowlton Center for Pharmacist-Based Health Solutions. The Executive Residency program trains individuals for leadership positions within the profession and in national, regional, state, and local professional pharmacy and/or other health organizations. The Foundation awards the resident a certificate upon satisfactory completion of the residency. This year marks the eighth year of the Executive Residency program.

#### 2015-2016 Executive Resident:

Brian Donahue, a graduate from Mercer University College of Pharmacy, Atlanta, GA



**Brian Donahue** 

"Serving as the 2015-2016 APhA Foundation Executive Resident has been both a life- and career-changing experience. I was able to develop my leadership and management

abilities while working at APhA Headquarters in Washington, DC, alongside some of the great leaders in the profession of pharmacy. My year at APhA has emboldened my passion to act as an advocate for pharmacists and our patients. I know the lessons I have learned here will play an essential role within each step I take in my career from this point forward."

#### **Pinnacle Award Honorees**

Developing sustainable patient care programs, involving pharmacists in team-based primary care, and providing patient care services and educational outreach to underserved community members were all achievements of the 2015 Pinnacle Award recipients. The Pinnacle Awards, established in 1998, celebrate significant contributions to the medication use process through increasing patient adherence, reducing drug misadventures, promoting the use of national treatment guidelines, improving patient outcomes, and enhancing communication among the members of the health care team. The award honors individuals and organizations in three categories:

# 2015 Individual Award for Career Achievement

#### Magaly Rodriguez de Bittner, PharmD, BCPS, CDE, FAPhA

Dr. Magaly Rodriguez de Bittner is professor and executive director of the Center for Innovative Pharmacy Solutions at the University of Maryland School of Pharmacy. Her role as a community pharmacy faculty member has led to the development of many nationally recognized innovative programs, including the Giant Diabetes Education Program and the Maryland P3 Program, a pharmacist-directed chronic disease program, in partnership with the Maryland Pharmacists Association and government and business organizations. Dr. Rodriguez

de Bittner has dedicated her career to the advancement of pharmacy practice and development of innovative and sustainable patient care programs. By her actions, she has demonstrated exceptional leadership in enhancing the quality of health care and generated innovations in services to promote safe and effective medication use.

# 2015 Group Practice—Health System—Corporation Award

#### The Ohio State University College of Pharmacy and Division of General Internal Medicine

The Ohio State University College of Pharmacy and The Ohio State University Division of General Internal Medicine have had pharmacist involvement in team-based primary care since 2006. During this time, the pharmacy team has grown from one shared faculty member at one clinic to four shared faculty members, one full-time pharmacist, and three pharmacy residents practicing at five National Committee for Quality Assurance level 3 patient-centered medical homes. The pharmacists provide anticoagulation management, transitional care management, population management, and chronic care management for patients, and also serve as a drug information resource. The site has an established interdisciplinary diabetes clinic which was selected to be part of the APhA Foundation Project IMPACT: Diabetes initiative, and polypharmacy clinics that allow

pharmacists to optimize medication regimens for complex patients. The pharmacists provide population management services centered on safe and effective medication use. They also provide care to complex patients recently discharged from the hospital to prevent unnecessary hospital readmissions.

#### 2015 Government Agency– Nonprofit Organization– Association Award

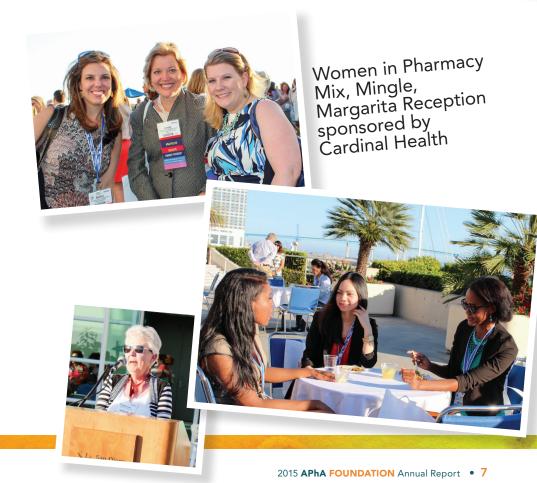
#### Duquesne University Mylan School of Pharmacy Pharmacy Service Centers and Academic Partners Program

The mission of the Duquesne University Mylan School of Pharmacy is to improve health outcomes by educating and mentoring students who advance the profession of pharmacy and pharmaceutical sciences research. Through its Pharmacy Service Centers and Academic Partners Program, the School accomplishes this mission by providing patient care services and educational outreach to members of the underserved community in the greater Pittsburgh area. The Center for Pharmacy Care is a pharmacist-coordinated provider of disease prevention, health screenings, immunizations, and medication therapy management services for the University campus and adjacent communities. The Duquesne University Pharmacy, second of the Pharmacy Service Centers, opened in 2010 as the first university-operated, full-service community

pharmacy in the nation located in the heart of an economically depressed neighborhood. The Academic Partners Program, which was designed to establish formal relationships between the School and its community health care partners, is dedicated to the improvement of health outcomes through patient care services, student education, the advancement of health outcomes research, and a commitment to social responsibility.

Premier support for the Pinnacle Awards is provided by an educational grant from Merck. This activity is additionally supported by an educational donation provided by Amgen.







APhA2015 Foundation Activities



Bowl of Hygeia Reception sponsored by Boehringer Ingelheim









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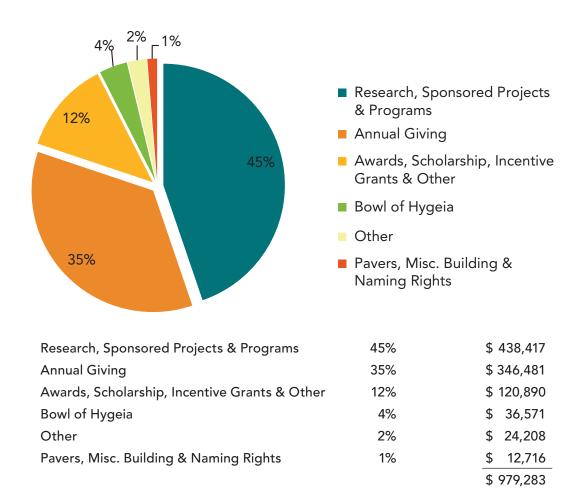
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### APhA Foundation Support 2015



#### STATEMENT OF FINANCIAL POSITION

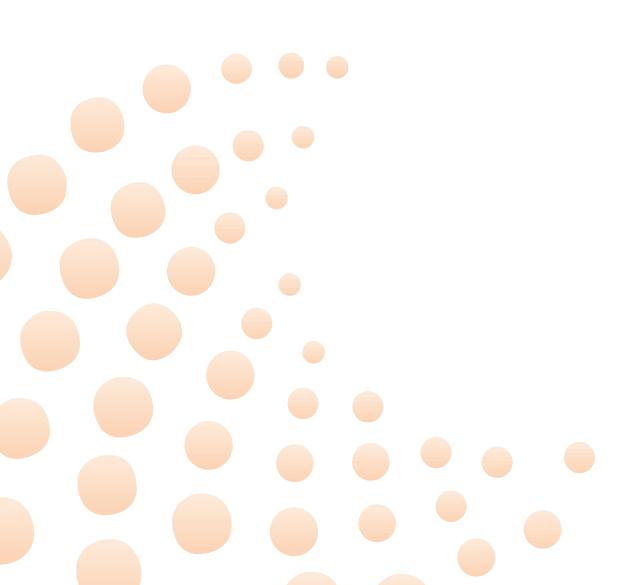
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	2015	2014 <b>\$6,511,506</b>	
Total Assets	\$ 5,723,290 ====================================		
Total Liabilities	\$ 1,277,496	\$ 856,529	
Net Assets:			
Unrestricted	\$ 1,482,568	\$ 2,527,729	
Restricted	\$ 2,963,226	\$ 3,127,248	
Total Liabilities & Net Assets	\$ 5,723,290	6,511,506	

The Foundation would like to thank our generous donors and supporters.

Your donations enable us to conduct research on innovative models,
produce valuable new resources for pharmacists and patients, and recognize
the achivements that motivate advancement of the profession.

THANK YOU.





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