Women’s Health Research Day 2016

Sponsored by the

Penn State Center for Women’s Health Research; the Department of Psychiatry, Penn State College of Medicine; and the Network on Child Protection & Well-Being

Thursday, April 28, 2016, 8:00 am - 3:15 pm

University Conference Center, Penn State College of Medicine, Hershey Campus
The Penn State Center for Women’s Health Research promotes research on women’s health and sex/gender differences related to health by supporting a network of Penn State faculty members in multiple disciplines who are interested in research collaborations and mentoring opportunities. The goal is to advance the science of women’s health and contribute to the development of health promotion, disease prevention, health services delivery, and health policy approaches to improving women’s health and well-being across the life span.

The Center sponsors special talks on women’s health and sex/gender differences related to health and Women’s Health Research Day. In addition, the Center maintains information about active research projects, data sets, and funding opportunities; promotes the development of interdisciplinary research teams around specific topics for grant applications; and provides mentoring opportunities for junior faculty members, graduate students, and medical students. To help faculty prepare research grant applications, the Center’s website includes a description of the Center and other women’s health resources at Penn State (including the NIH-funded Penn State BIRCWH – Building Interdisciplinary Research Careers in Women’s Health – K12 Program) that can be included in grant applications.

Penn State faculty members are invited to post their active research projects on the Center website: http://www.womenshealthcoe.psu.edu/index.html

One can make a contribution to the Penn State Center for Women’s Health Research by going to the “Make a Gift” page of the Center’s website: http://www.womenshealthcoe.psu.edu/make_gift.html
Women’s Health Research Day

April 28, 2016

Abstracts Review Committee

Mary Jane De Souza, PhD, Professor of Kinesiology and Physiology, College of Health and Human Development

Danielle Symons Downs, PhD, Professor of Kinesiology and Obstetrics and Gynecology, College of Health and Human Development (Co-Chair)

Kathryn Drager, PhD, Associate Dean for Research and Graduate Education, College of Health and Human Development

Steriani Elavsky, PhD, Associate Professor of Kinesiology, College of Health and Human Development

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Shannon Kelleher, PhD, Associate Professor of Cell & Molecular Physiology, Pharmacology, Surgery and Nutritional Sciences, College of Medicine

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Jennifer McCall-Hosenfeld, MD, MSc, Associate Professor of Medicine and Public Health Sciences, College of Medicine (Co-Chair)

Erika F.H. Saunders, MD, Chair, Department of Psychiatry, College of Medicine

Deepa Sekhar, MD, MSc, Associate Professor of Pediatrics, College of Medicine

Carol S. Weisman, PhD, Distinguished Professor of Public Health Sciences and Obstetrics and Gynecology, College of Medicine

Support
Sara A. Baker, MSW, Senior Instructor of Public Health Sciences, College of Medicine
Keynote Speaker

HANNI STOKLOSA, MD, MPH

Co-Director, HEAL Trafficking; Brigham and Women’s Hospital, Connors Center for Women’s Health and Gender Biology, Harvard Medical School

“Developing a Research Agenda in Human Trafficking: A Women’s Health Priority”

Hanni Stoklosa, MD, MPH is an Emergency Medicine Physician at Brigham and Women’s Hospital, Harvard School of Medicine, FXB Center for Health & Human Rights, Harvard T.H. Chan School of Public Health. Dr. Stoklosa’s focus is on the advancement of research and policy which improves the prevention of human trafficking and care for trafficking survivors, both globally and locally. In recognition of her expertise in the field, Dr. Stoklosa has been called as an expert witness to testify before the US Congress multiple times and has been interviewed for public radio, including Marketplace, WBUR, and KWMU. In addition, she is co-director of HEAL (Health, Education, Advocacy, Linkages) Trafficking, an international network of professionals combating human trafficking from a public health perspective. She has worked in a diversity of settings including South Sudan, Liberia, Kazakhstan, Egypt, China, Taiwan, Australia, India, Thailand, the Philippines, Nepal, and Guatemala.
# Women’s Health Research Day 2016

*Sponsored by the Penn State Center for Women’s Health Research, the Department of Psychiatry, and the Network on Child Protection & Well-Being*

Thursday, April 28, 2016  8:00 am – 3:15 pm  
Penn State College of Medicine, University Conference and Fitness Center

## Conference Schedule

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<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>8:00a-8:30a</td>
<td>Breakfast and Set Up</td>
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</table>
| 8:30a-8:45a | Welcome and Opening Remarks               | Jennifer McCall-Hosenfeld, MD, MSc – Conference Co-Chair  
Associate Professor of Medicine and Public Health Sciences, Penn State College of Medicine; Director, Penn State Center for Women’s Health Research  
Danielle Symons Downs, PhD – Conference Co-Chair  
Professor of Kinesiology and Obstetrics & Gynecology, Penn State College of Health and Human Development  
Erika F.H. Saunders, MD  
Associate Professor and Chair of Psychiatry, Penn State College of Medicine  
Jennie Noll, PhD  
Professor of Human Development and Family Studies, Penn State College of Health and Human Development; Director, Network on Child Protection and Well-Being                                                                 |
| 8:45a-9:45a | KEYNOTE ADDRESS                           | Hanni M. Stoklosa, MD, MPH  
Co-Director, HEAL Trafficking; Brigham and Women’s Hospital, Connors Center for Women’s Health and Gender Biology, Harvard Medical School |
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<tr>
<th>9:45a-9:55a</th>
<th>Break</th>
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| 9:55a-10:55a | **Research Presentations: Session I**  
 Moderator: Cynthia H. Chuang, MD, MSc  
 Professor of Medicine and Public Health Sciences, Penn State College of Medicine  
  
9:55am – Deepa Sekhar, MD, MSc, Associate Professor of Pediatrics –  
“Hemoglobin Values for Detection of Iron Deficiency Among Reproductive Age Women”  
  
10:10am – Clara Etter, BS, Graduate Student in Kinesiology –  
“Increases in Perceived Stress Distinguish Anovulation from Less Severe Exercise-Related Menstrual Disturbances in Young Women”  
  
10:25am – Katherine M. McNitt, BS, RD, Nutritionist, Department of Nutritional Sciences –  
“Programming Effect of the Intrauterine Environment on Fetal Growth: Study Methods and Protocol”  
  
10:40am – Alan Reynolds, AB, Medical Student –  
“Effectiveness of Pharmacotherapy in Preventing Fractures in Women” |
| 10:55a-11:05a | **Introduction to the Division of Population Health Research & Development**  
Christopher Sciamanna, MD, MPH  
Professor and Chief, Division of Population Health Research & Development, Penn State College of Medicine |
| 11:05a-12:35p | **Poster Session and Networking Lunch** |
| 12:35p-1:35p | **PANEL DISCUSSION: Innovative Approaches to Prevent Violence Against Women**  
Moderator: Carol S. Weisman, PhD  
Distinguished Professor of Public Health Sciences and Obstetrics and Gynecology, Penn State College of Medicine  
  
Discussants:  
Shannon Frattaroli, PhD  
Associate Professor of Health Policy and Management; Associate Director |
for Outreach, Center for Gun Policy and Research, Johns Hopkins Bloomberg School of Public Health

**Firearms and Intimate Partner Violence: Implications for Women’s Health**

Hanni M. Stoklosa, MD, MPH
Co-Director, HEAL Trafficking; Brigham and Women’s Hospital, Connors Center for Women’s Health and Gender Biology, Harvard Medical School

**An Innovative Approach to Human Trafficking**

Jennie Noll, PhD
Professor of Human Development and Family Studies, Penn State College of Health and Human Development; Director, Network on Child Protection and Well-Being

**Pathways to Risk for Violence Against Women**

Jennifer McCall-Hosenfeld, MD, MSc
Associate Professor of Medicine, Penn State College of Medicine and Public Health Sciences; Director, Penn State Center for Women’s Health Research

**A Brief Intervention to Address Reproductive Coercion**

1:35p-1:45p
Break

1:45p-2:45p

**Research Presentations: Session II**
Moderator: Ping Du, MD, PhD
Assistant Professor of Medicine and Public Health Sciences, Penn State College of Medicine

1:45pm – **Emily Southmayd, BS**, Graduate Student in Kinesiology – “Unique Effects of Energy versus Estrogen Deficiency on Components of Bone Strength in Exercising Women”

2:00pm – **Julianne R. Lauring, MD**, Maternal Fetal Medicine Clinical Fellow, Department of Obstetrics and Gynecology – “Combined Hormonal Contraceptive Use In Reproductive Age Women with Medical Contraindications to Estrogen Use”
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<tr>
<td>2:15pm</td>
<td>Jaimey Pauli, MD, Assistant Professor of Obstetrics and Gynecology – “Exercise Intervention for the Reduction of Blood Pressure in Obese Gravidas”</td>
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<tr>
<td>2:30pm</td>
<td>David Proctor, PhD, Professor of Kinesiology and Physiology – “Augmented Blood Pressure Responses During Exercise in Postmenopausal Women: Adaptive or Maladaptive?”</td>
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<tr>
<td>2:45pm</td>
<td>Heather Allaway, MS, Graduate Student in Physiology – “Current and Past Menstrual Status is An Important Determinant of Femoral Neck Geometry in Exercising Women”</td>
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<td>3:00p-3:15p</td>
<td><strong>Awards Presentation and Closing Remarks</strong></td>
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<td>Jennifer McCall-Hosenfeld, MD, MSc – Conference Co-Chair</td>
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<td>Danielle Symons Downs, PhD – Conference Co-Chair</td>
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#1 Sixtus Aguree, MS, Graduate Student, Nutritional Sciences, College of Health & Human Development  
Normal Plasma Volume Expansion and Micronutrient Status in Pregnancy

#2 Dara Babinski, PhD, Assistant Professor of Psychiatry, College of Medicine  
Preliminary Evaluation of a Social Skills Treatment for Adolescent Girls with ADHD

#3 Andrea Benton, MD, Fellow, Obstetrics and Gynecology, College of Medicine  
Hysterectomy in Women with Previous Cesarean Section: Lateral Dissection Technique for Creation of a Bladder Flap

#4 Alison Gernand, PhD, MPH, Assistant Professor of Nutritional Sciences, College of Health & Human Development  
Maternal Vitamin D Deficiency, Implantation, and Placental Development in Mice

#5 Alexandra Gundersen, BS, Medical Student, College of Medicine  
Opportunities for Education regarding Breast Health and Breast Cancer Risk Assessment among Primary Care Providers

#6 E. Scott Halstead, MD, PhD, Assistant Professor of Pediatrics, College of Medicine  
GM-CSF Confers Protection from Severe Influenza Infection through Accelerated Recovery of Lung Homeostasis

#7 Jacqueline Heath, BA, Medical Student, College of Medicine  
Fitness and Body Mass Index: Relation to Diabetes, Hypertension and High Cholesterol among Female Patients Referred for Symptom Limited Exercise Treadmill Testing

#8 Julianne R. Lauring, MD, Fellow, Obstetrics & Gynecology, College of Medicine  
Comparison of Healthcare Utilization, Maternal and Neonatal Outcomes with Currently Recommended Gestational Diabetes Diagnostic Criteria

#9 Krista Leonard, BA, Graduate Student, Kinesiology, College of Health & Human Development  
Lower Maternal Exercise Behavior in Women with Gestational Diabetes Mellitus Associated with Increased Fetal Growth and Infant Birth Weight
#10 Laura Leuenberger, BA, Medical Student, College of Medicine
Perceptions of firearms among Intimate Partner Violence (IPV)-exposed women

#11 Judith A. Osae-Larbi, MSc, Graduate Student, Mountcrest University College, Ghana
Gender differences in forgiveness among parents of murdered children in the United States and Ghana

#12 Faustina Oware-Gyekye, MPhil, Associate Professor of Nursing/Midwifery, Mountcrest University College, Ghana
Breast Cancer Diagnosis – Reactions and Factors Influencing Treatment Decisions of Ghanaian Women

#13 Abigail M. Pauley, MS, Research Coordinator, Kinesiology, College of Health & Human Development
Preliminary Findings from Healthy Mom Zone: An Individually-Tailored Intervention to Manage Weight Gain in Overweight and Obese Pregnant Women

#14 Jeffrey D. Poot, DO, Resident, Radiology, College of Medicine
On Your Benchmark, Get Set, Go! An Innovative Simulation Screening Mammography Module Created for Instruction and Assessment: Radiology Residents Versus National Benchmarks - How Did They Do?

#15 Ashley Snyder, MD, Fellow, General Internal Medicine, College of Medicine
Effect of the Contraceptive Provision of the Affordable Care Act on Insertion Rates and Out-of-Pocket Costs for the Intrauterine Device

#16 Anna Stanhewicz, PhD, Post-Doctoral Fellow, Kinesiology, College of Health & Human Development
Endothelium-Dependent Vasodilation is Attenuated in the Microvasculature of Formerly Preeclamptic Women

#17 Audrey Stokes, MD, Resident, Surgery, College of Medicine
Trends in Resource Utilization for Eating Disorders in the US: Evidence from the Kid’s Inpatient Database

#18 Demi P. Letsa, MPH, BSN, RN, Lecturer in Nursing/Midwifery, Mountcrest University College, Ghana
Stigmatizing the Solution Away: The Impact of Language on Adolescent Pregnancy in Ghana