

**Leadership in HIT**  
Doctorate of Nursing Practice Conference  
September 25, 2013  
Susan K Newbold, PhD RN-BC FAAN FHIMSS

- Session Objectives
  - Explore opportunities for DNP nurses to collaborate with other professionals for the purpose of integrating technology into the workplace.
  - Describe how DNP education prepares nurses for leadership roles related to informatics in any setting
  - Identify barriers to the use of informatics in healthcare and develop innovative strategies for improving care using health information technology.
  - Determine Health Information Technology Competencies for the DNP Graduate.
- Introductions
- Outline
  - Health Information Technology
  - Nursing Informatics Defined
  - HITECH and Information Technology
  - DNP Leadership Roles with HIT
  - Health Informatics Competencies for the DNP
- Health Information Technology (HIT)
  - ANA Definition of NI
  - Affordable Care Act (ACA)
- A role for each of us – Health Insurance Exchange
- Understanding of the ACA
- HIE – Two Meanings
- HealthIT.gov
- Areas for Research
  - Automated methods of clinical guideline implementation
  - Global Health Informatics
  - Human Computer Interaction
  - Knowledge Representation
  - Patient Safety
  - Data Format Standards
  - Workflow and HIT
  - Clinical Decision Support
  - Informatics Education
- DNP HIT Competencies

Use information technology and research methods appropriately to:

- collect appropriate and accurate data to generate evidence for nursing practice
- inform and guide the design of databases that generate meaningful evidence for nursing practice
- analyze data from practice
- design evidence-based interventions
- predict and analyze outcomes
- examine patterns of behavior and outcomes

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- identify gaps in evidence for practice
- Technology
- Electronic Health Records
- Telehealth
- Social Networking
- Distributed e-Learning
- Personal Health Records
- Social Technologies
  - Which Social Technologies do you use for Health?
  - Could change relationship as provider not the only knowledgeable one
- Communication Technologies Collaborative Tools
  - Sharepoint
  - WebEx, Crossloop
  - Skype
  - Wiki
  - Blogs
  - Social Media-Changing Communication
  - Web-based and mobile technologies for interactive discussions
  - Based on Web2.0
  - Collaborative projects, blogs-Wikipedia, Twitter
- Content communities YouTube
  - Social networking sites-Facebook, games, virtual social worlds
  - Blogs, picture-sharing, wall postings, email, instant messaging, music sharing, crowdsourcing, voice over internet protocol
  - IT Tools
    - Google Forms
    - Google Groups
    - Survey Monkey
    - RSS Feeds
    - Skype
    - Direct Messaging – HIE
    - Dropbox
    - E-portfolios
    - Twitter
    - LinkedIn
    - FaceBook
    - You Tube
    - Doodle
    - Prezi
    - Mendeley
  - Resources for Keeping Up with HIT
  - iHealthBeat by California Health Foundation
  - Leadership in Health Information Technology for Health Professionals Certificate (Univ of MN)
  - Nursing Informatics Boot Camp

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- Education
- What have you found to be helpful?
- ANA SmartBrief-Trends & Technologies
- Research in Health IT
- Doctors Say Health IT Will Improve Care, Increase Costs
- Exercise
- Health care problem – technology solution
  - Ie) Journal Club – online!
- Patient Engagement
  - Patient Portal
  - Patient Sept 16 ONC conference
  - Portal
  - Why are patient portals a Meaningful Use Criteria?
  - Who is currently using a patient portal and why?
  - Sample – Vanderbilt with instructions on YouTube
- Leadership by Murphy & Alexander
  - Industry & National Imperatives
  - Involvement of Nurse Leaders – policy/standards
  - Nurse Leader Development Programs
  - Academic Programs
  - Informatics Competencies
  - AONE Technology Task Force
- Exercise:
- What Would You Select as Priorities for HIT in your environment?
- To 10 Health Industry Issues (Pricewaterhouse Coopers' Health Research Institute, 2013 )
- FDA Issues Final Medical App Guidance
- What Apps Do You Recommend?
- Tips and Techniques for HIT
- What do you have to share?
- Global HIT
- Telehealth
- mHealth
- Prescription Database
- The Nursing Role in Health IT-Enabled Care Delivery
- Team based approach
- Nursing Involvement
- Develop skills
- Declining in graduate NI training programs.
- AMIA 10 x 10
- TIGER
- National League for Nursing (NLN)
- What Can I Do To Improve My Practice Using HIT?
- References

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