

Inaugural CPF Research Forum APhA 2016

An Impact Evaluation of the Community Pharmacy Foundation's Grants Program: 2002-2015

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Background

CPF Mission:
To assist community pharmacy practitioners by providing resources for research and development to encourage new capabilities and continuous improvements in the delivery of patient care.

Current
Grants In Study: **38**
Grants Completed: **113**
Total Grants Funded: **\$7,172,583**

First Grants Awarded 2002 Today 2016
14 YEARS

Objectives

1. Describe the **SCOPE** of completed CPF grants from 2002 to June 2015.
2. Describe the **IMPACT** of completed CPF grants from 2002 to June 2015.

Founded 2002 June 2015
13 YEARS

Methods

Data Sources: CPF Website, Principal Investigator Interviews, CPF Personnel

Data Analysis: CONTENT ANALYSIS

Methods

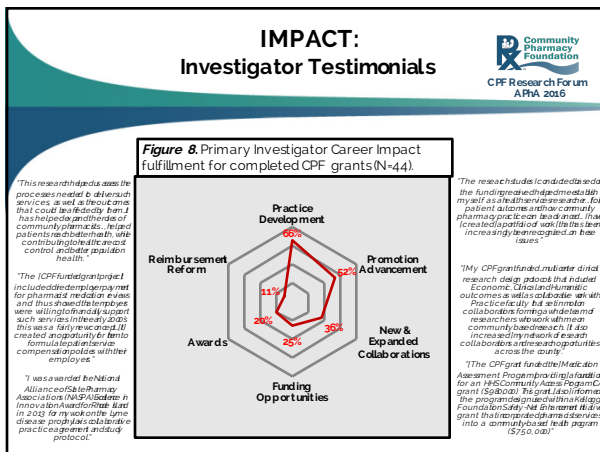
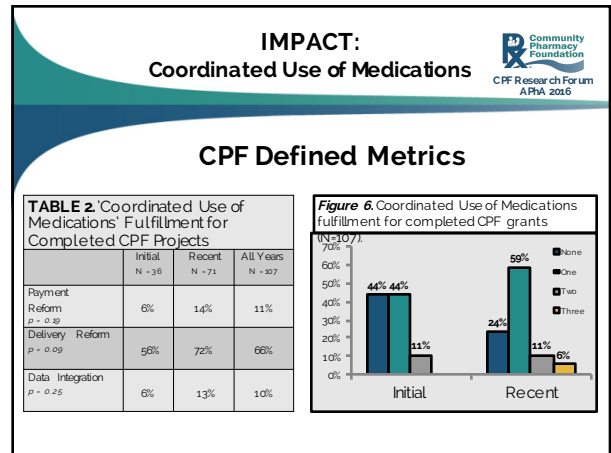
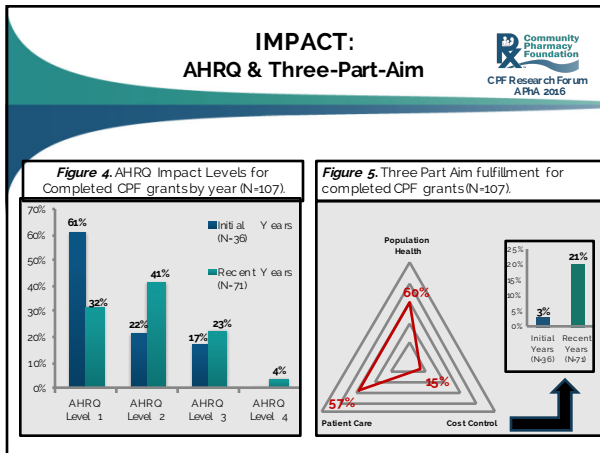
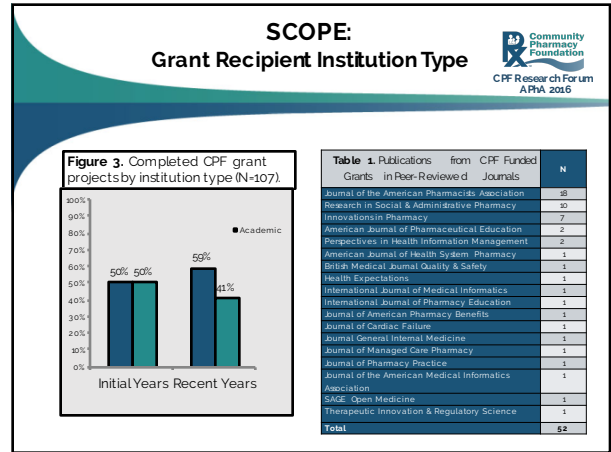
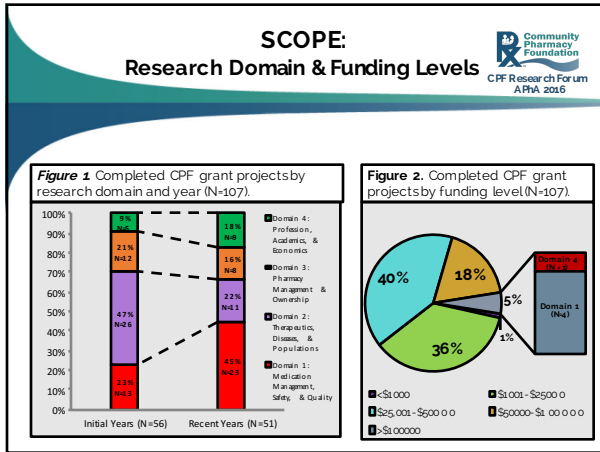
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Initial Years (2002-2008) Recent Years (2009-2015)

Methods

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Objective 1: Scope	<ol style="list-style-type: none"> 1. Research Domain 2. Institution Type 3. Funding Level 	
Objective 2: Impact	<ol style="list-style-type: none"> 1. AHRQ Impact Level 2. Three Part Aim 3. CPF Coordinated Med Use 	<ol style="list-style-type: none"> 1. Practice Development 2. Promotion & Advancement 3. New & Expanded Collaborations 4. Funding Opportunities 5. Awards 6. Reimbursement Reform


N = 107



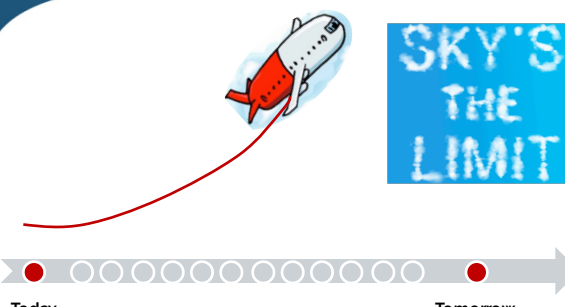
Conclusions

- SCOPE: Research projects remained broad, but with increased emphasis on value based medication management
- IMPACT: Research orientation shifted from descriptive to applied
- IMPACT: Grants have been important for primary investigator (a) practice development and (b) promotion and advancement.


Future Impact



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Appendix: A Scope Measurements




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SCOPE Quantitative Measure 1		SCOPE Quantitative Measure 2	
Research Domain	Definition	Institution Type	
1: Medication Management, Safety & Quality	Projects with objectives or topics that further the understanding, implementation, or evaluation of appropriate medication use.	Academic	
2: Therapeutics, Diseases, & Populations	Projects with objectives or topics that further the understanding, implementation, or evaluation of disease treatment in individuals and populations.	Non-academic	
3: Pharmacy Management & Ownership	Projects with objectives or topics that further the understanding, implementation, or evaluation of pharmacy management and ownership.		
4: Profession, Academics, & Economics	Projects with objectives or topics that further the understanding, implementation, or evaluation of pharmacy practice, education, and		

SCOPE Quantitative Measure 3	
Category	Amount (\$)
1	< \$1,000
2	\$1,001 - \$25,000
3	\$25,001 - \$50,000
4	\$50,001 - \$100,000
5	> \$100,000


Appendix B: Impact Measurements (1/2)



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IMPACT: Quantitative Measure 1		IMPACT: Quantitative Measure 2	
AHRO Impact Level	Definition	Theme Part Aim	Definition
1	Add to the knowledge base only and do not represent a direct change in policy or practice.	Improving Patient Care	Projects with objectives and results that further the understanding, implementation, or evaluation of methods for "improving the individual experience of care for patients."
2	May directly lead to a policy or program change.	Population Health	Projects with objectives and results that further the understanding, implementation, or evaluation of methods for "improving population health."
3	May cause a change in what clinicians or patients do, or may alter a care pattern.	Controlling Costs through Quality Improvement	Projects with objectives and results that further the understanding, implementation, or evaluation of methods for "reducing the per capita costs of care for populations."
4	May change actual health outcomes (eg. clinical, economic, QoL, etc.) or profoundly change practice.		


Appendix B: Impact Measurements (2/2)



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IMPACT: Quantitative Measure 3		IMPACT: Quantitative Measure 4	
CPF Coord Use of Medications	Definition	Investigator Impact	Definition
Payment Reform	Projects with results that further the understanding, implementation, or evaluation of global or budgeted payment models that standardize and incentivize appropriate medication use to help meet quality health goals.	Practice Development	Investigators used project results for practice development.
Delivery Reform	Projects with results that further the understanding, implementation, or evaluation of new payment models with prerequisites (ie. credentialing) and strategies for delivering medication-related care and services.	Promotion & Advancement	Investigators used project results and funding for career advancement.
Real-time Data Integration	Projects with results that further the understanding, implementation, or evaluation of health information environment standardization, completeness, and real-time point of care data crucial to effective and efficient medication use.	New & Expanded Collaborations	Investigators used project to establish future collaborations.
		Funding Opportunities	Investigators received subsequent funding related to their project.
		Awards	Investigators received an award or other notable recognition related to their project.
		Reimbursement Reform	Investigators used results to improve pharmacist compensation policies.

Appendix C: Investigator Impact Quotes



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Practice Development
"This research helped us assess the processes needed to deliver such services, as well as the outcomes that could be affected by them...It has helped expand the roles of community pharmacists...helped patients reach better health, while contributing to healthcare cost control and better population health."

Promotion & Advancement
"The research studies I conducted based on the funding received helped me establish myself as a health services researcher, for patient outcomes and how community pharmacy practice can be advanced...I have created a portfolio of work that has been increasingly been recognized on these issues."

Reimbursement Reform
"The ICFP funded grant project included direct employer payment for pharmacist medication reviews and thus showed that employers were willing to financially support such services. In the early 2000's this was a fairly new concept...It created an opportunity for them to formulate patient service compensation policies with their employers."

New & Expanded Collaborations
"My CPF grant funded, multicenter clinical research design protocols that included Economic, Clinical and Humanistic outcomes as well as collaborative work with practice faculty that set in motion collaborations forming a whole team of researchers who work with me on community based research...It also increased my network of research collaborators and research opportunities across the country."

Awards
"I was awarded the National Alliance of State Pharmacy Associations (NASPA) Excellence in Innovation Award for Rhode Island in 2013 for my work on the Lyme disease prophylaxis collaborative practice agreement and study protocol."

Funding Opportunities
"The CPF grant funded the Medication Assessment Program (providing a foundation for an HHS Community Access Program (CAP) grant (\$280,000). This grant, also informed the program design used within a Kellogg Foundation Safety-Net Enhancement Initiative grant that incorporated pharmacist services into a community-based health program (\$750,000)."