

Planning the Nursing Education Research Network

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N N E R N

NATIONAL NURSING EDUCATION RESEARCH NETWORK



Conflict of Interest

- No presenters have any conflict of interest related to this presentation or the work reported herein
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Getting Serious about Advancing the Science of Nursing Education

Pam Ironside



Session designed to help you ...

- Identify critical questions facing the discipline in general and academic nursing specifically
- Describe ways a collaborative research network could be used to address those questions
- Identify key data elements needed to address critical questions facing academic nursing

IOM: The Future of Nursing (2011)

- Recommends a transformation of nursing education!
- Calls for ...
 - more active student learning
 - competency-based education
 - development of leaders
 - increased attention to health promotion/wellness/non-acute care
 - more interprofessional learning, teamwork & care coordination
 - better integration of educational technology
 - seamless academic progression



Challenges to Transforming

- Severe faculty shortages
- Inadequate clinical placement opportunities
- Outdated pedagogies
- Nursing education research is underdeveloped
 - Small-samples
 - Single-site studies
 - Inadequately developed & tested outcome measures
 - Limited analysis techniques

Challenges (continued)

- Commitment to evidenced-based practice, but **not** to evidenced-based nursing education!
- Lack of benchmarking opportunities for educational initiatives & outcomes!

Building a Database to Answer Pressing Education Issues

Michael Yedidia



Session designed to help you ...

- Describe how a collaborative data base can provide evidence for pedagogical decision-making
- Demonstrate how data gathering strategies and analytic processes can address pressing educational questions

Status of Nursing Education Data

- Small samples
- Single site
- Non-representative
- Cross sectional
- Inconsistent measures

Distinctive Features of NNERN Data Base

- Large and representative sample of schools
- Core of uniform questionnaire items
- Data on individual students and faculty
- Data collected annually (i.e., longitudinally)

How Those Features Allow us to Address Distinctive and Pressing Issues

- Assessment and planning
- Quality improvement
- Evaluation of innovations
- Addressing research questions and testing hypotheses with confidence in causation



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Democratizing Data Access via Web-Based Portals

Linda Flynn



Session designed to help you ...

- Explain how making data widely available via a web-based portal extends & expands the science of nursing education
- Examine potential gains & pitfalls of widely available data & the training needs required for its use

Support for a National Nursing Education Research Network

- NNERN development funded by the Robert Wood Johnson Foundation (#72566)
- NNERN endorsed by ...
 - Sigma Theta Tau International (STTI)
 - National Council of State Boards of Nursing (NCSBN)
 - National League of Nursing (NLN)



Goals of NNERN

- Develop a large nursing education data base
- Make data available for rigorous research
- Produce sound evidence
- Provide benchmarking opportunities
- Provide longitudinal data that allows schools to trend outcomes over time



Goals (continued)

- Facilitate schools' quality improvement efforts related to curriculum development, initiatives, faculty / student satisfaction....
- Prepare nursing education scholars and scientists
- Facilitate networking among nursing education scholars & scientists

Structure of NNERN

- Non-Profit / Member School Driven
- Advisory Committee
- Financed through tiered membership fees
- De-Identified data belongs to the Schools!!
- Access to data and benchmarking via an interactive portal
- Data analysis also conducted by NNERN staff



What will NNERN Do?

- Dialogue with member schools to identify key educational outcome/research questions
- Conduct annual/web-based surveys of faculty & of students at each member school
- Core Data....annual items for longitudinal analysis
- Supplemental Data.... some items for most current “hot”/emerging issues

What Else Will NNERN Do?

- Clean & de-identify the data
- Ensure each member school has access to its own data, as well as the entire de-identified data set
- Manage the technology & database
- Collaborate with member schools to produce reports, findings, & recommendations



Getting Serious about Advancing the Science of Nursing Education

Terry Valiga



Session designed to help you ...

- Identify pressing questions the discipline faces regarding how nurses are prepared for practice
- Identify the most pressing questions nursing education faces & the data needed to answer those questions

Potential Research Questions

Potential Research Questions

- What is the impact of IPE hours on students' competencies ratings on Interprofessional Collaborative Practice (AACN)? How do your school's IPE hours compare to similar schools?
- Is there a relationship between the percentage of non-acute clinical experiences & student competency ratings & employment patterns?
- Does an innovative teaching strategy, such as flipped classroom, improve student learning outcomes?
- How do your school's faculty satisfaction scores compare to similar schools? What are the key dissatisfaction factors?
- What are the predictors of faculty dissatisfaction & intent-to-leave the job?

Benefits of NNERN Membership



Benefits of Membership

- Contribute to Advancing the Science of Nursing Education through data sharing & cost-effective research
- Gain access to data quickly and for a fraction of the cost of collecting it on your own.
- Gain access to researchers & data analysts
- Track longitudinal outcomes & trends (CQI)
- Benchmark against selected types of schools on a large range of structure, process, & outcomes questions (e.g. faculty workloads & satisfaction; IPE student outcomes; use & outcomes of innovative teaching strategies)

Benefits of Membership (continued)

- Contribute to the preparation of future nursing education scientists



- Translate data into actionable information!
- Implement evidence-based initiatives / strategies to transform nursing education!

Next Steps



- Visit www.NNERN.org
- Talk to your deans about NNERN membership
- Consider participating in the pilot study
- Plan your budget to become a NNERN member school in 2016

Let's Hear from You

What are the key student & faculty outcomes that should be tracked & investigated?



Contact Us

www.nnern.org

