

Preparing Primary Care APRNs in DNP Programs to Improve the Health of the Nation

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Background

IOM Report (March, 2012)

Primary Care & Public Health: Exploring Integration to Improve Population Health

- Report Findings
 - Necessary to improve outcomes & nation's health, reduce costs
 - Core Principles
- Move from silos toward integration
 - Mutual awareness → Cooperation → Collaboration → Partnership

Background

APRNs

- APRN role in meeting HP 2020 goals
- Current emphasis on increasing Primary Care APRNs
 - Increases access to care
 - Critical in medically underserved communities
- Primary Care APRN education
 - Focused on direct care, specialty focus
 - Basic public health content: epidemiology, policy, social determinants of health
 - Insufficient to develop population-focused strategies
 - Need for enhanced public health content

Rush Approach

The Challenge: Integrating Primary Care & Public Health at Rush

- History at MSN level
 - Advanced Public Health Nursing (APHN)
 - Family Nurse Practitioner
- Move to DNP
 - Opportunity to enhance integration
 - Program length challenge
 - Conceptualizing capstone project

Rush Curricula Examples

DNP Programs of Study with Public Health

- BSN to DNP for Primary Care NPs
 - Program focus for FNPs
- Post MSN Enhancing Population Health Outcomes
 - Program focus
- BSN to DNP for APHN
 - Program focus

DNP Program of Study

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Graduate Core

- Organizations & Systems
- Research
- Epidemiology & Biostats
- *Health Promotion*

APN Core

- '3Ps'
- APRN role

DNP Core

- Leadership for Change
- Healthcare Economics, Policy
- *Effective Project Planning*
- DNP Project Planning
- Capstone Project

Specialty Content

Practicum/Residency

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DNP Program of Study

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BSN-DNP FNP

Post-MSN Enhancing Population Health Outcomes DNP

Substitute Core Courses → Public Health Courses

- Health Promotion
- Effective Project Planning
- Population Health Assessment & Health Promotion Frameworks
- Population Intervention Planning, Implementation and Evaluation

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Course Content

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Population Health Assessment & Health Promotion Frameworks

- Public Health core concepts
- National health planning; advanced roles in health planning
- Population, cultural, org assessment models
- Data collection methods & sources, info systems, health indicators
- Population level analysis, application of epi models
- Data synthesis, problem identification, validation, prioritizing
- **Problem statement**
- Health promotion theories
- Application of models to population level interventions

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Course Content

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Population Health Intervention Planning, Implementation and Evaluation

- Approaches for sustainable programs, collaboration, leadership
- Planning models, measurable objectives
- Interventions, conceptual & evidence based approaches
- Methods & strategies for culturally tailored programs/interventions
- Program budgeting, methods of control
- Grantmanship, funding process, resources
- Implementation strategies, management
- Program evaluation: frameworks, design, measures & measurement, data collection & analysis, reporting

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DNP Capstone Project

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Site Selection

- **Advisor and DNP Student**
- **Agency Partnerships**
- **Identification of Department Foci/Expertise**
- **Use of Adjunct Faculty**

DNP Project Examples

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Examples: Communities/Populations Served

- Pregnant/parenting teens - SBHC
- Pregnant/parenting women -substance abuse program
- Low income food service workers – employee health setting
- High risk adolescents – SBHC
- Latinas - domestic violence shelter

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DNP Project Examples

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Project Focus

- Peer support for breastfeeding
- Mammogram screening
- Violence prevention: school, worksetting
- Workplace injury prevention

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Course Assignments

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- Data Collection & Analysis Plan
 - Target population
 - Model driven plan
 - Data sources & qualitative/quantitative methods
 - Data comparisons, benchmarks
- Population Assessment Report
 - Analysis of findings, with literature review
 - Problem identification, data supported
 - Stakeholder validation plan

Course Assignments

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- Program Plan Part 1
 - **Problem statement**, data & literature support, guiding model
 - Program goals, measurable objectives
 - Intervention plan with methods/timeline, evidential support, budget, tailored to population
- Program Plan Part 2
 - Evaluation framework, questions and methods
- Program Plan Part 3
 - **Written Proposal**

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Lessons Learned

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- Reinforced prior experience leadership DNP
 - Critical need for evidence to support assumed need/problem
- Advance work
 - Advisor development, communication
 - Agency selection, buy-in, stakeholders
 - Identification of population, problem focus

Lessons Learned

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- Use of planning/assessment framework to guide process
- Faculty effort related to
 - Partnering with population and community members
 - Appropriate project and scope for APRN role
- Student concern - time involvement
 - Project planning time versus implementation effort
 - Allocation of practicum hours

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Outcomes to Date

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- Current Projects/Foci
- Student Feedback – course evaluations
- Faculty Comments on the Process

Next Steps

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- Exploration with other primary care specialties focused on vulnerable populations: PNP, PMHNP, AGNP
- Comparing DNP project experiences
 - Student preparation for DNP Project Planning courses, project implementation
 - Quality of projects
- Graduate outcomes data

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Ultimate IOM Goal

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