

EVIDENCE-BASED PRACTICE/RESEARCH ACADEMY

Curriculum based on the Textbook: Schmidt, N. & Brown, J. (2009). Evidence-Based Practice for Nurses: Appraisal and Application of Research. Sudbury, MA: Jones and Bartlett.

Affiliated with: California State University Fresno and the Central Valley Nursing Leadership Council

Sponsored by: Central Valley Nursing Research Partnership

Session	Date	Reading	Topic	Objectives	Speaker
1	Friday Jan 15, 2010	Chapters 1, 2 & 16	Academy Overview Definition of nursing research Overview of EBP Sources of Evidence Overcoming barriers Practical examples of EBP/research Various theoretical models for EBP/nursing research	Participants will: *Define evidence-based practice (EBP) * Understand application of EBP in daily nursing practice * Identify theoretical models of EBP * Analyze the impact of using nursing research/EBP in daily nursing practice. * Examine organizational strategies that facilitate EBP. *Define outcome research *Discuss ways outcomes can be classified.	Carole Cooper- Children's Hospital Dr. Mary Barakzai, CSUF
2	Friday Jan 29, 2010	Chapters 3 & 5	Identifying nursing research problems: clinical and public health experience, nursing theories, national initiatives Formulating researchable questions	Participants will: * Identify a researchable problem that affects individual practice. * Explain the importance of the identified problem in clinical practice. * Describe how theory and research influence clinical practice.	Dr. Mary Barakzai, CSUF Dr. Sylvia Miller, CSUF
3	Friday Feb 12, 2010 Location: Computer Lab CSUF	Chapters 4, 10 & 13	Performing a literature search Primary and secondary sources of data Sources of evidence Critical appraisal of article	Participants will: * Identify professional journals and publications that are useful for EBP research. * Locate appropriate sources used to support evidence-based practice.	Cynthia Perkins, Librarian from Children's Hospital Nancy Crossfield, librarian from St Agnes

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				*Perform an electronic search using PICO format.	Jane Magee, Librarian from CSUF
4	Friday Feb 26, 2010	Chapters 6,7,8, 9 & 11	<p>Quantitative designs Design strategy Identification of facilitators and collaborators Structuring the research team Developing a research budget Developing a timeline Scientific Merit</p> <p>Gathering Evidence-Based data Sampling Selecting the instrument Validity and reliability Methods to collect data Data analysis methods</p>	Participants will: *Identify major research designs used in quantitative research. *Describe various methods to measure and collect quantitative data. *Identify the basic concepts associated with sampling. *Identify the process for developing a codebook for data collection. *Formulate a research plan for completion of individual projects. -Identify key stakeholders in the development of the research initiative. -Select the appropriate research method that will support the research question. - Analyze economic resources needed to complete the research project. - Identify potential sources of funding. - Select an instrument to gather data. - Assess organizational and cultural considerations/limitations that should be taken into account during the research study.	Paul Mills, Cancer Registry

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5	Friday Mar 12, 2010	Chapters 7,8, 9 & 12	<p>Qualitative designs Design strategy Identification of facilitators and collaborators Structuring the research team Developing a research budget Developing a timeline Scientific Merit</p> <p>Gathering Evidence-Based Data Sampling Selecting the instrument Validity and reliability Methods to collect data Data analysis methods</p>	<p>Participants will:</p> <ul style="list-style-type: none"> *Identify qualitative research designs *Discuss major sources of qualitative research *Describe techniques to analyze and interpret qualitative data. *Describe various methods to collect qualitative data. *Formulate a research plan for completion of individual projects 	<p>Helda Pinzon-Perez CSUF</p> <p>Dr. Paula Solomon, VA Hospital</p>
6	Friday Mar 26, 2010	Chapters 6 & 7	<p>Ethical Issues in research Role of the IRB - Why is it important - Requirements for IRBs in the Central Valley</p> <p>Panel of Representatives from IRBs in the Central Valley</p>	<p>Participants will:</p> <ul style="list-style-type: none"> *Understand the IRB requirements within various organizations *Identify key individuals within various organization that support research * Identify approval process for research protocols within various organizations. * Formulate a plan to obtain IRB approval for individual research projects. 	<p>LaNora Cook, Kaweah Delta</p> <p><u>Panel:</u> Dr. Jack Shantz, Veteran's Hospital Ronda Pisk, Children's Hospital Carolyn Okamoto, St Agnes Hosp. Helda Pinzon-Perez, CSUF</p>
7	Friday April 9, 2010	NIH Module	<p>Practical session to apply concepts learned Writing the research proposal</p>	<p>Participants will:</p> <ul style="list-style-type: none"> * Select an appropriate research design and sampling method to support the proposed research question. * Formulate a research proposal. *Complete appropriate paperwork for IRB approval. 	<p>Partnership members</p>

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8	Friday Apr 23, 2010 St Agnes Hospital	Mandatory Participation	Annual Central Valley Nursing Research Conference	Participants will: *Observe multiple examples of research projects that are being conducted in the Central Valley.	Dr. Sylvia Miller, CSUF
9	Friday Aug 27, 2010	Chapters 14 & 15	Interpretation of research outcomes Strategies for promoting evidence- based nursing practice	Participants will: *Evaluate evidence obtained from individual studies *Synthesize evidence to determine impact of the study upon daily practice *Design a plan to integrate research evidence into practice. *Identify key stakeholders contact within the organization to implement changes based on results	Dr. Paula Solomon, VA hospital
10	Friday Sept 24, 2010	Chapters 16 & 17	Disseminating research findings Designing a poster presentation Preparing for an oral presentation Fundamentals of publishing in journals	Participants will: * Assess how results may be shared within individual units, organizations, and the community. *Choose a method to present research findings in a professional conference *Formulate a plan to disseminate research findings	Dr. Mary Barakzai, CSUF Helda Pinzon- Perez National Speakers from NIH grants 9a.m.-1 p.m.
11 & 12	Feb 18 th and Mar 18 th , 2011	Workshop	Design of the poster or oral presentations Rehearsals	Participants will: * Discuss suggestions to maximize the quality of their presentation * Apply the theoretical concepts learned into structuring their presentations	Dr. Mary Barakzai, CSUF Helda Pinzon- Perez All partnership members
13	Friday Apr 22, 2011 St Agnes Hospital	Presentation	Presentation of research projects at the Annual Central Valley Nursing Research Conference	Participants will: * Present or display research projects at the Central Valley Nursing Research Conference	Dr. Sylvia Miller, CSUF

12/09 Note: Due to unforeseen circumstances some topics and dates may change.