Past Presentations – Spring 2011

- April 13 - How Do You Evaluate the Evidence in Evidence-based Practices?
- April 20 - Fetal Alcohol Spectrum Disorders: Prevention, Diagnosis and the Clinical Encounter
- May 4 - Using Network Models and Super Computers to Improve Surveillance and Intervention
- May 11 - The Interaction between Traumatic Brain Injuries (TBI), Substance Abuse, and Other Mental Health Disorders
- May 18 - Cardiovascular Disease: An Equal Opportunity Killer

How Do You Evaluate the Evidence in Evidence-based Practices?

**TRAIN Course ID:** 1025928

**Presenters:** Michelle Malizia, MA, Associate Director, National Network of Libraries of Medicine, South Central Region, Houston Academy of Medicine-Texas Medical Center Library; Cathy Pepper, MLIS, MPH, Coordinator of Library Field Services and Assistant Professor, Medical Sciences Library, Texas A&M University

**Description:** Outcomes of evidence-based practice can be wide ranging and sometimes unexpected. Before planning interventions or establishing new health programs, it is important that initiatives are supported by scientific evidence. However, the quality of evidence is of primary significance, not the quantity. This presentation will look at processes and tools to identify, evaluate, and assess evidence-based practices. Please join Michelle Malizia and Cathy Pepper for this intriguing discussion and examination of case studies.

**Continuing Education:** 1.5 contact hours of Continuing Medical Education (CME); Continuing Nursing Education (CNE); Social Workers; Certified Health Education Specialists (CHES); Registered Sanitarians; Licensed Chemical Dependency Counselors (LCDC); Licensed Professional Counselors (LPC); Marriage and Family Therapists (MFT); and certificate of attendance.

**Presentation documents:** To request a copy of the slides, handouts, and recorded webinar, contact the DSHS Audiovisual Library at avlibrary@dshs.state.tx.us. CE credit is only available for those attending the live event, not the recording.

**Suggested resources:**
To request a full-text copy of any of the articles below, please e-mail library@dshs.state.tx.us.

2) Critical appraisal: Notes and checklists. Scottish Intercollegiate Guidelines Network (SIGN)
3) Critical Appraisal Skills Programme (CASP).
4) Demonstrating excellence in the scholarship of practice-based service for public health. Potter MA, Burdine J, Goldman L, Olson D, Silver GB, Smith LU, Villanueva AM, & Wright K. Association of School of Public Health; 2009
5) Developing evidence-based recommendations in public health – incorporating the views of practitioners, service users and user


15) Healthy People 2010 Information Access Project.


17) Medical and Research Library, Texas Department of State Health Services.


19) 'Other' types of questions. Scanlan CL.

20) Partners in Information Access for the Public Health Workforce.

21) PubMed


Fetal Alcohol Spectrum Disorders: Prevention, Diagnosis and the Clinical Encounter

TRAIN Course ID: 1025920

Presenters: Courtney J. Kihlberg, MD, MSPH, Assistant Professor, Meharry Medical College

Description: Fetal Alcohol Syndrome (FAS) is the leading preventable cause of intellectual disabilities in children and encompasses a multitude of physical, psychological, and social challenges for the children and families it affects. This presentation is designed to increase the knowledge and skills of practicing health care providers and their staff regarding prevention, identification of, and interventions for FAS and related Fetal Alcohol Spectrum Disorders (FASDs). Alcohol screening tools for women of child bearing age, FASD diagnostic criteria, treatment options, and supportive resources will all be reviewed to enhance participants’ practical skills and comfort level in caring for children and families affected by FASDs.

Continuing Education: 1.5 contact hours of Continuing Medical Education (CME); Continuing Nursing Education (CNE); Social Workers; Certified Health Education Specialists (CHES); Registered Sanitarians; Licensed Chemical Dependency Counselors (LCDC); Licensed Professional Counselors (LPC); Marriage and Family Therapists (MFT); and certificate of attendance.

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Suggested resources:
To request a full-text copy of any of the articles below, please e-mail library@dshs.state.tx.us.
1) American Congress of Obstetricians and Gynecologists (ACOG) Additional Screening and Intervention Tools (CRAFFT, TWEAK, AUDIT-C)
3) Drinking and Reproductive Health: A Fetal Alcohol Spectrum Disorders Prevention Tool Kit
4) FASD Southeast Regional Training Center at Meharry Medical College Department of Family and Community Medicine
5) Fetal Alcohol Spectrum Disorders (FASDs) - Centers for Disease Control and Prevention
6) National Organization on Fetal Alcohol Syndrome
9) Recovering Hope: Mothers Speak Out About Fetal Alcohol Spectrum Disorders (FASD) DVD
10) The Story of Lyal (video)
11) Substance Abuse Treatment Facility Locator - SAMHSA
12) Talking with Your Adult Patients about Alcohol, Drug, and/or Mental Health Problems: A Discussion Guide for Primary Health Care Providers
13) Washington State FAS Diagnostic and Prevention Network


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**TRAIN Course ID:** 1025921

**Presenters:** Dilip J. Karnik, MD

**Description:** Autism Spectrum Disorder is a common neurobiological condition that can cause varying degrees of intellectual, psychosocial, and physical limitations and causes a significant impact on public health. This presentation will focus on classification, recent development, neurobiology and how to effectively manage the condition and therefore limit its impact. A practicing neurologist in Austin, Texas for 26 years, Dilip J. Karnik, MD founded the pediatric neurology sub-specialty in the Austin area. Currently he is the Medical Director for Pediatric Neurology with ‘Specially for Children as well as The Children’s Hospital of Austin. Additionally, Dr. Karnik is an Adjunct Associate Professor at the University of Texas at Austin and serves as the medical director for a new program called UTAP (University of Texas’ Autism Program).

**Continuing Education:** 1.5 contact hours for Continuing Medical Education (CME); Continuing Nursing Education (CNE); Social Workers; Certified Health Education Specialists (CHES); Registered Sanitarians; Licensed Professional Counselor (LPC), Marriage and Family Therapists (MFT), and certificate of attendance.

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**Suggested reading:**

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Using Network Models and Super Computers to Improve Surveillance and Intervention

TRAIN Course ID: 1025923

Presenters: Lauren Ancel Meyers, PhD, Assoc. Professor, Univ. of Texas-Austin

Description: Infectious diseases, human behavior, and health-related information spread via networks of physical, social, and institutional interactions. By understanding and harnessing the structure of these networks, public health agencies can more effectively monitor and control human diseases. Over the last decade, Dr. Lauren Ancel Meyers has been developing new network-based mathematical approaches for predicting the spread of infectious diseases and collaborating with public health officials in the U.S. and Canada to apply these methods to address public health challenges. During this presentation, Dr. Meyers will introduce the basic concepts from network epidemiology and describe how simple conceptual models have been combined with high performance computing to optimize surveillance systems and intervention strategies.

Continuing Education: 1.5 contact hours of Continuing Medical Education (CME); Continuing Nursing Education (CNE); Social Workers; Certified Health Education Specialists (CHES); Registered Sanitarians; and certificate of attendance.

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Suggested reading:

The Interaction between Traumatic Brain Injuries, Substance Abuse, and Other Mental Health Disorders

TRAIN Course ID: 1025925

Presenter: Wayne A. Gordon, PhD, Mount Sinai Medical Center

Description: Traumatic Brain Injury (TBI) is a major cause of death and disability globally and considered a serious public health problem. In Texas, an estimated 144,000 people sustain a traumatic brain injury every year, or one every four minutes. Recent research indicates a significant relationship between TBI, substance abuse, and other mental health disorders. Please join nationally recognized expert, Wayne Gordon, PhD, Mount Sinai Medical Center to learn more about these controversial research findings and what they mean for the assessment and management of TBI. Issues to be covered include: MRI brain imaging, the psychosocial impact of neurobehavioral changes, case management, clinical trials, behavior management, and community-based and group interventions.

Continuing Education: 1.5 contact hours for Continuing Medical Education (CME); Continuing Nursing Education (CNE); Social Workers; Certified Health Education Specialists (CHES); Licensed Chemical Dependency Counselors (LCDC); Licensed Professional Counselors (LPC); Marriage and Family Therapists (MFT); Registered Sanitarians; and certificate of attendance.

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Suggested reading:
To request a full-text copy of any of the articles below or to borrow the book, please e-mail library@dshs.state.tx.us.
11) "Do I Have Brain Injury and What Can I Do About It?" (YouTube video)


not recognize the urgency of getting her to the emergency room (ER). Once a woman presents for medical attention there can be a further delay in making the diagnosis. This is likely related to some differences between men and women, and the suspicion of the physician. Finally, even after the diagnosis has been made, women are often treated less aggressively than men, possibly resulting in poorer outcomes seen for women. It is important that women know their risks and the symptoms of a heart attack. However, it is more critical that women know how to decrease the risks for getting heart disease in the first place. Dr. Swegler will provide a brief history of equal opportunity killer... from the beginning.

**Continuing Education:** 1.5 contact hours of Continuing Medical Education (CME); Continuing Nursing Education (CNE); Social Workers; Certified Health Education Specialists (CHES); Registered Sanitarians; and certificate of attendance.

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**Suggested reading:**
To request a full-text copy of any of the articles below or to borrow the book, please e-mail library@dshs.state.tx.us.

1) *American Heart Association. Women and Cardiovascular Disease*
4) *Heart Healthy Handbook for Women, The National Heart, Lung, and Blood Institute*
11) *Women and Heart Disease, American College of Cardiology*

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