

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

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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

Poster Presentations

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

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5. *Outpatient Palliative Care Utilization and Aggressiveness of End-of-Life Care in Women with Gynecologic Cancers*

Authors: Kathryn Dryer, MD¹; Janelle Sobbecki, MD²; Michael Lasarev, MS³; Lena Law, BA⁴; Anna Stecher, MD⁵; Ellen Hartenbach, MD²

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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 Volland¹; Kelly Boyd¹; Justin Gottlieb¹; Gordon Crabtree¹; Dobie Giles²; Amitha Domalpally¹

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¹Department 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

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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

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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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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 Kumar^{1,3}; Jing Zheng¹

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Autumn Hayes, Event Coordinator

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