



### BSN and MSN to DNP Students: "Apples and Oranges"

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### Background

- Private University 15 miles from Pittsburgh
- School of Nursing opened 2003
- BSN-DNP and MSN-DNP approved 2006
- Graduated 1<sup>st</sup> cohort MSN-DNP December 2009
- Will graduate 1<sup>st</sup> cohort BSN-DNP May 2011



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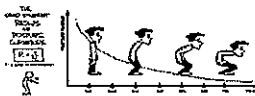
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### BSN-DNP

- Three specialty tracks
  - FNP
  - ANP
  - Psych Mental Health
- Credits and Clinical Hours
  - 80-86 credits
  - 1200-1368 clinical hours FNP
- CCNE Accreditation for 5 years (2010)



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### Strengths

- New program-not "retro-fitted" from MSN program
- Based on IOM, AACN and NONPF guidelines
- Curriculum developed by doctorally prepared, experienced NP faculty
  - Four faculty CCNE site visitors
- Administrative support for workload
  - Double credits for doctoral courses
  - Financial compensation for Capstone advisors
  - New faculty added each year
    - Hiring limited to doctorally prepared NPs

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### Challenges

- Workload
  - All new courses
  - All new NP faculty
  - Small faculty (n=12)
- Concurrent curriculum planning, assessment, evaluation, revision
- Need for new and/or revised policies
- HYBRID TREE: faculty with both clinical and research expertise

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### MSN-DNP: Oranges



- Characteristics
  - Practicing NP's, CRNA's, CNS's, CNM's
  - Geographic and culturally diverse
  - Highly experienced, skilled in specialties
  - Leaders in their clinical specialties and in national/local organizations
  - All required to have current National Certification in specialty
  - FEW have been involved in research, academic careers-diverse research and writing skills
  - New to on-line education

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### MSN-DNP Curriculum

- Capstone project built into sequential courses
  - Capstone Timeline
  - Emphasis on LITERATURE REVIEW in first year
- Students may not have used EBP in their clinical practice settings
- Need to create a *culture of clinical scholarship*



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### Resources

- Writing workshops
- Editorial support
- Statistical support
- Faculty : student ratio= 1:15 for intensive writing courses
- Expert part time faculty for health policy, health economics, epidemiology, informatics

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### Teaching/Learning

- Executive format : 1 week/term residency
- Courses front loaded and then assignments on-line
- Labor intensive faculty feedback on-line and by phone
- Strong sense of cohort identity to facilitate scholarly dialogue

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### Capstone Project Examples

- "The effect of an education program, delivered by DVD, on decreasing catheter-related bloodstream infections in children with short bowel syndrome"  
– Danielle Sebbens, DNP, PNP-C
- "A program to increase primary care nurse practitioner knowledge and skills in the assessment and management of attention deficit hyperactivity disorder, and mild to moderate anxiety and depression in children"  
– Susan Van Cleve, DNP, PNP-C, Sheree Shaffer, DNP, FNP-C

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### Capstone Project Examples

- Statin Prescribing and Intensification Patterns in Patients with Diabetes Mellitus in the Veterans Healthcare System: A Clinical Description of Nurse Practitioner and Physician Practice  
– Michelle A. Lucartorto, RN, FNP-BC, DNP
- Stretching to prevent work-related musculoskeletal injuries: an approach to workplace wellness  
– Rosanna Gartley, DNP, FNP-BC

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### Outcome Measures

- Publications
- Grants
- Faculty positions
- Job advancement
- Post graduate research trajectories
- Leadership positions

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### BSN-DNP: Apples

• **Characteristics**

- "some green"
- enter program with 1-2 years RN practice
- all "A" students (*as per student*)
- Developmental diversity
- Professional attitude and behavior
- Most savvy with internet and technology
- Culturally diverse
- Recent research course

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### BSN-DNP Curriculum: **Constructing** the Foundation of NP Practice

- Increased NP responsibility, accountability, and LIABILITY
- Emphasis on evidence-based clinical decisions
- Expanded clinical preceptor hours
- Applied research skills
- Diagnostic and management competencies for direct patient care

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### Resources

- Faculty development to raise course content to the doctoral level
- Clinical site development
  - Partnerships with local health systems for both clinical practice and capstone projects
  - Preceptor orientation and site visits
- Development of preceptor support for doctoral NP practice

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### Teaching-Learning

- Simulation scenarios (RISE Center)
- Global perspective from international experiences
- Integrating evidence into all clinical courses with EBP assignments
- Concurrent clinical and doctoral research course from year 2

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### BSN-DNP Capstone Project Examples

- Quality Improvement Projects
  - “Use of a written visit summary form during adult primary care office visits”
    - Meagan Concannon, DNP-c, RN
- Application of EBP
  - “Appropriate use criteria for spect myocardial perfusion imaging: An epidemiological retrospective review in a community-based hospital”
    - Jennifer Keeley, DNP-c, RN

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### Outcome Measures

- National certification exam pass rates
  - 100%
- Publications
  - Clinical and research
- Employment
- Yearly and end of program Satisfaction Surveys
  - Focus groups

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### Student Satisfaction...and EVIDENCE of Clinical Scholarship

- "Going for the DNP was one of the best professional decision I could have made. It really has put me on the same level as other "doctors" that I work with (both physicians and non-physicians). It has exposed me to so many professional growth opportunities/situations. A Master's student from Univ. of Southern Florida is using my tool now to complete her thesis work (she saw my study on Medscape). In fact, her advisor contacted one of the deans at Hopkins School of Nursing to contact me to ask if I would share the questionnaire. Our PharmD comes to me for mentoring with research projects, poster presentations, grant writing etc., which, I might add, I actually was able to help her with! My husband (an MD) comes to me for help with database searches for his work (anesthesiology). Too funny! I even wrote a chapter in a book put out by Hopkins. It came out in December 2010.

— Madeline Binner, DNP, CRNP-BC

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### Questions?????



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