ANI Innovator Profile

Center for Nursing Classification and Clinical Effectiveness (CNC)
Interview with Sue Moorhead Ph.D., RN
Director of the Center for Nursing Classification and Clinical Effectiveness
http://www.nursing.uiowa.edu/center-for-nursing-classification-and-clinical-effectiveness

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The Alliance for Nursing Informatics (ANI) is a collaboration of organizations that represents more than 5,000 nurse informaticists and brings together 30 distinct nursing informatics groups globally.

Mission: To advance NI leadership, practice, education, policy and research through a unified voice of nursing informatics organizations

Vision: Transform health and health care through nursing informatics and innovation

ANI Innovator Profiles Program
The purpose of this program is to capture an ANI Innovator Profile for each ANI member organization to increase awareness and visibility, and to describe their contribution towards a unified voice for nursing informatics.

ANI Innovator Profile – CNC
The Center for Nursing Classification and Clinical Effectiveness (CNC), an Iowa Board of Regents-approved Center, was established in 1995 to facilitate the ongoing research and development of the Nursing Interventions Classification (NIC) and the Nursing Outcomes Classification (NOC). NIC and NOC are standardized nursing terminologies focused on nursing treatments and patient outcomes for use across settings and specialties in any health care setting.

The major purposes of the Center are to:
- Conduct the review processes and procedures for expanding and updating the Classifications
- Develop and publish linkages to other Classifications such as NANDA International
- Provide terminologies and coding systems for global use in electronic health records
- Produce and disseminate materials related to the Classifications
- Provide research and educational opportunities for students, faculty, fellows and visiting professors
- Provide consultation for implementation and use of the Classifications in clinical practice and educational settings
- Assist faculty and students with projects and research using the Classifications
- Work collaboratively with NANDA International to provide content for nursing practice

CNC Interview with Sue Moorhead:

1. **What is the primary mission of CNC?**
   In 1995 the Iowa Board of Regents approved The Center for Nursing Classification and Clinical Effectiveness (CNC) at the Regents College of Nursing. We founded the Center to facilitate the ongoing research and development of the Nursing Interventions Classification (NIC) and the Nursing Outcomes Classification (NOC) and maintain them over time. We funded NIC and NOC through the publishing and licensing of NIC and NOC in electronic health records. So much of our work is focused on the upkeep of those classifications and how we can influence the development of electronic health records that have quality nursing data in which to do quality improvement and evidence-based practices in the future.

2. **How many members do you currently have?**
   We are an associate member of ANI because we don't have an organization of members that pay dues. We have a group called the Fellows of the Center and we use their expertise in the development of the classification and serving expert review needs. We also have students and visiting professors that work with us and they become the "members" of the organization.

3. **What projects is CNC working on to advance informatics and innovation in healthcare?**
   First, we work with vendors to preview their products and see how they can better improve the use of nursing terminology in electronic health records and see the products they are preparing. Second we work with NANDA International, we have an alliance with them under an umbrella organization, looking at refining NANDA and NOC so they better mirror each other for use in practice.

4. **What value do you see in CNC being an ANI member?**
   ANI is a great place for us to see what is cutting edge in informatics. We align with informatics even if we are not really experts in that field, so it lets us see what the experts are saying and what the political issues are and participate as we can. Most of our fellows are more IT focused so they get information from ANI on informatics which is very helpful.

5. **In what way(s) is CNC supporting ANI Initiatives e.g. the ANI Consumer Pledge, ANI Comments & Testimony, the Emerging Leader Program, etc.?**
   This is something we strive to do. We look at the comments and testimony and like to see where we can contribute. The Emerging Leader program would be something we would like to integrate with more, sharing their work and ours. We are looking at these programs to see how we can support ANI more in this parallel role. There may be initiatives in the future that fit our expertise and I see that as a great possibility.

6. **What is CNC's vision for the future of nursing informatics?**
   I think it's essential that the bedside nurse knows the importance of nursing informatics and we have worked hard to get that into our curriculum. Also it's important that we balance the need for content and knowledge development on both the development of terminology and the informatics use of that. I think it's a joint partnership more and more. As we get electronic data

we will see those roles merging and we will have the data to really show good evidence for practices that we are currently doing based on tradition. The Nursing Interventions Classification is going to have to deal with updating their revisions to NIC with evidence-based literature to help support the activities they recommend for nursing practice.

Biography for Sue Moorhead

Sue Moorhead Ph.D., RN is an Associate Professor, Director of the Center for Nursing Classification and Clinical Effectiveness, and Director of the PhD Program at the University of Iowa. She received her undergraduate degree from the University of Maryland through the Walter Reed Army Institute of Nursing (WRAIN) and was commissioned a 1st Lieutenant in the Army Nurse Corps after receiving her BSN. She served on active duty for 7 years prior to returning to Iowa. She received her Master's and Doctoral degrees from the University of Iowa. She has been an educator for over 30 years. Her research focuses on the development and implementation of standardized nursing terminologies and effectiveness research. She is the lead editor of the Nursing Outcomes Classification (NOC). The five editions of NOC and the linkages of NANDA International, NIC and NOC have 26 translations to date in 9 different languages. She has published 11 books and 49 articles and book chapters. Her teaching focuses on leadership and administration in the Doctoral Program as well as standardized nursing terminologies. She retired from the Army Nurse Corps as a Colonel after 27 years of active and reserve service in 1997. She is a fellow of the Center for Nursing Classification and Clinical Effectiveness and NANDA International.

Recorded: April 26, 2013
For the full interview recording you can click here or visit http://www.allianceni.org/members.asp