

North Dakota Master of Public Health

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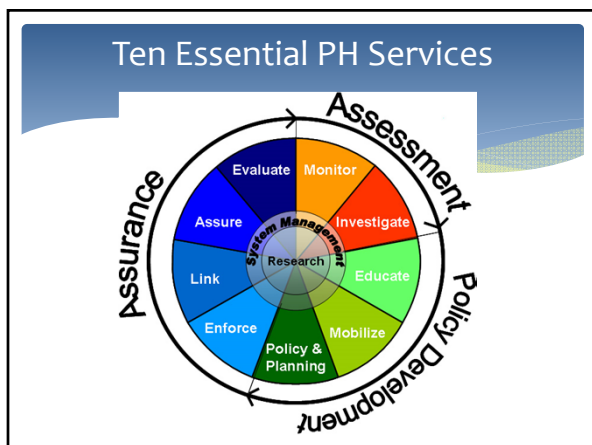




MPH Program Overview




- * Ten Essential Services in Public Health
- * Mission and Vision
- * Structure NDSU – UND
- * Specialization Tracks
- * Research Opportunities
- * Q & A






Mission and Vision

- * **Mission:** Provide a comprehensive set of educational and training opportunities for public health practitioners in the Northern Great Plains. We strive to balance the need for rigorous, scientific academic training with the practical, diverse needs of public health providers and the communities they serve.

Mission and Vision

- * **Vision:** ND MPH will be a premier source of education and training for public health practitioners working with rural and American Indian populations.

North Dakota MPH Program

- * Coordinated program with North Dakota State University College of Pharmacy, Nursing, and Allied Sciences & University of North Dakota School of Medicine and Health Sciences
- * Cohort 1 has completed Core Courses
- * More than 20 students have completed Year 1
- * Currently finalizing applications for Cohort 2 to begin in Fall Semester 2013





Core Coursework

CEPH Core Area	Course	Credit Hours
Biostatistics	MPH 5/731: Biostatistics	3
Epidemiology	MPH 5/751: Epidemiology	3
Environmental Health	MPH 5/720: Environmental Health for Public Health Professionals	3
Social and Behavioral Sciences	MPH 5/741: Social and Behavioral Sciences in Public Health	3
Health Services Administration	MPH 5/710: Health Care Delivery in the U.S.	3
	MPH 5/704: Leading and Managing Public Health Systems	3
Total Core Credit Hours		18

Practical & Culminating Experiences

- * **Practicum (3 credits)**
 - * 240 hours working on a project in a public health setting
- * **Culminating Experience (3 credits)**
 - * Provides opportunities for integration and application of public health learning
 - * NDSU – Master’s Paper
 - * UND – Scholarly Project & Seminar

NDSU Specializations

- * Health Promotion
- * Management of Infectious Diseases
- * Community Health Sciences
- * American Indian Public Health

Specializations/Tracks at NDSU

American Indian Public Health

Required Courses

- * American Indian Health Policy
- * American Indian Health Disparities
- * Cultural Competence in Indian Health
- * Research Issues in Tribal Communities
- * Case Studies in Indian Health

Elective Courses (Choose 2)

- American Indian Elder Care
- Indigenous Food Systems
- Other MPH Course

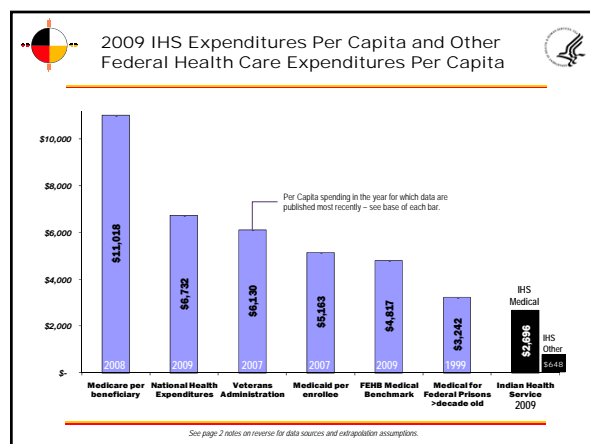
AI PH Research Opportunities

Health Disparities

- Diabetes, Cancer, Tobacco
- Infant Mortality
- Unintentional Injuries
- Behavioral Health/Mental Health/Suicide




Social Determinants of Health

- Poverty, Adverse Childhood Experiences & Historical Trauma
- Changes in Diet / Lifestyle
- Health Policy Research



UND Specializations

- * Health Management & Policy
- * Population Health Research & Evaluation

UND Specializations




- * Overall goal of both specializations:
 - * To train professionals who can advance the field of public health by applying excellent critical thinking, problems solving, and communication skills
- * Emphasis throughout the program is on the people and communities of the Northern Plains
 - * Rural agricultural communities
 - * Rural communities based on extractive industries
 - * Frontier communities
 - * American Indian communities
 - * Small cities





Health Management & Policy

- * The U.S. health care system is changing rapidly
- * Public and private efforts are underway to:
 - * Decrease costs
 - * Increase efficiency
 - * Improve quality
 - * Provide universal access to care
- * The Patient Protection and Affordable Care Act of 2010 addresses these issues comprehensively
 - * Having a major impact on health care delivery
 - * Focused initiatives such as those to improve patient safety or advance medical informatics are having a significant effect, as well
- * This specialization prepares students with skills necessary to improve health care delivery, particularly in rural areas
 - * Students gain skills needed to manage health delivery systems effectively and efficiently, analyze health policies, and communicate successfully to effect change in health policy and management

Health Management & Policy



- * This specialization is offered in partnership with the UND College of Business & Public Administration
 - * Adds depth to course offerings
 - * Adds faculty strength in a broad range of areas related to management and policy
 - * We have developed a close working relationship that will enhance student learning and opportunity








Health Management & Policy

- * **Required Courses (12 credits)**
 - * Research Methods
 - * Political and Public Policy Analysis
 - * Public Budgeting and Financial Analysis
 - * Health Administration and Organization
- * **Electives (6 credits)**
 - * Health Policy
 - * Political Advocacy and Social Entrepreneurship
 - * Legal and Ethical Issues in Health Care
 - * Health Economics



Population Health Research & Evaluation

- * Maintenance and improvement of population health depend upon research and evaluation that provide information about:
 - * The health problems experienced by a population
 - * The origin of these health problems
 - * The effectiveness of remedies for these health problems
- * Health organizations, both public and private must justify their activities to their stakeholders with credible research on the outcomes of those activities
- * This specialization prepares students to produce convincing and scientifically sound information to answer questions about:
 - * Population health
 - * The effectiveness of interventions to provide the basis for improving health policies and programs
- * Concepts of efficiency, effectiveness, equity, and cultural competence are emphasized


Population Health Research & Evaluation

- * **Required Courses (12 credits)**
 - * Biostatistics 2
 - * Advanced Biostatistics
 - * Population Health Research Methods
 - * Fundamental of Evaluation
- * **Elective Courses (6 credits)**
 - * Health Policy
 - * Political Advocacy and Social Entrepreneurship
 - * Legal and Ethical Issues in Health Care
 - * Health Economics
 - * Advanced Evaluation



Population Health Research & Evaluation

- * Students will develop highly marketable skills in:
 - * Analysis of medical claims data
 - * Analysis of federal, state, and local public health data systems such as the Behavioral Risk Factor Surveillance Survey (BRFSS)
 - * Analysis of qualitative data such as collected from individuals and small groups in communities and organizations
 - * How to evaluate health programs and systems




MPH Faculty at UND

- * **The faculty is the heart and soul of an academic program**
- * **UND is committed to building a MPH faculty of excellence**
 - * Five new faculty members begin in August 2013
 - * Existing UND faculty members are on board now



MPH Faculty at UND

- * **New MPH faculty members**
 - * Ralph Renger, PhD, University of Calgary
 - * Expertise in evaluation of public health programs and systems
 - * Cristina Oancea, PhD, University of Minnesota
 - * Expertise in biostatistics, epidemiology, and environmental health
 - * Kristin Schuller, PhD, University of South Carolina
 - * Expertise in rural health issues and health care management
 - * Vanessa Lopez Littleton, PhD, University of Central Florida
 - * Expertise in health management, community engagement, and community advocacy
 - * Karen Goldsteen, MPH, PhD – University of Illinois
 - * Expertise in child health and outcomes research using large administrative data bases
 - * Raymond Goldsteen, DrPH – Columbia University School of Public Health
 - * Expertise in health policy and outcomes research




MPH Faculty at UND

- * Some existing UND faculty members in the MPH Program
 - * Gary Hart, Director of Center for Rural Health
 - * Brad Gibbens, Associate Director, Center for Rural Health
 - * Charles Christianson, Associate Dean, School of Medicine & Health Sciences
 - * Clint Hosford, Department of Pathology
 - * Paul Sum, Chair, Department of Political Science, College of Business and Public Administration
 - * Andy Hultquist, Department of Political Science, College of Business and Public Administration






Our Space at UND

- * Space is important
 - * Can enhance learning and collegiality
- * MPH Program has newly renovated space in the UND School of Medicine & Health Sciences
 - * Offices for 3 MPH staff members and 8-10 faculty members
 - * Includes computer workspace, study rooms, and social gathering areas for students
 - * We welcome and encourage students to work, study, and meet in the MPH offices



MPH Program at UND

- * How the program is offered is important
- * At UND:
 - * Student enrollment capped at around 30/year
 - * To ensure quality education and personal attention to students
 - * Part-time and full-time study possible
 - * Students working in the field welcome
 - * On campus and distance learning available (synchronous)

Opportunities for Partnership

- * Practicums and internships are an excellent way to develop relationships with NDMPH programs
- * MOUs are being developed now with:
 - * North Dakota Department of Health
 - * Grand Forks and Cass County Departments of Health
 - * Altru Health System
 - * Midwest Center for Lifelong Learning (UofM)
 - * Taiwan Department of Public Health
- * Our first Practicum students are starting this summer
- * Coop experiences are also possible

Questions?

