

Update: NI Scope and Standards of Practice, Competencies, and Certification

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Abstract. The new 2015 ANA Nursing Informatics: Scope and Standards of Practice, Second Edition, includes a slightly revised definition of nursing informatics, totally revised scope of practice statement, and updated standards and accompanying competencies. The competencies are now leveled for informatics nurses and informatics nurse specialists. This professional resource informs practice, education, research, administration, and the certification process. The presenters will provide details about the development of the latest NI scope and standards of practice and the contemporary ANCC certification process to stimulate group discussion and promote development of a personal action plan to integrate such content into nursing and informatics practice. The target audience includes all registered nurses, informatics nurses, informatics nurse specialists, faculty, and administrators.

Keywords. Nursing informatics, scope and standards of practice, certification

1. Panelists

Carol J. BICKFORD, American Nurses Association, carol.bickford@ana.org. Dr. Carol Bickford completed a 22 year US Navy Nurse Corps career, completed her doctorate in nursing informatics, and has served as an American Nurses Association senior policy fellow/advisor for over 18 years. She has published both nationally and internationally. Dr. Bickford was one of the creators of the Weekend/Weekday Immersion in Nursing Informatics (WINI) and continues in her faculty role for this innovative and very successful continuing education program that builds on the framework of the nursing informatics scope and standards of practice.

Nadia SULTANA, New York University (NYU) College of Nursing, ns56@nyu.edu. Dr. Nadia Sultana, is a Clinical Assistant Professor and Program Director for the Nursing Informatics Master's and Advanced Certificate Programs at the NYU College of Nursing. Before joining the NYU College of Nursing as the Program Director, she was an adjunct professor and she worked in the healthcare information technology department in both the private and public sector. Dr. Sultana has more than twenty-five years of experience developing, implementing and supporting financial and clinical information systems in a variety of health care delivery settings including Correctional Health. Recently, Dr. Sultana served as a member of the ANA workgroup to revise the nursing informatics scope and standards of practice.

Luann WHITTENBURG, Medicomp, lwhittenburg@medicomp.com. Dr. Luann Whittenburg is Chief Nursing Informatics Officer at a major international clinical

information company preparing the future vision of nursing information technology. Dr. Whittenburg uses her clinical commitment to nursing to promote the inclusion of nursing practice data in legislated EHR systems while serving on national and international healthcare data standards committees, including the International Organization for Standardization (ISO) and federal committees established by the US Department of Health and Human Services. Dr. Whittenburg is involved in several NI organizations, authored numerous papers for national and international NI conferences and contributed several chapters in NI textbooks.

2. Workshop Format.

This workshop will begin with welcome announcements and introductions of presenters and participants, each of whom will identify personal goals targeted for completion upon return to home.

During the presentation about the development the 2015 edition, workshop participants will have ample opportunity to engage in discussion about the selection of the scope and standards revision workgroup members, the thoughtful and deliberative work process, and decisions about the need for revisions of the definition of nursing informatics. The workgroup's new definition received minimal comment during the public comment period and was finalized as:

Nursing informatics (NI) is the specialty that integrates nursing science with multiple information and analytical sciences* to identify, define, manage, and communicate data, information, knowledge, and wisdom in nursing practice. NI supports nurses, consumers, patients, the interprofessional healthcare team, and other stakeholders in their decision-making in all roles and settings to achieve desired outcomes. This support is accomplished through the use of information structures, information processes, and information technology. [1]

Discussion of the scope of practice statement will address several models depicting the integration of data, information, knowledge, and wisdom as core components of nursing informatics practice. Because of the significant diversity of NI practice roles, the scope statement construction included detailing of functional areas of practice of the informatics nurse and informatics nurse specialist. Participants will be invited to identify opportunities for further career development in such functional areas. Similarly, examination of ethical issues and requisite informatics competencies for all registered nurses and competencies for informatics nurses and informatics specialists will set the stage for a discussion of the standards of practice and professional performance and the accompanying competency statements.

The final segment of the workshop will address the American Nurses Credentialing Center (ANCC) specialty certification in nursing informatics. This certification became available in 1995 and has now been expanded to include acceptance of international applicants. The presenters will provide details about the most recent role delineation study informing development of the current test form and content outline, as well as the application process. Again, extensive opportunities for questions and discussion are included.

References.

- [1] American Nurses Association. (2015). *Nursing Informatics: Scope and Standards of Practice, Second Edition*. Silver Spring, MD: Nursesbooks.org.