Rural Curriculum Development
Beyond the Snapshots of Paradise

Objective:
• Demonstrate the implementation of a rural health care curriculum focus for a DNP program in rural Hawai‘i.
  — Rural Hawai‘i
  — Health Care in Hawai‘i
  — Curriculum Emphasis
    • Mission & Goals of DNP Program
    • Meeting DNP Essentials
    • Meeting Program Learning Outcomes
    • Meeting Course Objectives
    • Meeting Needs of the Community of Interest

Hawai‘i “The Big Island”
Aka: County of Hawai‘i
Square Miles: 4,028
200 Air Miles from Honolulu
Population: 189,000 (45/mile)
Caucasian alone 30%
Hawaiian/mixed Polynesian 12%
Asian alone 22%
Two or more races 29%
Others 7% (Hispanic, African or Native American, Alaskan Native)
Education
High School 90%
College 25%
Median House value: $326,900
Living in same home >1 yr. 86%
Median Incomes
Per capita $24,882
Household $52,098

Health Care in Rural Hawai‘i
• Rural & isolated environment
• Accessibility & availability major issues
• Health Disparities
• Shortage of PCPs
• Limited Medical Specialists
• Critical Access Hospitals
• Limited Trauma Care
University of Hawai‘i at Hilo

- Location & Size
  - Hilo, Hawai‘i
  - Student Body: ~4,000
  - Programs: 46 BS/BA; 7 Master’s; 4 Doctoral
- UHH Mission & Strategic Plan
  - "Kine kea loa ‘ia mai ko ‘ia aku‘ia ho‘ohuli" (One learns from many sources)
  - Goal 5: Strengthen UH Hilo’s impact on the community, island and state of Hawai‘i through responsive higher education, community partnerships, and knowledge and technology transfer

- DNP Program
  - Approved 2011
  - Cohort 1 admitted August 2012
  - Total Students 22

DNP Program Learning Outcomes

1. Synthesize theoretical knowledge and research evidence in designing primary care delivery for diverse populations across the lifespan in rural contexts.
2. Collaborate with multidisciplinary professionals, multisectoral agencies and lay communities to influence social and health policies impacting rural population health.
3. Assume leadership role in organizational systems to improve rural population health in local and regional communities.
4. Promote adherence to professional and ethical–legal standards of practice by individual professionals and organizations.
5. Integrate cultural competence and social justice in addressing health disparities in rural populations.
6. Examine research evidence in design and implementation and evaluation of policies and programs for population health in rural communities.
7. Use best practices and technology to improve care delivery for diverse individuals, families and communities within the continuum of primary, secondary and tertiary care.
8. Create educational programs to develop culturally competent practice and education of the nursing workforce.
9. Design educational programs and evaluation programs to enhance rural community empowerment for health.

University of Hawai‘i Hilo
School of Nursing

- DNP Curriculum Development
  - Rural Health Promotion
  - Transcultural Care
    - NURS 601 Social Determinants of Health
    - NURS 606 Rural Health Promotion
    - NURS 606L Rural Health Promotion Lab
    - NURS 607-NURS 610 Population Based Lab Courses
    - NURS 613 Program Development & Evaluation
    - NURS 615 Health Policy Local to Global
    - NURS 617 Practice Inquiry Project

Community Engagement in DNP Program

- Meetings with Kapuna
- Community assessments
  - Hawai‘i Elders
- School Based Clinics
- Health Screening
  - Mayor’s Fitness Challenge
  - Laupōhohoe Community
- Advisory Board Member
  - "Nurse Management Clinics" in grocery stores
- Health Career Development (Teen Camp)
  - Growing our own

DNP Program Engagement

- Communities of Interest
  - Hawai‘i (Northwest Hawai‘i)
    - Working with Elders
    - Native Hawaiian Children’s program
  - Laupōhohoe (Northeast Hawai‘i)
    - Health Screening
  - Waianae (West Coast Oahu)
    - Health Screening
  - Kaumakapili

Course Assignments

<table>
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<tr>
<th>Course</th>
<th>Assignment</th>
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<tbody>
<tr>
<td>NURS 601 Social Determinants of Health</td>
<td>Health Disparity Paper</td>
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<tr>
<td>NURS 606 Rural Health Promotion</td>
<td>Community assessment Community Newsletter</td>
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<tr>
<td>NURS 606 Rural Health Promotion Lab</td>
<td>Newspaper article Health Screening</td>
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<tr>
<td>NURS 607 Primary Care of Adults</td>
<td>Rural Teaching Module for RNs</td>
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<td>NURS 613 Program Development &amp; Evaluation</td>
<td>Program Development project Quality Development Workshop</td>
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<td>NURS 615 Health Policy Local to Global</td>
<td>State Legislators' Office</td>
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<tr>
<td>NURS 617 Practice Inquiry Project</td>
<td>Practice Inquiry Project</td>
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DNP Essentials | Practice Portfolio
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Scientific Underpinnings for Practice | Health Disparities Paper
Organizational and Systems Leadership for Quality Improvement and Systems Thinking | Quality Workshop
Clinical Scholarship and Analytical Methods for Evidence-Based Practice | Community Participatory Research
Information Systems/Technology and Patient Care Technology for the Improvement and Transformation of Health Care | Health Literacy Newspaper Column Community Newsletters
Health Care Policy for Advocacy in Health Care | Practice Hours with Legislator
Interprofessional Collaboration for Improving Patient and Population Health Outcomes | School Based Clinic Consortium
Clinical Prevention and Population Health for Improving the Nation’s Health | Community Health Screening
Advanced Nursing Practice | Clinical Courses

Application of Rural Health Focus

Community of Interest
- Know the Leaders or Elders of the community
- Ask them what they need
- Cultural Health Care Practices

Curriculum
- Selection of course assignments that met needs of the community
  - Community Assessments
  - Health Literacy
  - Health Screening
  - Newsletters
  - RN Rural Education
  - Legislators’ offices
- Transcultural Symposium
- Practice Portfolios
  - Meeting the DNP Essentials

Rural Hawai’i Tradition & Technology