

## Research Role Development Workshops 2011 Descriptions & Objectives

TIME	RESEARCH METHODS FOR NOVICE INVESTIGATORS
<b>8:30 to 9:45</b>	<p style="text-align: center;"><b>Are you doing Research or is it Quality Improvement (QI) or Evidence-Based Practice? – Nasr/Bufum</b></p> <p>Description: Differentiating research from QI and evidence-based practice (EBP) evaluation is crucial as a first step in the process of clinical inquiry. This workshop provides novice investigators with keys to defining and differentiating research, QI and EBP. We will distinguish the features of each as they impact intended purposes, design, methods, and issues concerning risk to human subjects.</p> <p>Objectives--Upon completion of this workshop, participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Define and differentiate research, quality improvement and evidence-based practice evaluation.</li> <li>2. Analyze factors that might result in an EBP project evolving to become a QI study and ultimately becoming a research study.</li> <li>3. Describe importance of differentiating research, QI and EBP activities in terms of human subjects' protection, IRB approval, publications and presentations.</li> <li>4. Discuss how different methods impact practice change and policy.</li> </ol>
<b>10:00 to 11:15</b>	<p style="text-align: center;"><b>Clinical Research Design Basics - Eldredge</b></p> <p>Description: Generating research questions is easy. It's how to design a strong study to get the answer to that question that challenges investigators. This workshop sorts out the fundamentals of research design and helps participants approach design through the logical analysis of the question driving the study and the design options it presents.</p> <p>Objectives-- Upon completion of this workshop, participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Explain the relationship between science, research, and research design.</li> <li>2. Describe how research designs differ depending on the question being asked.</li> <li>3. Discuss concepts of bias and threats to validity as related to research design.</li> <li>4. Describe the strengths and limitations of different research designs.</li> </ol>
<b>12:00 to 1:15</b>	<p style="text-align: center;"><b>Understanding Quantitative Research Results – Interpreting Statistical Results Tables &amp; Mysterious P Values- Forsey</b></p> <p>Description: Clinician and novice investigators often report that the language of research reports confounds their ability to really understand the meaning of the findings and the implications for practice. This workshop provides participants with the basics of interpreting quantitative research results and reviews critical concepts essential to use when faced with a table of data in a research article.</p> <p>Objectives-- Upon completion of this workshop, participants will be able</p> <ol style="list-style-type: none"> <li>1. Define descriptive statistics, including measures of central tendency and dispersion</li> <li>2. Discuss the core concepts of inferential statistics</li> <li>3. The null hypothesis and how it is related to tests of statistical significance</li> <li>4. Differentiate between statistical and clinical significance</li> <li>5. Discuss the concept of causal inference in light of reported research results</li> </ol>
<b>1:30 to 2:45</b>	<p style="text-align: center;"><b>Introduction to IOM Future of Nursing Recommendations— Implications for Research and EBP -Foley</b></p> <p>Description: A landmark report was released in 2011: The Institute of Medicine's Report of the Future of Nursing. Learn what the overall report recommendations address and how research and EBP will be impacted.</p> <p>Upon completion of this workshop, participants will be able to:</p> <ol style="list-style-type: none"> <li>1. To identify at least two of the national initiatives to reduce the cost of healthcare delivery while improving the quality, effectiveness, safety, reliability and outcomes of patient care</li> <li>2. Identify two of the major implications of health care reform, accountable care, and value based purchasing on the current health care climate.</li> <li>3. Identify two of the specific strategies underway to implement the Future of Nursing recommendations related to research</li> <li>4. Identify two of the specific strategies underway to implement the Future of Nursing recommendations related to EBP</li> </ol>
<b>3:00 to 4:15</b>	<p style="text-align: center;"><b>Creating and Sustaining Fun Journal Clubs!- Buffum</b></p> <p>Description: The purpose of conducting unit-based journal clubs is to engage staff in clinical questioning and active discussion about practice issues. Often challenges emerge that require creative and critical thinking to promote successful outcomes. This workshop will address the following objectives:</p> <ol style="list-style-type: none"> <li>1. Describe the benefits of journal clubs as a tool for expediting the transition of new knowledge into practice and resolving questions, concerns, conflicts arising from patient care.</li> <li>2. Identify common challenges faced by clinicians and leaders launching and sustaining journal clubs and strategies for addressing these challenges.</li> <li>3. Identify the aims and approaches to evaluating the impacts of journal clubs.</li> <li>4. Examine innovative ideas for creating exciting journal clubs in each participant's setting.</li> </ol>

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TIME	<b>RESEARCH METHODS FOR ADVANCED BEGINNER INVESTIGATOR</b>
<b>8:30 to 9:45</b>	<p style="text-align: center;"><b>Principles of Measurement- Forsey</b></p> <p>Description: Understanding the principles of valid and reliable measurement is essential to planning and conducting solid quantitative and mixed methods research, evaluating EBP small tests of change and assessing the impacts of quality improvement activities. This workshop provides participants with an introduction to principles of measurement and sources of measures that may be useful to novice investigators.</p> <p>Objectives-- Upon completion of this workshop, participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Describe steps determining choice of measure for a study</li> <li>2. Define validity and reliability related to measurement</li> <li>3. Identify sources of measures and why "inventing" a measure is not recommended.</li> </ol> <p style="padding-left: 20px;">List measurement and reporting guidelines for new researchers</p>
<b>10:00 to 11:15</b>	<p style="text-align: center;"><b>Differentiating &amp; Integrating Qualitative &amp; Quantitative Methods-Stannard</b></p> <p>Description: Qualitative and quantitative research traditions each have a well established and highly regarded history in nursing science. Since the 1980's mixed methods studies, that combine and integrate both qualitative and quantitative methods in a single study, have been common, highlighting the benefits of each approach in answering the complex research questions examined by nurse investigators. Based on the assumption that the research question "should" determine the method(s) used by the investigator, this workshop differentiates qualitative and quantitative research methods while exploring the value of mixed methods approaches.</p> <p>Objectives-- Upon completion of this workshop, participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Differentiate key attributes of qualitative and quantitative research methods.</li> <li>2. Define mixed method as a research design.</li> <li>3. Describe how mixed methods approaches may be useful in EBP and QI studies.</li> </ol>
<b>12:00 to 1:15</b>	<p style="text-align: center;"><b>How to Conduct and Interpret Surveys- Summer</b></p> <p>Description: Whether you plan to conduct a survey or not, nurses are increasingly expected to keep up to date on information relevant to their practice or to develop new skills. The purpose of this workshop is to learn how you can be a savvy consumer of survey research. Survey research is a research method involving the use of surveys and questionnaires to obtain information about activities, beliefs, preferences, and attitudes of people via direct questioning of a sample of respondents.</p> <p>Objectives: Upon completion of this workshop, participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Identify three issues that affect the quality and accuracy of survey research.</li> <li>2. How to quickly and easily create a valid and reliable survey to measure health outcomes from the patient perspective at no cost.</li> <li>3. Describe three strategies to increase survey response rate.</li> </ol>
<b>1:30 to 2:45</b>	<p style="text-align: center;"><b>Introduction to Sources for Systematic Reviews – Stannard</b></p> <p>Description: Systematic reviews of the literature are nuggets of gold for investigators, clinicians and quality improvement gurus because they summarize the results, strengths and limitations of a "body" of literature, providing the user with the essence of knowledge from a cluster of synthesized studies. This workshop introduces participants to sources of systematic reviews in general and in particular to the resources and tools of Joanna Briggs Institute, one of the world's most trusted sources of systematic reviews in nursing.</p> <p>Objectives-- Upon completion of this workshop, participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Describe the vital contribution systematic reviews make to the literature.</li> <li>2. Compare and contrast online sources of systematic reviews in nursing.</li> <li>3. Differentiate systematic reviews and Meta analyses.</li> </ol>
<b>3:00 to 4:15</b>	<p><b>Introduction to Sources for Systematic Reviews – Stannard</b></p> <p><b>REPEAT</b></p>

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TIME	EVIDENCE-BASED PRACTICE
8:30 to 9:45	<p style="text-align: center;"><b>Building Capacity for Clinical Inquiry: Putting Research and Evidence-based Practice into Action-Eldredge</b></p> <p>Description: Magnet worthy and strategically valuable capacity for research and evidence-based innovation in hospitals and health care settings happens when clinicians and leaders share a commitment to achieving clinical excellence through a program of robust clinical inquiry. This workshop presents an overview of the building blocks that create the foundation and then the elevation for world class research and evidence-based performance improvement.</p> <p>Objectives: Upon completion of this workshop, participants will be able to;</p> <ol style="list-style-type: none"> <li>1. Define capacity for research and evidence-based performance improvement in terms of clinician behavior, research productivity and innovativeness.</li> <li>2. Identify basic building blocks that create the foundation for capacity for research and evidence-based performance improvement in clinical practice Define strategic alignment and why this is key to developing capacity for research and evidence-based performance improvement in clinical practice.</li> </ol>
10:00 to 11:15	<p style="text-align: center;"><b>Conducting &amp; Evaluating Small Tests of Change - Pacholuk</b></p> <p>Description: Initiating and evaluating a small test of change with the aim of improving patient care quality, outcomes, and costs is a daunting task. It is considered difficult, perhaps impossible work. This workshop presents participants with the inspiration, trade secrets and practice tools necessary to actually conduct successful small tests of change and might even be fun too.</p> <p>Objectives: Upon completion of this workshop, participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Define characteristics of small tests of change.</li> <li>2. Describe the secrets of successful small tests of change</li> <li>3. Analyze the role of evaluation in successful small tests of change and sources of evidence that are useful in creating readiness for change and in affirming the value of a selected change.</li> </ol>
12:00 to 1:15	<p style="text-align: center;"><b>Making Research and EBP Happen: Key Stakeholders who are they and what makes them Tick? –Nasr - Panel</b></p> <p>Description: Building capacity for research and evidence-based performance improvement in hospitals and health care settings is successful when passionate champions of clinical inquiry engage peers, opinion leaders and empowered advocates in formal and informal activities that generate research questions and fosters the translation of research into practice. Dynamic unit based research and innovation happens when leaders artfully draw colleagues into the work and fully engage them in fanning the flame of inquiry. This workshop will explore the art and science of stakeholder engagement and provides participants with tools to use to systematically achieve their goals.</p> <p>Objectives: Upon completion of this workshop, participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Identify diverse stakeholders in a given situation/setting using principles of microsystem assessment</li> <li>2. Describe the importance of stakeholders in achieving goals</li> <li>3. Analyze barriers and facilitators of stakeholder engagement Identify formal and informal strategies for engaging stakeholders</li> </ol>
1:30 to 2:45	<p style="text-align: center;"><b>Making Change Stick – T Implementation Science – Eldredge</b></p> <p>Description: Sustaining and spreading successful innovations has challenged health care for decades. Why does it take so long for important practice changes to be adopted? Why isn't research translated more quickly into practice? This workshop introduces participants to the emerging field of implementation science and key concepts that may be invaluable to clinicians eager to expedite the translation of new knowledge into practice.</p> <p>Objectives: Upon completion of this workshop, participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Define implementation science</li> <li>2. Identify key factors that foster the spread of innovation in organizations</li> <li>3. Describe milestones in the process of individual clinician adoption of innovation</li> <li>4. Analyze strategies that may be used to expedite implementation of innovations</li> </ol>
3:00 to 4:15	<p style="text-align: center;"><b>Conducting &amp; Evaluating Small Tests of Change - Pacholuk</b> REPEAT</p>

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TIME	GRANTSMANSHIP, PUBLICATIONS, AND POSTERS
8:30 to 9:45	<p style="text-align: center;"><b>Introduction to Grantsmanship Girouard</b></p> <p>Description: This session provides an overview of the grant seeking process including: definitions/descriptions of terms; the steps in the process; how to develop needed skills; and, the characteristics of successful proposals.</p> <p>Objectives Upon completion of this session, the participant will be able to:</p> <ol style="list-style-type: none"><li>1. Define and describe key terms and concepts</li><li>2. Identify sources of funding</li><li>3. List the steps of grant seeking process</li><li>4. Identify needed skills and how to develop them</li><li>5. Describe the characteristics of a successful proposal</li></ol>
10:00 to 11:15	<p style="text-align: center;"><b>Proposal Writing Mini-Seminar Girouard</b></p> <p>Description: Participants with basic knowledge of grantsmanship will have an opportunity to initiate writing a proposal for a project they wish to implement. Participants should bring a proposal they are currently working on (at least a description of the proposed project) hands-on, small group work.</p> <p>Objectives Upon completion of this session, the participant will:</p> <ol style="list-style-type: none"><li>1. Clearly describe the project for which funding is sought</li><li>2. Draft a proposal outline and work plan for developing the proposal</li><li>3. Identify three possible funding sources</li><li>4. Describe next steps to move the proposal forward</li></ol>
12:00 to 1:15	<p style="text-align: center;"><b>Using Nursing Quality Data to Shape and Evaluate Evidence-based Performance Improvement – Foley</b></p> <p>Description: To describe current national-, state-, and hospital-based conversations concerning nursing sensitive metrics the quality of nursing care, and the influence of that work on the topic of evidence based performance improvement.</p> <p>Upon completion of this workshop, participants will be able to:</p> <ol style="list-style-type: none"><li>1. Recall key events in the history and origin of nursing sensitive indicators</li><li>2. Define a nursing sensitive measure</li><li>3. Describe how structural and process, and patient outcomes measures can be translated into performance improvement activities</li><li>4. Identify additional populations and settings for the development of nursing quality performance improvement activities</li></ol>
1:30 to 2:45	<p style="text-align: center;"><b>First Time Publishing – From Idea to Print - Summer</b></p> <p>Description: Getting published the first time is a journey that requires the author to convert good ideas, good stories, and good data into a coherent narrative with a purpose, an audience and target journal in mind. You can do this! This presentation was introduced for the first time last year and is back by popular demand to provide participants with a systematic approach to producing a draft publication.</p> <p>Objectives: Upon completion of this workshop, participants will be able to:</p> <ol style="list-style-type: none"><li>1. Identify common challenges faced by clinicians in achieving their first publication.</li><li>2. Describe steps in the process of converting a good idea for a publication into a viable first draft. Analyze sources of insight, expertise, and tools that may be helpful to novice authors and develop a personal plan for publication.</li></ol>
3:00 to 4:15	<p style="text-align: center;"><b>First Time Publishing – From Idea to Print REPEAT</b></p>