

Agenda

Women's Health & Sex Differences Research Day

The Gender Gap: Pain & Addiction

Thursday April 6, 2017

Bowman Gray Center for Medical Education, Classrooms 5107 & 5206/5207

Presented by: The Office of Women in Medicine and Science (OWIMS), Wake Forest School of Medicine

Sponsored by: The Departments of Anesthesiology, Internal Medicine, Obstetrics & Gynecology, Pathology, Physiology & Pharmacology, Social Sciences & Health Policy, the Clinical & Translational Science Institute, and the Center for Research on Substance Abuse & Addiction

8:00 Registration and Poster Mounting

8:20 Welcome and Introduction: Carol Shively, PhD, Professor, Department of Pathology, Wake Forest School of Medicine; Director of the Office of Women in Medicine and Science

Session 1: Pain Moderator: Deborah Griffith, EdD, Department of Undergraduate Medical Education, WFSM

8:30 *Chronic Temporomandibular Pain: Psychosocial Issues and the Role of Self-Regulation Strategies for Long-Term Management*

Plenary Speaker: Charles Carlson, PhD, ABPP, Robert H. and Anna B. Culton Endowed Professor of Psychology, University of Kentucky College of Arts & Sciences

8:50 *The Differential Impact of Pain on Physical Function in Older Adults*

Amber K. Brooks, MD Assistant Professor, Department of Anesthesiology, Lexington Medical Center, Pain Center Director

9:10 *Migraine Headache: A Neglected Women's Health Problem*

Donald B. Penzien, PhD, Professor, Department of Anesthesiology, WFSM

9:30 *Behavioral Effects of a Safe, Non-Addictive Opioid Analgesic in Male and Female Primates*

Mei-Chuan (Holden) Ko, PhD, Professor, Department of Physiology & Pharmacology, WFSM

9:50 Panel discussion

10:00 BREAK AND POSTER REVIEW

Session 2: Addiction Moderator: Allyn Howlett, PhD, Professor, Department of Physiology & Pharmacology, WFSM

10:30 *Sex Differences in Addiction: Lessons from Animal Models*

Keynote speaker: Jill B. Becker, Ph.D, Patricia Y. Gurin Collegiate Professor of Psychology, Research Professor, Molecular & Behavioral Neuroscience Institute, University of Michigan

- 11:15 *Sex Differences in Nonhuman Primate Models of Drug Addiction*
Michael Nader, PhD, Professor, Department of Physiology & Pharmacology, WFSM; Co-Director of the Center for Research on Substance Use and Addiction
- 11:35 *The Impact of Gender Composition on Polysubstance Use at Parties Attended by 15-20 Year Olds*
Kathleen Egan, Research Associate, Department of Social Sciences and Health Policy, WFSM
- 11:55 *Managing Neonatal Abstinence Syndrome; A National Epidemic*
Mary Pylipow, MD, Associate Professor, Department of Pediatrics, WFSM
- 12:15 Panel Discussion
- 12:30 LUNCH BREAK AND POSTER REVIEW

Session 3: Top Abstract Presentations Moderator: Susan Appt, DVM, Associate Professor, Department of Pathology, WFSM

- 1:30 *Effects of Ethanol Dependence on Subsequent Voluntary Home Cage Intake in Adult Male and Female Long-Evans Rats*
Molly McGinnis, Graduate Student, Physiology and Pharmacology
- 1:35 *Paternal Preconception Ethanol Exposure Enhances the Effects of Adolescent Social Isolation on Ethanol Drinking in Female Rats*
Sarah Ewin, Graduate Student, Physiology and Pharmacology
- 1:40 *Trajectories of Quality of Life Following Breast Cancer Diagnosis*
Neha Goyal, Research Fellow, Public Health Sciences, Social Sciences & Health Policy
- 1:45 *Effects of Estrogen on Myocardial Gene Expression in Post-Menopausal Cynomolgus Macaques*
Kristofer Michalson, Fellow, Comparative Medicine
- 1:50 *Sex Differences in High Fat Diet-Induced Augmentation of Amphetamine Sensitization*
Madelyn Mauterer, Graduate Student, Physiology and Pharmacology
- 1:55 Poster Awards: Carol Shively, PhD, Professor, Department of Pathology, Wake Forest School of Medicine; Director of the Office of Women in Medicine and Science

Session 4: Open Discussion and Panel of Experts Moderator: Cynthia Emory, MD, Associate Professor, Department of Orthopaedics, WFSM

- 2:30 Panel of Experts: Dr. Jill Becker, Dr. Charles Carlson, Dr. Amber K. Brooks,
- 3:00 Conference End