Workforce Development to Integrate Nurse-Driven Clinical Inquiry

Kenn M. Kirksey, PhD, RN, ACNS-BC, FAAN
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Authors:

Kenn M. Kirksey, PhD, RN, ACNS-BC, FAAN
Director of Nursing Research & Sr. Nurse Scientist, Harris Health System

Loida Indefenso Bautista, BSN, RN-BC
Nurse Clinician IV, Behavioral Health, Ben Taub Hospital
Chair, Ben Taub/Quentin Mease Hospitals INSPIRE Team

Mary Laly Chacko, DNP, RN-BC, CRCST, ACE
Nursing Instructor, Harris Health System
Communication Specialist, Lyndon B. Johnson INSPIRE Team

Michelle Lincoln, BSN, RN, IBCLC, CLC
Nurse Clinician II, Women & Infant Services, Lyndon B. Johnson Hospital
Chair, Lyndon B. Johnson Hospital INSPIRE Team

Rosario Suico, MSN, RNC-OB, C-EFM
Clinical Nurse Case Manager, Ben Taub Hospital
Communication Specialist, Ben Taub/Quentin Mease Hospitals INSPIRE Team
Learner Objectives:

1) Discuss capacity building and development to enhance nurse-driven clinical inquiry
2) Delineate strategies for generating and sustaining excitement and support for nurse-led scholarship
3) Propose approaches to foster intra-disciplinary, interprofessional and multi-institutional scholarly collaboration

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Ben Taub Hospital

Ben Taub – 486 licensed bed Level I Trauma Center; staffed by physician faculty and residents from Baylor College of Medicine

Quentin Mease Hospital

QMH – 49 bed physical medicine, rehab, and geriatric facility

Lyndon B. Johnson Hospital

LBJ – 235 licensed bed Level III Trauma Center; staffed by physician faculty and residents from The University of Texas Health Science Center at Houston

Ambulatory Care Services

Over 30 health centers, school-based, same day and specialty clinics

The Center for Nursing Scholarship
Background:

- Nurses working at the point-of-care should be well-suited to:
  - pose relevant questions for clinical inquiry
  - lead or collaborate in performance improvement, research or EBP projects
  - translate data-based findings into practice
  - impact positive outcomes for patients by incorporating EBP into nursing care
Necessary Components to Facilitate Engagement of Bedside Nurses in Clinical Inquiry

Capacity Building and Development:

- **Sufficient Resources**
  - Dedicated, protected time to participate
  - Infrastructure
  - Clinical inquiry knowledge and skills
  - Leadership guidance and support
  - Financial resources
Framework:

- Conducted a comprehensive needs assessment
- Created a Nursing Scholarship Strategic Vision
- Developed two- and five-year goal statements, outcome indicators and person(s) responsible
- Foundation
- Education
- Acquisition
- Creation
- Innovation
- Translation
- Dissemination
Foundation:

- Nursing Scholarship Strategic Vision
- Clinical Inquiry Review Panel
- Nursing Scholarship Advisory Board – opportunities for multi-institutional and interprofessional scientific partnerships
- INSPIRE Teams
Innovations in Nursing Scholarship, Performance Improvement, Research & Evidence-based practice
Purpose Statement:

The INSPIRE Teams were formed in partnership with the Center for Nursing Scholarship to facilitate personal and professional growth of nurses and other healthcare providers by imbuing them with spirits of inquiry and providing the knowledge, skills, confidence and opportunity to successfully engage in clinical scholarship.
Education:

- Evidence-based Practice
- Research
- Writing Workshop Series
- Nursing Research Grand Rounds
- INSPIRE Nursing Symposium
Acquisition:

- **Nursing Reference Center Plus** – evidence-based point-of-care resource to quickly answer nurses’ clinical questions (e.g., videos, images, care plans, nursing management topics, continuing education modules)

- **Houston Academy of Medicine – Texas Medical Center Library** – PubMed, CINAHL, Scopus, eBooks, Research Guides, etc
Creation:

- Clinical inquiry priorities requiring scholarship-driven solutions modeled after NINR foci:
  - Symptom management
  - Health promotion & disease prevention
  - Quality of life
  - Health disparities
  - End-of-life
- Institutional Review Board
- 19 nurse-led research studies completed or in process
Innovation:

- **INSPIRE News** – monthly publication produced by the Center for Nursing Scholarship – since November 2015
- Over 50 editorial pieces contributed by Harris Health System nurses (many of them members of the INSPIRE Teams)
- System-wide Innovation Network
Translation:

- Transitioned from modified Iowa Model to Johns Hopkins Nursing Evidence-Based Practice Model

- Cornerstones:
  - Research, Education, Practice

- Clinical decisions based upon:
  - Data-based evidence (gold standard)
  - Program evaluations, QI data, Clinical guidelines, Recommendations from professional organizations
  - Clinician judgment, expert opinion, patient experience/preferences
Dissemination: 2012-Present


- Twenty-six podium presentations (regional, national and international conferences)

- Forty-one poster presentations (regional, national and international conferences)
2017 INSPIRE
Leadership Team
Questions?

Kenn M. Kirksey, PhD, RN, ACNS-BC, FAAN

Kenn.Kirksey@harrishealth.org