

American Association of Colleges of Nursing Enhancing Nursing Science and Improving Patient Care through Big Data: PhD-DNP

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University of Iowa College of Nursing

- ▶ A research extensive university
- ▶ 11 colleges, 5 health science colleges
- ▶ Founded 1847; BSN 1949
- ▶ Academic Programs:
 - BSN, RN-BSN, MSN-CNL
 - DNP for ~ 9 years
 - PhD for ~ 25 years



University of Iowa College of Nursing

- ▶ DNP Programs
 - PNP, NNP, FNP, A/GNP, PsychNP, CRNA
- ▶ Student Numbers
 - BSN + RN-BSN=475; MSN-CNL=~40
 - DNP=~220; PhD ~40
 - Total=~750-800
- ▶ Faculty
 - PhD Tenure Track=~32
 - DNP Clinical Track=~ 22
 - Lecturers=~20
 - Total=~74



College of Nursing and University of Iowa Hospitals & Clinics: A Strong Partnership

- ▶ Began with research in 1989
- ▶ Expanded to include education, practice and informatics
- ▶ 2014 AACN Academic-Practice Partnership Award
- ▶ Joint hire in 2015 of a PhD prepared staff member in Health Informatics
 - Facilitate Epic (medical record) access
 - Support telehealth and mobile app development for research

PhD/DNP OR Tenure Track/Clinical Track

- ▶ Team Science: Expertise not degrees
- ▶ **Foundation:**
 - Define effort allocation for each track/individual
 - Define scholarship and scholarship expectations for each track
 - These differ among colleges/schools of nursing

PhD/DNP OR Tenure Track/Clinical Track

- ▶ **Support for Scholarship (both tracks)**
 - Writing group for CT (emeriti leader)
 - Name of office changed to:
 - Office of Nursing and Scholarship
 - Range of services provided, such as support for developing manuscripts and posters
 - Scholarly Interest Groups, all faculty, grad students and

PhD/DNP
OR Tenure Track/Clinical Track

▶ **Support for Scholarship (both tracks)**

- Mentoring Plans for CT and TT faculty
- Research lunches now Scholarship Lunches
- “Speed Dating” targeted to learning about others scholarship
- TT and CT partnering to develop HRSA training grants

PhD/DNP
OR Tenure Track/Clinical Track

Example of Partnership

- Lisa Segre, PhD, TT faculty, research on postpartum depression
- Rebecca Siewert, DNP, CT faculty, director of neonatal nurse practitioner (NNP) program
- Have program of research on post partum depression in mothers with infants in the NICU

PhD/DNP
OR Tenure Track/Clinical Track

Example of Partnership

- DNP Projects were all being reviewed by IRB, even though they were QI and EBP
- Team of TT and CT faculty partnered with IRB to develop a facilitative approach, including developing Human Subjects Research Determination (HSRD) Form
- Foote, J., Williams, J., Conly, V., Countryman, M., & McCarthy, A.M. (2015). Academic and Institutional Review Board collaboration to ensure ethical conduct of DNP Projects. *Journal of Nursing Education, 54*(7), 372-377. doi: 10.3928/01484834-20150617-03

PhD/DNP
OR Tenure Track/Clinical Track

Example of Partnership

- ▶ Faculty partnership (PhD) with UIHC (medical center) nursing colleagues, DNP's and staff nurses
- ▶ Goal: obtain a year of data from PICU on pain management
- ▶ Worked with our Health Informatics staff member and our CTSA to obtain data and to develop a process for accessing epic data for nursing research, QI and EBP