Infrastructure Development Program in Patient-Centered Outcomes Research (PCOR) (R24)

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Founder, PPRNet

PPRNet: An AHRQ funded Research Center in Primary Care Practice Based Research and Learning (P30)
Agenda

- Introduce the AHRQ R24 FOA
- Discuss our planed approach
- Invite comments and participation
AHRQ R24 FOA
Resource-Related Research Project (R24)

- Intent to enhance existing CER research capacity within the context of patient-centered outcomes research (PCOR)
- Support for novel research projects, professional development, and institutional infrastructure
Activities to strengthen infrastructure
- Training at minimum to meet PCORI methodology standards
- Thematic research focus
- 3-5 research projects
- External advisory committee
- Formative and impact evaluation

PPRNet, 2013
AHRQ R24 FOA (PA) Requirements

Engage New Stakeholders in Planning and Dissemination of Research:

- Providers
- Consumers
- Community groups
- Payers
- Purchasers
- Policymakers
- Administrators
AHRQ R24 FOA (PA) Requirements

Ability to collaborate with research centers capable of performing accelerated clinical effectiveness and outcomes research and the translation, dissemination and uptake of evidentiary information for health care practice and decision-making, e.g. Practice-Based Research Networks.
Required Area of Emphasis

- Reduction of disparities
  Or
- Evaluating and comparing health care delivery system designs; developing and evaluating system redesigns; and implementing and disseminating effective, evidence-based design practices

PPRNet, 2013
Our Planned Approach
Thematic Focus

- Patient-centered implementation of the recommendations of the US Preventive Services Task Force (USPSTF)
- USPSTF works to improve the health of all Americans by making EB recommendations about clinical preventive services
## PPRNet PS Work to Date

<table>
<thead>
<tr>
<th>Years</th>
<th>ID Number</th>
<th>Project Name</th>
<th>Funder</th>
<th>Brief Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002-2006</td>
<td>5U18HS013716 Ornstein</td>
<td>Accelerating Translation of Research into Practice</td>
<td>AHRQ</td>
<td>Demonstration project extending QI intervention to 84 indicators of preventive and chronic disease care in 99 practices</td>
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<tr>
<td>2004-2006</td>
<td>R25AA015066 Miller</td>
<td>Facilitating Alcohol Screening of Hypertensive Patients</td>
<td>NIAAA</td>
<td>Group randomized trial assessing QI intervention to improve detection and management of excessive drinking among hypertension patients in 20 practices</td>
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<tr>
<td>2006-2010</td>
<td>R01CA112389 Ornstein</td>
<td>Colorectal Cancer Screening in Primary Care Practice</td>
<td>NCI</td>
<td>Group randomized trial assessing QI intervention to improve colorectal cancer screening in 32 practices</td>
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<td>2008-2010</td>
<td>HHSA290200710015I Nemeth/Ornstein</td>
<td>Implementation and Evaluation of Standing Orders Using Heath Information Technology</td>
<td>AHRQ</td>
<td>Demonstration project to assess impact of electronic standing orders on delivery of preventive services and diabetes monitoring measures in 8 practices</td>
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<tr>
<td>2008-2012</td>
<td>R01AA016768 Miller/Ornstein</td>
<td>Implementation of Alcohol Screening, Intervention and Treatment in Primary Care</td>
<td>NIAAA</td>
<td>Group randomized cross-over trial assessing QI intervention designed to adopt new NIAAA alcohol screening and treatment guidelines in 20 practices</td>
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# Proposed Projects

<table>
<thead>
<tr>
<th>Project</th>
<th>Faculty</th>
<th>Setting</th>
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<tbody>
<tr>
<td>Lung cancer screening</td>
<td>Nicole Tanner, James Ravenel</td>
<td>MUSC primary care practices/LC screening clinic</td>
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<td>Early management of S.C. newborns with sickle cell disease</td>
<td>Julie Kanter</td>
<td>MUSC Sickle Cell clinic in collaboration with DHEC</td>
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<td>Medication for risk reduction of primary breast cancer</td>
<td>Andrea Wessell</td>
<td>PPRNet</td>
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<td>Interventions to prevent tobacco use in children and adolescents</td>
<td>Jimmy Roberts</td>
<td>SCPPRN</td>
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<td>Avoiding inappropriate screening for prostate and cervical cancer</td>
<td>Cara Litvin</td>
<td>PPRNet</td>
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Planned Infrastructure Components

- Virtual Learning Environment (Moodle)
- Competency cores to assist with all projects and VLE development
- Outside courses
- Invited presentations from external advisory board members
- Internal advisory board
<table>
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<tr>
<th>Component</th>
<th>Faculty Lead</th>
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<tr>
<td>Qualitative Research Methods</td>
<td>Lynne Nemeth</td>
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<tr>
<td>Methodology/Biostatistics</td>
<td>Paul Nietert</td>
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<td>Evidence Synthesis</td>
<td>Elizabeth Crabtree</td>
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<tr>
<td>Implementation Science</td>
<td>?Cathy Melvin</td>
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<td>Community-Based Participatory Research</td>
<td>?Susan Newman</td>
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Additional Needs

- Other faculty with PCORI methodology standards expertise to contribute to VLE and consult on projects
- Internal advisory board members
- Support from MUSC administration
Comments and Invitation to Participate