

The Nurse Scientist Role: New Horizons for EBP and Research

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Date: June 7, 2016



Health Care, Education and Research

Objectives

- Provide an overview of the nurse scientist role – its benefits and challenges
- Describe exemplars in EBP and Research
- Discuss organizational opportunities with the nurse scientist role

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The Academic Path

- AD in Nursing
- Bachelor of Science in Nursing
- Master of Science in Nursing
 - Or DNP
- Doctor of Philosophy
- Novel Programs
 - BSN to PhD
 - Bachelor of another degree to PhD



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So What is a Nurse Scientist?


- Discover new knowledge through an individual program of research
- Promote nurse-led research
- Promote evidence-based practice
- Mentor nurses in pursuit of EBP and research
- Disseminate research findings

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 **Billings Clinic.** **Roles**


- Chair the Nursing Research Council
 - Organize annual EBP and Research Symposium
- Attend
 - Nursing Quality Council
 - Coordinating Council
 - IRB as needed – IRB Alternate
 - Patient Services Leadership
- Expert Clinician
 - Pain Consultant
 - Palliative Care Team Symptoms Expert

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 **Billings Clinic.** **A Day in the Life**


- Mentor 2 nursing students/semester who serve as research assistants
- Design research studies collaboratively with nurses and other professionals
- Develop research protocols – working sessions
- Analyze data
- Mentor/Write and edit manuscripts
- Mentor/Prepare meeting abstracts and posters
- Assist with quality audits throughout the organization
- Review policies and procedures as needed for EBP
- Mentor internal medicine residents on EBM and oversee scholarly activity

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 **Billings Clinic.** **Benefits and Challenges**

<ul style="list-style-type: none"> • Create a culture of inquiry • Assist with Magnet journey • Role model for nurses • EBP translation • Research endeavors • College of Nursing affiliation 	<ul style="list-style-type: none"> • Pursuit of what you love • Everyone needs you organizationally – PhD • Need for a team • Loneliness of role • Need for national mentors – due to lack of mentors in MT
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 **Billings Clinic.** **Program of Research**

- To discover new knowledge about pain and symptoms with the ultimate goal of improving quality of life in patients with cancer and other chronic diseases.
- To translate pain and symptom management research into practice
 - Pain Care Quality Study
 - Survivorship Study
 - Palliative Care Story Project

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Promote Nurse-Led Research

- Active Studies – Investigator and Mentor
 - Predictors of Oversedation
 - Pain Knowledge and Attitudes
 - Carevive Care Planning System
 - Triple Chronotherapy
 - Nurse Residency
 - PACE Program
 - Bilateral Joint Replacement
 - Pebble Project



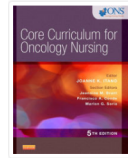
Dissemination

- Local, regional, and national meetings
 - Over 50 abstracts submitted nationally since role initiation
 - Over 30 abstracted presented via poster or podium
 - 2 podiums at Magnet 2016!

You Can Do It: Contributing to the Literature as a Clinical Staff Nurse

Amy Walton, RN, BSN, OCN, CMSRN; Leah Scaramuzza MSN, RN, BC, AOCN; Jeanette M. Bryant, PhD, APRN, AOCN, FAAN

Link	Purpose	Keys to Success
<ul style="list-style-type: none"> • Available to all • Available to all • Available to all 	<ul style="list-style-type: none"> • Provide an overview of the research study to increase understanding and interest; share what you experience • Decide when to act • Share with your colleagues to help practice or promote your ideas 	<ul style="list-style-type: none"> • Find a mentor or facilitator • Find a good problem to solve or a topic that is important to you • Develop an action plan & a timeline to follow • Practice your presentation skills • Find a good time to present & a good place • Involve department staff members in helping support



Role Description

296 *Nurses in Oncology Nursing*, Vol. 31, No. 4 (December), 2012, pp. 296-301

BRIDGING THE RESEARCH-TO-PRACTICE GAP: THE ROLE OF THE NURSE SCIENTIST

JEANETTE M. BRYANT

OBJECTIVE: To describe the emerging role of the nurse scientist in health care organizations. Historical perspectives of the role are explored along with

TABLE 2 Nurse Scientist's Examples of EBP and Research Dissemination	
EBP Project or Research Study	Dissemination
Patients and caregiver satisfaction with cancer survivorship	ONS, <i>Connections: Advancing Care Through Science</i> Product Abstract 2015*
Quality of life outcomes in breast cancer and lymphoma survivors enrolled in a survivorship program	ONS, <i>Connections: Advancing Care Through Science</i> Product Abstracts 2015*
Challenges emerging within a survivorship cancer program—challenges and opportunities	ONS, <i>Connections: Advancing Care Through Science</i> Product Abstracts 2015*
Global cancer screening in American Indians	Abstracts 2012 ONS Congress 2012*
An oncology-specific preceptor program: a path to oncology nurse knowledge, experience, and mentorship	ONS Congress 2013*
Prevention of central line-associated bloodstream infections (CLABSI): development of a nurse educational training program and assessment protocol	ONS Congress 2013*
A nurse-led symptom management clinic	ONS Congress 2014*
Success of breast cancer care for "transition" sites	ONS Congress 2014*
Discharge left the end: why is still waiting?	ONS Congress 2014*
Improving clinical education and of the EBP strategies	ONS Congress 2015*
Education: the professional educator in care planning patient presentation	ONS Congress 2015*
Empowering the people they help serve	ONS Congress 2015*
Engineering the bedside nurse: development of an end of life model	ONS Congress 2015*
Research: national outcomes research: impact beyond the walls	ONS Congress 2015*
Accounting to avoid electronic platform (ONQ)	ONS Congress 2015*
Changing central lines by addressing the right source of patient education	ONS Congress 2015*
How are health care workers to increase clinical trial participation and staff satisfaction?	ONS Congress 2015*



A Seat at the Table

- Opportunity to represent nursing nationally and globally
 - NCI Executive Committee for Palliative Care in the Middle East
 - ANA Palliative Care Steering Committee
 - Joe Biden Blue Ribbon Panel
 - Clinical Trials Working Group



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