

COMMUNITY AND PREVENTIVE PUBLIC HEALTH CURRICULUM

St. Luke's University Health Network

Hosted by St. Luke's Warren Family Medicine Residency

OPEN TO ANY AND ALL HEALTHCARE PROFESSIONALS AND PROVIDERS ****CME CREDIT AVAILABLE****

LOCATION: Farley Auditorium, St. Luke's Warren Hospital, Phillipsburg, NJ

1. Off to a Good Start: Course Introduction

Wednesday 7/13/16
3-4pm

Dr. Pamela Valenza
Assistant Director, St. Luke's Warren FMR

- Overview of the importance of population health within medical practice.
- Review the background of community and preventative public health.
- Introduction to public health in medical education
- Outline of the lecture series, including overview of all lectures and practical sessions.

Introduction to Public Health
4-5pm

Dr. Kristine Cornejo
Post-Doctoral Research Fellow, SLUHN

- Overview of definition and history of public health in the US.
- Define determinants of health.
- Review local population health needs based on local state health department and community health needs assessment.
- Introduce the concept of public health program development.

2. The Basics of Biostatistics

Wednesday 7/27/16
3-4pm

Dr. Jill Stoltzfus
Director, Research Institute, SLUHN

- Describe the roles biostatistics provides to medicine and public health.
- Discuss basic concepts of variation, probability, and other probability distributions.
- Participants will be able to apply and interpret commonly utilized statistical methods for inference.
- Learn to identify, interpret, and analyze basic biostatistics in research articles.

- Review the significance that biostatistics plays in the development of disease prevention programs and research.

A Primer in Epidemiology
4-5pm

Sarah Shoemaker, Public Health Planner
Warren County Public Health Dept.

- Participants will learn how to describe, identify, and analyze each of the following:
 - Key sources of data for epidemiological purposes.
 - Principles and limitations of public health screening programs.
 - Public health problems in terms of person, place, and time.
- Introduction to basic terminology of epidemiology and application to medical practice.
- Participants will develop skills to calculate, apply, and define basic epidemiological measures.
- Discussion of the prevalence and incidence of Warren County, NJ communicable and non-communicable diseases.

3. Theory to Practice: Topics in Environmental Health
Wednesday 8/10/16
3-4pm

Peter Summers
Environmental Health Officer
Warren County Public Health Dept.

- Describe direct and indirect human, ecological, and safety effects of major occupational and environmental agents.
- Discuss topics prevalent to Warren County, NJ such as:
 - Lead poisoning.
 - HAZMAT.
 - Methamphetamine labs.
- Examine ways to analyze and utilize state and federal regulatory guidelines and programs to control environmental health issues.
- Discuss current environmental risk methods.
- Review genetic, physiologic, and psychosocial factors that affect predisposition to adverse health outcomes after exposure to environmental hazards.

Practical Session: Emergency Preparedness and Outbreak Assessment
4-5pm

Sarah Shoemaker
Public Health Planner

- Brief history of bioterrorism attacks and potential future agents.
- Discussion of infectious agents considered to be in the highest level of bioterrorism.
- Explore three categories of potential agents of bioterrorism and the factors used to categorize these agents.
- Discuss the role of international travel on the spread of infection.
- Learn about bioterrorism preparedness programs.
- Participants will conduct a simulation of a disease outbreak.

4. Community Engagement: Concept to Practice
Wednesday 8/24/16
3-4pm

**Bob Weigand, Director of
Organizational Development, SLUHN**

- Explore idea of professionalism within public health and medicine.
- Identify cultural differences that may impact health care.
- Explore effective means of collaboration with translators, health care team members, and patients' support network to improve patient outcomes.
- Identify the importance of working in a collaborative manner with diverse communities and, in particular, various groups within Warren County, NJ and the St. Luke's hospital network.
- Discuss the concept of emotional intelligence in practice.
- Learn how to become a public health advocate.

Developing Leadership Skills for Public Health
4-5pm

**Bob Weigand, Director of
Organizational Development, SLUHN**

- Identify and define attributes of leadership within medicine and public health.
- Outline best practices on leading and managing health care organizations.
- Employ concepts and frameworks in key management disciplines including:
 - Operations and patient safety.
 - Quality improvement and innovation.
 - Financial management and control.
 - Performance Improvement.
- Participants will learn improvement methods to help diagnose and solve public health problems.
- Identify and define alternative strategies to collaborate and partner with local organizations focused on improving public health goals within Warren County, NJ.
- Participants will gain collaborative method skills to achieve organizational and community health goals.
- Panel discussion to engage in dialogue and learning from others within the public health arena.

5. Building Bridges: Psychosocial Health and the Community
Wednesday 9/7/16
3-4pm

Dr. James Feldman
Assistant Director, Behavioral Science
St. Luke's Warren FMR

- Discuss the etiology of social and behavioral factors affecting the health of individuals and populations.
- Identify needs and access issues for behavioral health in the community.
- Outline the most frequent mental health issues seen in practice and how they are managed with limited access and resources available.
- Discuss current and potential community linkages to better improve the care and management of patients with mental health needs.

Creating a Community Coalition for Mental Health
4-5pm

To Be Announced

- Participants will learn how to identify and describe basic theories, concepts, and models from various social and behavioral disciplines used in public health and psychological practice.
- Participants will learn how to identify and utilize stakeholders involved in planning, implementing, and evaluating health policies, programs, and behavioral/social health interventions in Warren County, NJ.
- Review and analyze community and organizational concerns, assets, resources, and discrepancies for social and behavioral health programs.

6. Utilizing Community Health Needs Assessments: Outcomes to Practice
Wednesday 9/21/16
3-4pm

Dr. Bonnie Coyle
Chair of Community Health and
Preventive Medicine, SLUHN

- Discuss the methods of conducting a community health needs assessment.
- Review the Community Health Needs Assessment (CHNA) of Warren County, NJ.
 - Identify potential areas for program development
- Define the means by which behavioral, social, environmental, and biological factors contribute to particular individual and community health outcomes.

Mapping the Community: Resources for Health Professionals
4-5pm

To Be Announced

- Explore behavioral, social, and public health community resources within Warren County.

7. Nuts and Bolts: Understanding Health Policy and Management
Wednesday 10/5/16
3-4pm

Brent Ennis, Deputy EVP
and COO, Pennsylvania
Academy of Family Physicians

- Identify the key components and obstacles of the financing, organization, and delivery of health care services and public health systems in the US.
- Analyze and describe legal and ethical concepts within public health and medical services.
- Identify and formulate methods to ensure community health safety and preparedness.

Putting It All Together: Developing a Public Health Action Plan
Wednesday 10/5/16
4-5pm

Sarah Shoemaker
Public Planner
Warren County Public Health Dept.

- Review how community groups utilize community health needs assessments.
- Discuss how to align medical and public health goals to address focus areas .
- Participants will practice prioritizing organizational and community concerns and resources.
- Participants will learn how to utilize existing public health programs to improve the quality of health care services provided to Warren County constituents.