

## Public Health Grand Rounds

### Linking Research to Community Health Improvement

Jointly sponsored by the University of Rochester Department of Community and Preventive Medicine and The Center for Community Health

### SPRING 2012 Schedule

Helen Wood Hall Auditorium (Room 1.W304): 12 pm – 1 pm

**January 20, 2012**

#### **"Microarray Technology and Its Relationship to Health Outcomes"**

*Rui Hu, Research Asst Professor, Biostats Computational Biology, URMC*

Dr. Hu will discuss Microarray technology, which has been widely employed to measure the expression levels of large numbers of genes simultaneously. The gene expression data analysis can help improve prognostic accuracy, treatment choice, and health outcomes. An important and common question in gene expression data analysis is the identification of biologically "interesting" genes among thousands of genes. The identification of these genes may help researchers understand the underlying biological mechanism of disease so that suitable treatments can be developed. Join us for what promises to be an enlightening presentation on this remarkable technology.

**February 3, 2012**

#### **"How Local Health Priorities Shape Public Health Policy"**

*Byron S. Kennedy, MD, PhD, MPH, Deputy Director, Monroe County Department of Public Health*

Dr. Kennedy's topic will focus on how local health priorities are developed for Monroe County. He will discuss the influences of local data on decision making for the Monroe County Department of Public Health and how legislation and regulation affect public health policies locally.

**February 17, 2012**

#### **"Teams and Teamwork in Healthcare: Using Evidence to Inform Policy"**

*Helena Temkin-Greener Health Policy and Outcomes Research Dept. of Community Preventive Medicine*

System managers and policy makers have for years been making efforts to transform healthcare workplaces into effective team-based environments. At the same time, researchers have worked to gather data on teamwork and have examined the data for key information indicating teamwork's impact on care processes and patient outcomes. In this presentation, the empirical evidence, largely from community-based and institutional long-term care settings, will be examined to determine if teamwork contributes to high quality healthcare. Implications of these findings for public policy will be discussed

**March 2, 2012**

#### **Global Health: Title Forthcoming**

*Eduardo J. Simoes, M.D., M.Sc., M.P.H. Chairman & Health Management and Informatics Alumni Distinguished Professor University of Missouri, School of Medicine*

**April 6, 2012**

#### **"Putting practice into research: The CAPABLE project"**

*Sarah L. Szanton, PhD, CRNP, Assistant Professor, Johns Hopkins University School of Nursing*

Dr. Szanton will talk about her extensive experience providing Housecalls to low-income older adults to design an intervention to decrease functional disabilities. She will discuss the components involved, the impressive initial results, and plans for implementation into community practice through national partners.

**April 20, 2011**

#### **Preventive Care in Community (Elderly -Program)**

**TBD**