Department of Obstetrics and Gynecology

UNIVERSITY OF WISCONSIN
SCHOOL OF MEDICINE AND PUBLIC HEALTH

Department Research Day

May 26, 2022
7:00 – 10:00a.m.
1306 Health Sciences Learning Center (HSLC)

OR

https://uwmadison.zoom.us/j/98296776291?pwd=YVdZdU5XUitxdDZPMWpDS1lLS29rdz09
Meeting ID: 982 9677 6291
Passcode: drd052622
One tap mobile:
+13126266799,,98296776291,,,476741619#

Join by phone
Dial: +1 312 626 6799
Meeting ID: 982 9677 6291
Passcode: 476741619
Keynote Speaker
Dr. & Mrs. Thomas A. Leonard Visiting Professor Series

Dr. Jeffrey Peipert is the Clarence E. Ehrlich Professor and Chair of Obstetrics and Gynecology at Indiana University School of Medicine. He is board-certified in obstetrics and gynecology and has a doctorate in epidemiology. He has conducted numerous studies including: NICHD-funded randomized trial of an intervention to encourage dual method contraceptive use to prevent unplanned pregnancy and STIs. He was also the Principal Investigator of the Contraceptive CHOICE Project, which recruited 9,256 women and followed them for 2-3 years for contraceptive effectiveness, satisfaction, and continuation rates. Dr. Peipert’s research interests are family planning, STI prevention, and public health.

Schedule

7:00a.m.  Continental Breakfast
Welcome and Introduction of Keynote Speaker – Dr. Lisa Barroilhet

7:05-8:05a.m.  **Keynote by Dr. Jeffrey Peipert**
The Contraceptive CHOICE Project to Path4You: Lessons Learned

8:05-8:30a.m.  **Break/Poster Session**

8:30-8:50a.m.  **Dr. Shannon Rush**
A Revised Markov Model Evaluating Oophorectomy at the Time of Hysterectomy for Benign Indication: Age 65 Years Revisited

8:50-9:10a.m.  **Dr. Jenny Jacobson**
Uterine artery endothelium enhances the development of hypertension in preeclampsia via immune-mediated secretion of Th17 cytokines

9:10-9:30a.m.  **Dr. Laura Jacques**
"I'm going to be forced to have a baby": A study of COVID-19 abortion experiences on Reddit

9:30-9:50a.m.  **Dr. Jane Seymour**
Measuring health care access: Lessons from studies of abortion access in the United States

9:50-10:00a.m.  Closing Remarks – Dr. Lisa Barroilhet
1. **Follicular Immune Signature of Polycystic Ovarian Syndrome in Women Undergoing Infertility Treatment**
   Authors: Soma Banerjee, MD, MS; Fernanda B. Levya Jaimes; Abigail A. Zettel, BS; Eryne T. Jenkins; Jason Austin, BS; Nesya G. Graupe; Laura G. Cooney, MD*; Aleksandar K. Stanic, MD, PhD*
   *equal senior authors
   Department of Obstetrics and Gynecology, University of Wisconsin School of Medicine and Public Health

2. **Characterizing T cell exhaustion in ovarian cancer ascites**
   Authors: Mayra Betancourt Ponce1, Manish Patankar, PhD1; Lisa Barroilhet, MD, MS1
   1Department of Obstetrics and Gynecology, Division of Gynecologic Oncology, University of Wisconsin School of Medicine and Public Health

3. **The effects of decreased estradiol action in metabolic regulation of white and brown adipocyte lipolysis and thermogenesis in female nonhuman primates**
   Authors: Benjamin Bochenski; Molly Willging, BS; David Abbott, PhD
   University of Wisconsin-Madison, Wisconsin National Primate Research Center, Department of Obstetrics and Gynecology, Endocrinology and Reproductive Physiology Graduate Program

4. **Postoperative Prescribing Practices following Gynecologic Surgery**
   Authors: Rachel Craven, MS1; Emily Buttigieg, MD1; Heidi Wendell Brown, MD, MAS1
   1 Department of Obstetrics and Gynecology, University of Wisconsin School of Medicine and Public Health

5. **Outpatient Palliative Care Utilization and Aggressiveness of End-of-Life Care in Women with Gynecologic Cancers**
   Authors: Kathryn Dryer, MD1; Janelle Sobecki, MD2; Michael Lasarev, MS3; Lena Law, BA4; Anna Stecher, MD5; Ellen Hartenbach, MD2
   1 Department of Obstetrics and Gynecology, University of Wisconsin School of Medicine and Public Health
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   3Department of Biostatistics and Medical Informatics, University of Wisconsin School of Medicine and Public Health
   4University of Wisconsin School of Medicine and Public Health
   5Division of Hematology, Medical Oncology and Palliative Care, University of Wisconsin School of Medicine and Public Health
6. **Redefining the Spectrum of Pentosan Polysulfate Retinopathy: Multimodal Imaging Findings from a Cross-Sectional Screening Study**  
   Authors: Mihai Mititelu¹; Andrew Dieu¹; Samuel Whittier¹; Jeong W. Pak¹; Rick Voland¹; Kelly Boyd¹; Justin Gottlieb¹; Gordon Crabtree¹; Dobie Giles²; Amitha Domalpally¹  
   ¹ Department of Ophthalmology and Visual Sciences, University of Wisconsin School of Medicine and Public Health  
   ² Department of Obstetrics and Gynecology, University of Wisconsin School of Medicine and Public Health

7. **Patient Reported Improvement and Adherence in Sexual Health Outcomes Following Care in a Sexual Health Clinic for Women with Cancer**  
   Authors: Megan F. Peterson, NP¹; Joanne K. Rash, PA-C¹; Lori A. Seaborne, PA-C²; David Kushner, MD¹; Janelle N. Sobecki, MD¹  
   ¹Division of Gynecologic Oncology, Department of Obstetrics and Gynecology, University of Wisconsin School of Medicine and Public Health  
   ²University of Wisconsin School of Medicine and Public Health

8. **The Impact of Subspecialty Training on Outcomes Following Surgery for Pelvic Organ Prolapse**  
   Authors: Kristina J. Warner, MD¹; Oluwateniola Brown, MD²; C. Emi Bretschneider, MD²  
   ¹Department of Obstetrics and Gynecology, Northwestern University, Chicago, IL  
   ²Division of Female Pelvic Medicine and Reconstructive Surgery, Northwestern University, Chicago, IL

9. **Aromatase Inhibition Fails to Exaggerate Weight Gain and Induce Bone Loss in Ovariectomized Female Marmosets**  
   Authors: Molly Willging, BS; Marissa Kraynak, PhD; Alex Kuehlmann, BS; Amita Kapoor, PhD; Matthew Flowers, PhD; Ricki Colman, PhD; Jon Levine, PhD; David Abbott, PhD  
   University of Wisconsin-Madison, Wisconsin National Primate Research Center, Endocrinology-Reproductive Physiology Training Program, Center for Women’s Health, Department of Medicine, Department of Cell and Regenerative Biology, Department of Neuroscience, Departments of Obstetrics
10. Thromboembolic Events in Gynecologic Cancer Patients Treated with Chemotherapy
Authors: Ran Zhang, MD1; Taylor P. Stewart, BS2; Kaitlin Tetreault, MS3; Roxana Alexandridis, PhD3; Jason J. Bergsbaken, PharmD4; Sumer Wallace, MD1; David Kushner, MD1; Ellen Hartenbach, MD1
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2University of Wisconsin School of Medicine and Public Health
3Biostatistics and Medical Informatics, University of Wisconsin School of Medicine and Public Health
4School of Pharmacy, University of Wisconsin-Madison

11. An Endogenous Aryl Hydrocarbon Receptor Ligand Induces Preeclampsia-like Phenotypes in Rats
Authors: Ying-jie Zhao1; Chi Zhou2; Hui-hui Li1; Jay S. Mishra3; Sathish Kumar1,3; Jing Zheng1
1Department of Obstetrics and Gynecology, University of Wisconsin School of Medicine and Public Health
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Special Acknowledgements

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Dr. David Kushner, Vice Chair of Research

Dr. Manish Patankar, Vice Chair of Research

Dr. Christine Heisler, FPMRS Fellowship Director

Dr. J. Igor Iruretagoyena, MFM Fellowship Director

Dr. Ryan Spencer, GynOnc Fellowship Director and Ob-Gyn Residency Program Director

Dr. Ian Bird, Dr. Jenny Jacobson’s research mentor

Dr. Manish Patankar, Dr. Shannon Rush’s research mentor

Dr. Jenny Higgins, Dr. Jane Seymour’s research mentor

Andrea Zorbas, Research Manager

Kellie Baumann, Clinical Research Manager

Autumn Hayes, Event Coordinator

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