

National Institute of Child Health and Human Development (NICHD)  
National Institutes of Health

Women's Reproductive Health Research Career Development Program (WRHR)

WRHR Scholars' Research Symposium

Oregon Health & Science University (OHSU)  
The Benson Hotel  
Portland, Oregon

May 15-17, 2007

AGENDA

Tuesday, May 15, 2007  
Mayfair Ballroom

11:30 - 1:00p WRHR Registration

12:00 - 1:00 WRHR Poster Set Up

**Combined Meeting of the WRHR Program and Specialized Cooperative Centers  
Program in Reproduction and Infertility Research (SCCPIR)**

1:00 - 1:10 *Welcome and Opening Remarks*  
Joanna Cain, Director, WRHR, OHSU  
Florence Haseltine, Director, Center for Population Research, NICHD  
Estella Parrott, Program Director, Reproductive Sciences Branch and  
Program Director, WRHR, NICHD

1:10 - 2:10 **Keynote Address**  
*Broad and Complex Actions of Estrogen: What Has the WHI Told Us and  
is There More to the Story?*  
Phyllis M. Wise  
University of Washington

2:10 - 2:40 **Special Lecturer**  
*Systems Biology, Reproduction and Women's Health*  
Linda C. Giudice  
University of California, San Francisco

2:40 - 3:00 **Break**

**Integrated SCCPIR and WRHR Session (Chairs: R. Jeffrey Chang, Judy Cameron)**

- 3:00 - 3:20 *Regulation of Nocturnal LH (GnRH) Pulse Secretion is Altered in Obese Peripubertal Girls: Does Altered Progesterone Negative Feedback Play a Role?*  
C.R. McCartney, S.R. Blank, K.D. Helm, J.C. Marshall  
 University of Virginia Health System (SCCPIR)
- 3:20 - 3:40 *Does Obesity Reduce HPO Axis Suppression in Oral Contraceptive Users: A Mechanism for Failure?*  
Alison B. Edelman, Nichole E. Carlson, Richard L. Stouffer, Judy Cameron, Jeffrey T. Jensen  
 Oregon Health & Science University, Oregon National Primate Research Center (WRHR)
- 3:40 - 4:00 *Differences in the Brain in Monkeys Who are Sensitive Versus Resilient to Stress-Induced Reproductive Dysfunction*  
J.L. Cameron, M.L. Centeno, S.M. Herod, R.L. Sanchez, C.L. Bethea  
 Oregon National Primate Research Center, Oregon Health & Science University (SCCPIR)
- 4:00 - 4:20 *CTF18: A New Player in Mammalian Germ Cell Development*  
Karen M. Berkowitz, Lydia R. Koenig, Fang Yang, P. Jeremy Wang, Thomas A. Jongens, Klaus Kaestner  
 University of Pennsylvania School of Medicine, University of Pennsylvania School of Veterinary Medicine (WRHR)
- 4:20 - 4:40 *Role of the Prokineticin2/Prokineticin Receptor 2 in GnRH Ontology*  
N. Pitteloud, L. Cole, C. Zhang, D. Pignatelli, J.D. Li, T. Raivio, P. Mellon, L. Plummer, V. Hughes, C. Huot, H. Lavoie, P. Speiser, A. Takeshita, I. Sidis, G. Van Vliet, A. Dwyer, Q.-Y. Zhou, W. Crowley, Jr.  
 Harvard University, University of California, San Diego School of Medicine (SCCPIR)
- 4:40 - 5:00 *Hypoxia Alters Trophoblast Secretion of Pigment Epithelium-Derived Factor (PEDF) and its Receptor, Adipose Tissues Tricyglycerol (ATGL)*  
Beth A. Plunkett, Jennifer A. Doll, Mona Cornwell, Susan E. Crawford  
 Northwestern University Feinberg School of Medicine (WRHR)
- 5:00 **Adjourn**
- 5:00 - 6:45 **Integrated SCCPIR and WRHR Poster Session** (and Hors D'oeuvres)
- 7:00 - 7:15 *Buses Leave from Benson Hotel for Travel to OHSU Center for Women's Health*
- 7:30 - 8:30 *Dinner in Foyer of Center for Women's Health and Tours*

8:30 – 8:45 *Participants Take Sky Tram to OHSU Center for Health & Healing (CHH)*

8:45 – 10:00 *Desert and Coffee and Tours of the CHH, OHSU Fertility Center*

10:00 *Buses leave for Benson Hotel from CHH*

**Wednesday, May 16, 2007**  
**Mayfair Ballroom**

**WRHR Scholars' Research Symposium**

7:30 - 8:25a Continental Breakfast and Registration

8:25 – 8:30 *Welcome*  
Joanna Cain, Director, WRHR, OHSU

**Oral Presentations: Chair: Joanna Cain**

8:30 - 9:30 **Keynote Address**  
*Building a Research Career in Gender-Based Medicine*  
Patricia Hurn  
Director, Center for Gender Medicine Research, OHSU

9:30 - 10:20 **Break and WRHR Poster Session** (Presentations at Posters)

10:20 - 10:40 *Innate Immunity of Apoptosis-Resistant Human  $\gamma\delta$ -T Cells Against Ovarian Cancer Cells*  
Warner K. Huh, Kelly E. Hoskins, Rachel C. Kruspe, Mark Bridges,  
Ben L. Guo, Lawrence S. Lamb, Richard D. Lopez  
University of Alabama at Birmingham

10:40 - 11:00 *Expression of Spermatogenesis-Related Retrogenes in Ovarian Cancer*  
Matthew L. Anderson, Russell Broaddus, Jan Rohozinski  
Baylor College of Medicine, The University of Texas M.D. Anderson  
Cancer Center, Wake Forest School of Medicine

11:00 - 11:20 *Inhibition of the Phosphatidylinositol-3-kinase/Akt Pathway Sensitizes Ovarian Cancer Cells to Cisplatin or Paclitaxel in Vitro*  
Amer Karam, Mirela Fekete, Chintda Santiskulvong, Carol Eng,  
Oliver Dorigo  
David Geffen UCLA School of Medicine

11:20 - 11:40 *PDIP38 and HPV 16 E6 Oncoprotein: Targeting a Novel Interaction Within Cell-Cycle Dysregulation*

Eugene P. Toy, Robert Rose  
University of Rochester School of Medicine and Dentistry

11:40 - 12:00 *NICHD Research Updates*  
Estella Parrott  
WRHR Program Director, NICHD

12:00 - 1:30 **Lunch** (Box Lunches Provided).  
*WRHR and Life After WRHR*  
WRHR Alumni Jeanne Marie Guise and Jeffrey Jensen, OHSU

**Oral Presentations: Chair: Gautam Chaudhuri**

1:30 - 1:50 *Reoperation After Surgery for Urinary Incontinence in Washington State*  
Michael F. Fialkow, Rebecca Gaston Symons, David R. Flum  
University of Washington School of Medicine

1:50 - 2:10 *Gene Expression Profiling of Multiple Leiomyomata Uteri and Matched Normal Tissue from a Single Patient*  
Irina K. Dimitrova, Jennifer K. Richer, Andrew P. Bradford  
University of Colorado Health Sciences Center

2:10 - 2:30 *An FMRI Investigation of Sexual Arousal and Peripheral Response in Healthy, Heterosexual Women and Women with Hypoactive Sexual Desire Disorder*  
Leah S. Millheiser, John Desmond, Mary Lake Polan, Bruce A. Arnow  
Stanford University School of Medicine, The Johns Hopkins School of Medicine, Columbia University College of Physicians and Surgeons

2:30 - 2:50 *Maternal Age at Menopause Determines Urinary Early Follicular Phase Follicle Stimulating Hormone Levels*  
Anne Z. Steiner, Donna D. Baird  
University of North Carolina School of Medicine, National Institute of Environmental Health Sciences

2:50 - 3:00 **Break**

**Oral Presentations: Chair: Leslie Myatt**

3:00 - 3:20 *Proteomic Biomarkers of Intra-Amniotic Inflammation: Relationship with Funisitis and Early-Onset Sepsis in the Premature Neonate*  
Buhimschi CS, Buhimschi IA, Abdel-Razeq S, Rosenberg VA, Thung SF, Zhao G, Wang E, Bhandari V.  
Yale University School of Medicine

3:20 - 3:50 *Effect of Chorion-Decidua on Prostaglandin E2 Production in Human*

*Fetal Membranes*

Hassan M. Harirah, Wahiduz Zaman, David K. Watson, Mahmoud S, Ahmed

University of Texas Medical Branch

- 3:50 – 4:10 *Behavioral Phenotypes of Mice Conceived by IVF*  
Paolo F Rinaudo, Gnanaratman Ghiritharan, Disebastiano Francesca, Richard Weiner, Anne Donjacour  
University of California, San Francisco
- 4:10 – 4:30 *The Genetics of Lateral Fusion Defects during Female Reproductive Tract Development*  
Dwight R. Cordero, Lauren N. Bowen, Cynthia C. Morton, Christopher A. Walsh, Bradley J. Quake  
Brigham and Women's Hospital, Harvard Medical School, Beth Israel Deaconess Medical Center
- 4:30 – 5:00 *Sex Differences in Medicine*  
Florence Haseltine, NICHD
- 5:00 **Adjourn**
- 5:15 *WRHR Scholars Remove Posters from Poster Boards*
- 6:00 *Buses Depart Benson Hotel for Dr. Joanna Cain's house*
- 6:30 *Buffet Dinner at Dr. Cain's Residence*
- 8:30 *Buses Return to the Benson Hotel*

**WRHR Directors' Meeting (Principal Investigators and Program Directors)**

**Thursday, May 17, 2007**

**Regency Boardroom**

- 7:30 – 8:00a Continental breakfast
- 8:00 – 12:00 PI/PD Meeting
- 12:00 **Adjourn**