



Supporting the value
of community pharmacy.

COMMUNITY PHARMACY FOUNDATION COMPLETED GRANT SYNOPSIS

TITLE:

The Value of Community Pharmacy Residency Training: Colleges of Pharmacy & Practice Site Perspectives

INVESTIGATORS:

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American Society of Health-System Pharmacists -staff
National Community Pharmacists Association – staff

For further information and/or materials on this grant, please visit
www.CommunityPharmacyFoundation.org and submit your inquiry through **Contact_Us**.

Objectives	
<p>1) To assess the real or perceived value of providing community pharmacy residency training from the perspectives of colleges of pharmacy and pharmacy provider organizations, both chains and independents, through the use of a scientifically sound survey.</p> <p>2) To critically analyze the data in the survey, formulate conclusions and submit their findings in a manuscript for publication in the <i>Journal of the American Pharmacists Association (JAPhA)</i>.</p> <p>3) To develop marketing messages and marketing brochures for distribution to key stakeholders to promote the growth and expansion of Postgraduate Year 1 Community Pharmacy Residency Programs.</p>	
Methods	
Design	<ul style="list-style-type: none"> • Recruit an advisory panel of four (4) geographically diverse pharmacy research experts to assist in survey design, perform data analysis, write a final project manuscript and participate in the development of recommendations for marketing messages on the “value proposition” of community pharmacy residency training with identification of one lead investigator. • Initiate work with The American Pharmacists Associations (APhA) Market Research Unit and expert advisory panel, providing their unit’s resources, staff, knowledge and expertise in market research, to effectively design and administer a scientifically sound survey instrument. • Complete the development of survey instrument as detailed in the <i>JAPhA</i> published manuscript utilizing the following steps: <ol style="list-style-type: none"> 1. <i>Specifying the Domain of the Constructs (Value /Barriers)</i> 2. <i>Generating a Pool of Items for Each Construct</i> 3. <i>Having Initial Pool of Items Reviewed by Experts</i> 4. <i>Considering Inclusion of Validation Items</i> • Field the survey to all schools and colleges of pharmacy in the United States and to a random sample of pharmacy providers, both those known to currently participating in these programs as well as those not currently participating in these programs via web based Qualtrics software • Analyze the data to identify both quantitative and qualitative data on the real and perceived value of community pharmacy residency training including: <ol style="list-style-type: none"> 1. <i>Purifying the Measures</i> 2. <i>Optimizing the Practicality of the Measures</i> • Develop a manuscript for reporting of the research findings and key recommendations to the <i>Journal of the American Pharmacists (APhA)</i> for publication. • Analyze and interpreting the data, findings and key recommendations identified by the expert advisory panel members to develop marketing messages and brochures to promote the “value proposition” of community pharmacy residency training to each stakeholder population. • Design and print marketing brochures organizations and individuals identified within the key stakeholder groups. • Initiate & continue distribution of materials to key stakeholders
Study endpoints	<ul style="list-style-type: none"> • Completion of survey • Publication of research findings in the <i>Journal of the American Pharmacists Association</i> • Publication of marketing brochures • Distribution to key stakeholders

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Results

- Study published – *J Am Pharm Assoc.* 2010; 50: e72-e88. Key findings include:
 - That the most significant types of value to the respondents were altruistic in nature such as: pharmacy education development, pharmacy profession development, and community engagement
 - That barriers to offering community pharmacy residencies were more practical and included challenges related to accreditation and operational issues
 - Evidence that (1) lack of leadership, (2) lack of revenue generated from such programs, and (3) the cost of reimbursement for residents may be fundamental, multi-dimensional barriers to implementing community pharmacy residencies
- Marketing brochures developed and printed for schools/colleges and sites
- Initial distribution occurred at the APhA 2010 Annual Meeting and Exposition to key stakeholders with continued distribution through multiple channels planned for 2010

Conclusion

- Expert research advisory panel recommended based on the findings that guidelines for both start-up and continuation of CPRPs, “industry norms” that would require CPRP training for certain types of employment, and creation of models for patient care revenue would help develop and position CPRPs in the future.
- Significant work in this area is required to develop sufficient opportunities for graduating students to enter into these types of programs.