



National Institutes
of Health

The 9th Annual NIH Pain Consortium Symposium on Advances in Pain Research

Natcher Conference Center
May 28-29, 2014

Biological & Psychological Factors that Contribute to Chronic Pain

Wednesday May 28, 2014

8:30 a.m. **Welcome and Opening Remarks**

Nora Volkow, M.D., Director, NIDA, NIH Pain Consortium Executive Committee Member

8:45 a.m. **Keynote Address: *TRP Channels of the Pain Pathway: Connecting Physiology to Atomic Structure***

David Julius, Ph.D., University of California, San Francisco

9:30 a.m. **Panel Session on Pain and Depression**

Moderator: Wendy B. Smith, M.A., Ph.D., BCB, Senior Scientific Advisor, OBSSR

Session Overview: *Pain and Depression – What Exactly is the Relationship?*

Dan Clauw, M.D., University of Michigan

10: 10 a.m. ***Pain and Mood Regulation in Women with Chronic Pain***

Mary Davis, Ph.D., Arizona State University

10:30 a.m. ***Psychosocial Influences on Pain and Depression***

Courtney DeVries, Ph.D., Ohio State University, College of Medicine

10:50 a.m. **Panel Session Q and A**

11:10 a.m. **Poster Session and Break in the Atrium**

11:40 p.m. **Introduction to the Junior Investigator Presentations**

Gayle E. Lester, Ph.D., Program Director, NIAMS

11:45 a.m. ***Neural Mechanisms Supporting Mindfulness-Based Pain Relief as Compared to Placebo Analgesia***

Fadel Zeidan, Ph.D., Wake Forest School of Medicine

- 12:00 p.m.** ***Identification of TMD Subtypes: The OPPERA Study***
Eric Bair, Ph.D., University of North Carolina, School of Dentistry
- 12:15 p.m.** ***Resting State Alterations in Women with Interstitial Cystitis/Painful Bladder Syndrome***
Lisa Kilpatrick, Ph.D., University of California Los Angeles, David Geffen School of Medicine
- 12:30 p.m.** **Lunch**
- 1:30 p.m.** **Poster Session in the Atrium**
- 2:00 p.m.** **Update from the American Pain Society**
The American Pain Society Research Agenda
Roger B. Fillingim, Ph.D., University of Florida
- 2:20 p.m.** **Panel Session on Pain and Sleep Disorders**
Moderator: Ann O'Mara, Ph.D., R.N., F.A.A.N., Head of Palliative Care Research, NCI
Genetic Basis of Chronic Pain
William Lariviere, Ph.D., University of Pittsburgh
- 2:40 p.m.** ***Genetic Basis of Human Clock and Links to Migraine***
Louis Ptacek, M.D., University of California, San Francisco
- 3:00 p.m.** ***The Effects of Cognitive Behavioral Therapy for co-Morbid Insomnia and Pain***
Michael V. Vitiello, Ph.D., University of Washington
- 3:20 p.m.** ***The Effects of Sleep Disruption on Pain and Mood: Role of inflammatory Markers***
Monika Haack, Ph.D., Harvard University
- 3:40 p.m.** **Panel Session Q and A**
- 4:00 p.m.** **Mitchell Max Award for best Junior Investigator Presentation**
Patricia A. Grady, Ph.D., RN, FAAN, Director, NINR, NIH Pain Consortium Executive Committee Member
- 4:10 p.m.** **Adjourn**

Thursday, May 29

8:30 a.m. [A Patient's Perspective](#)

Cynthia Toussaint, For Grace

Introduction: Susan Marden, Ph.D., Program Director, NINR

8:50 a.m. [A Resource for Pain Research](#)

The Stanford-NIH Pain Registry

Sean Mackey, M.D., Ph.D., Stanford University

Introduction: Susan Marden, Ph.D., Program Director, NINR

9:30 a.m. [Panel Session on Pain and Inflammation](#)

Moderator: Catherine Bushnell, Ph.D. Scientific Director, Intramural Research, NCCAM

Panel Session Overview: *Targeting Glial Activation for Treating Chronic Pain and Improving the Clinical Efficacy of Opioids*

Linda Watkins, Ph.D., University of Colorado, Boulder

10:10 a.m. [Poster Session and Break](#)

10:40 a.m. *Bacteria Activate Sensory Neurons that Modulate Pain*

Clifford Woolf, M.D., Ph.D., Boston Children's Hospital

11:00 a.m. *Sleep Drives Metabolite Clearance from the Brain*

Maiken Nedergaard, M.D., University of Rochester

11:20 a.m. *Neuro-immune Mechanisms of Depression and Pain*

Annemeike Kavelaars, Ph.D., M.D. Anderson Cancer Center

11:40 a.m. Panel Session Q and A

12:00 p.m. [Closing Remarks and Adjourn](#)

Josephine P. Briggs, M.D., Director, NCCAM, NIH Pain Consortium Executive Committee Member