

OSSD 2018 Annual Meeting
“Sex as a Biological Variable Across the Lifespan”
April 30 – May 3, 2018
Atlanta, GA, USA

Preliminary Program

MONDAY, APRIL 30

11:00 am – 5:00 pm REGISTRATION

1:00 pm – 2:45 pm SESSIONS 1 and 2

Session 1: Sex differences at the electrophysiological level: A focus on the limbic system

Chair: Lisa Briand, PhD, Temple University

Speakers: John Meitzen, PhD, North Carolina State University

 Dean Kirson, PhD, The Scripps Research Institute

 Helen Scharfman, PhD, Nathan Kline Institute for Psychiatric Research

Session 2: Sex Differences in the Pathogenesis of Infectious Diseases

Chairs: Andrew Pekosz, PhD, Johns Hopkins Bloomberg School of Public Health

 Sabra Klein, PhD, Johns Hopkins Bloomberg School of Public Health

Speakers: TBA

2:45 pm – 3:00 pm BREAK

3:00 pm – 4:45 pm SESSIONS 3 and 4

Session 3: Neurocircuitry and neuroplasticity over the lifespan:

Sex-specific trajectories mean timing is everything

Chair: Heather Brenhouse, PhD, Northeastern University

Speakers: Jennifer Honeycutt, PhD, Northeastern University

 Cynthia Kuhn, PhD, Duke University

 Rebecca Shansky, PhD, Northeastern University

 Pavel Osten, PhD, Cold Spring Harbor Laboratory

Session 4: Sex-specific outcomes of environmental chemical exposures

Chair: John Meitzen, PhD, North Carolina State University

Speakers: Emily Barrett, PhD, Rutgers University

 Heather Stapleton, PhD, Duke University

 Heather Patisaul, PhD, North Carolina State University

 Staci Bilbo, PhD, Harvard Medical School

4:45 pm – 5:00 pm OPENING REMARKS

5:00 pm – 6:15 pm KEYNOTE LECTURE: Nirao Shah, PhD, Stanford University

6:15 pm – 8:15 pm OPENING RECEPTION and POSTER SESSION 1

TUESDAY, MAY 1

9:00 am – 5:00 pm REGISTRATION

7:30 am – 8:30 am BREAKFAST

8:30 am – 10:15 am SESSIONS 5 and 6

Session 5: Molecular mechanisms of sex-dependent vulnerability to stress

Chairs: Kathleen E. Morrison, PhD, University of Maryland School of Medicine
Tracy L. Bale, PhD, University of Maryland School of Medicine

Speakers: Tanja Jovanovic, PhD, Emory University
Kevin Bath, PhD, Brown University
Georgia E. Hodes, PhD, Virginia Tech
Kathleen E. Morrison, PhD, University of Maryland School of Medicine

Session 6: Implications of Sex and Gender in Clinical Care

Chair: Bruce Becker, MD, MPH, FACEP, Brown University
Speakers: Lauren Walter, MD, University of Alabama at Birmingham
Charles R. Wira III, MD, Yale University

10:15 am – 10:30 am BREAK

10:30 am – 12:15 pm SESSIONS 7 and 8

Session 7: Hormonal regulation of behavior and physiology across diverse species

Chair: Nirao Shah, PhD, Stanford University
Speakers: Deborah Kurrasch, PhD, University of Calgary
Jing Wang, PhD, University of California, San Diego
Kim Huhman, PhD, Georgia State University
Kim Wallen, PhD, Emory University

**Session 8: In Silico Models and Clinical Trials:
Innovative Research and Sex and Gender Implications**

Chairs: Pamela Scott, PhD, MA, U.S. Food and Drug Administration
Marjorie Jenkins, MD, MEdHP, FACP, U.S. Food and Drug Administration
Panelists: Tina Morrison, PhD, U.S. Food and Drug Administration
Wendy Wu, PhD, U.S. Food and Drug Administration
Aldo Badano, PhD, U.S. Food and Drug Administration

12:15 pm – 1:30 pm WORKSHOP LUNCH: Open Science Framework (Aaron Wolen, PhD, Virginia Commonwealth Univ.)

1:45 pm – 3:30 pm SESSIONS 9 and 10

Session 9: Nuclear structure and sex differences

Chairs: Christine Disteche, PhD, University of Washington
Carolyn Brown, PhD, University of British Columbia
Speakers: Xinxian Deng, PhD, University of Washington
Schahram Akbarian, MD, PhD, Mount Sinai School of Medicine
Linda Zhou, University of Pennsylvania
Andrew Lane, MD, PhD, Dana-Farber Cancer Institute

Session 10: Sex Differences in Cerberovascular Disease: Epidemiology to Epigenetics

Chairs: Louise McCullough, MD, PhD, UTHealth McGovern Medical School
Mat Reeves, PhD, Michigan State University

Speakers: Virginia Howard, PhD, University of Alabama at Birmingham
Tracy Madsen, MD, Brown University
Stacie Demel, DO, PhD, Michigan State University
Mollie McDermott, MD, MS, University of Michigan

3:30 pm – 3:45 pm BREAK

3:45 pm – 4:45 pm PANEL DISCUSSION

Title: Sex Differences and the Google Memo
Moderator: Lise Eliot, PhD, Rosalind Franklin University
Panelists: Deboleena Roy, PhD, Emory University
Margaret McCarthy, PhD, University of Maryland
Gillian Einstein, PhD, University of Toronto

4:45 pm – 6:45 pm POSTER SESSION 2

WEDNESDAY, MAY 2

9:00 am – 5:00 pm REGISTRATION

7:30 am – 8:30 am BREAKFAST

8:00 am – 8:30 am OSSD BUSINESS MEETING

8:30 am – 10:15 am SESSIONS 11 and 12

Session 11: Sex steroids, puberty, and adolescent brain development: A translational approach to understanding peak vulnerability to psychopathology in adolescence

Chairs: Marianne Seney, PhD, University of Pittsburgh
Cecile Ladouceur, PhD, University of Pittsburgh

Speakers: Cheryl Sisk, PhD, Michigan State University
Monique Ernst, MD, PhD, NIMH

Session 12: Statistical methodologies on sex chromosome association

Chair: Wei Xu, PhD, Princess Margaret Cancer Centre

Speakers: Lei Sun, PhD, University of Toronto
Stacey Winham, PhD, Mayo Clinic
Osvaldo Espin-Garcia, University of Toronto

10:15 am – 10:30 am BREAK

10:30 am – 12:15 pm SESSIONS 13 and 14

Session 13: Sex differences in learning and plasticity

Chairs: Debra Bangasser, PhD, Temple University
Nicola Grissom, PhD, University of Minnesota

Speakers: Erin Calipari, PhD, Vanderbilt University
Mohamed Kabbaj, PhD, Florida State University

Session 14: Gender, Sex Hormones, and Lung Inflammation

Chair: Patricia Silveyra, PhD, Penn State College of Medicine

Speakers: Y.S. Prakash, MD, PhD, Mayo Clinic

Dawn Newcomb, PhD, Vanderbilt University
Nathalie Fuentes, Penn State College of Medicine

12:15 pm – 1:30 pm **TRAINEE LUNCH** *or enjoy Atlanta with lunch on your own*

1:45 pm – 3:30 pm **SESSIONS 15 and 16**

**Session 15: Current Topics in Sex Differences Research I:
Genetics and Neuroscience**

Speakers: Erica Glasper, PhD, University of Maryland
Vincent Harley, PhD, Hudson Institute of Medical Research
Susan Sangha, PhD, Purdue University
Nora Engel, PhD, Temple University
Kristen Pleil, PhD, Cornell University

**Session 16: Current Topics in Sex Differences Research II:
Physiology and Metabolism**

Speakers: Suresh Mishra, PhD, University of Manitoba
Benoit Chassaing, PhD, Georgia State University
Kristen Zuloaga, PhD, Albany Medical College
Katelyn Bruno, PhD, Mayo Clinic
Annie Newell-Fugate, PhD Texas A&M University

3:30 pm – 3:45 pm **BREAK**

3:45 pm – 5:15 pm **YOUNG INVESTIGATORS SYMPOSIUM**

5:15 pm – 6:15 pm **CAPSTONE LECTURE: Londa Schiebinger, PhD, Stanford University**

6:15 pm – 8:15 pm **AWARDS RECEPTION** *with “heavy hors d'oeuvres”*

THURSDAY, MAY 3

7:30 am – 8:30 am **BREAKFAST**

8:30 am – 10:15 am **SESSIONS 17 and 18**

Session 17: Sex Differences in Pain from the Sensory Nerves to the Brain

Chair: Dayna Loyd Averitt, PhD, Texas Woman's University
Speakers: Greg Dussor, PhD, University of Texas at Dallas
Loren Martin, PhD, University of Toronto
Arbi Nazarian, PhD, Western University of Health Sciences

Session 18: Defining and Measuring Sex and Gender in Clinical Research

Chairs: Louise Pilote, MD MPH PhD FRCPC, McGill University
Rachel Dreyer, PhD, Yale University
Speakers: TBA

10:15 am – 10:30 am **BREAK**

10:30 am – 12:15 pm **SESSIONS 19 and 20**

Session 19: Endocrine disruptors: sex differences in their effects during development

Chair: Janice Juraska, PhD, University of Illinois

Speakers: Jodi Flaws, PhD, University of Illinois
Emilie Rissman, PhD, North Carolina State University
Rita Strakovsky, PhD, Michigan State University

**Session 20: Women and Alzheimer's Disease: A Scientific Update from the
SWHR Interdisciplinary Panel on Alzheimer's Disease
(in conjunction with the SWHR Alzheimer's Disease Network meeting)**

Chair: Pauline Maki, PhD, University of Illinois at Chicago

Speakers: Michelle M. Mielke, PhD, Mayo Clinic
Kejal Kantarci, MD, MS, Mayo Clinic
MaryJo LaDu, PhD, University of Illinois at Chicago

12:15 am – 12:30 pm CLOSING REMARKS

12:30 pm END OF MEETING

12:30 pm – 3:00 pm OSSD COUNCIL MEETING