

North American Society for Psychosocial Obstetrics & Gynecology



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# 2016 Biennial Meeting Program



Icahn School  
of Medicine at  
Mount  
Sinai

Jointly provided with

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## April 8-10, 2016

*New York Academy of Medicine  
New York City*



## ANNUAL MEETING PLANNING COMMITTEE

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Icahn School of Medicine at Mount Sinai  
New York, NY

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## TABLE OF CONTENTS

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Program	4-7
Speaker Bios & Financial Disclosures	7-15
CME Information	15-16
Steiner Young Investigators	17-18
Posters	19-22

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***Please wear your badge at all times since this will allow admission to sessions.***

***If you need any assistance, please contact NASPOG Staff  
Debby Tucker on her mobile at 301-919-4729.***

### **ACCREDITATION:**

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of **the Icahn School of Medicine at Mount Sinai** and **the North American Society for Psychosocial Obstetrics & Gynecology**. The Icahn School of Medicine at Mount Sinai is accredited by the ACCME to provide continuing medical education for physicians.

### **CREDIT DESIGNATION STATEMENT:**

#### **Physicians:**

The Icahn School of Medicine at Mount Sinai designates this live activity for a maximum of **19.25 AMA PRA Category 1 Credit(s)<sup>TM</sup>**. Physicians should only claim credit commensurate with the extent of their participation in the activity.

#### **Psychologists/Social Workers/Nurses:**

Continuing Medical Education Credits are available for Physicians. Most state boards for Psychologists, Social Workers and Nurses have informed us that they will accept these credits. It is up to each attendee to verify with your own state licensing boards.

**For more details, please go to pages 15-16**

***This conference is supported in part by an unrestricted educational grant from Pfizer.***

The NASPOG Biennial Meeting is being held in association with these Cooperating Organizations:

- The Departments of Psychiatry and Obstetrics, Gynecology and Reproductive Science, Icahn School of Medicine at Mount Sinai
- Postpartum Resource Center of New York – [www.postpartumny.org](http://www.postpartumny.org)
- Postpartum Support international - [www.postpartum.net](http://www.postpartum.net)
- The Marce Society – [www.marcesociety.com](http://www.marcesociety.com)
- ISPOG - International Society of Psychosomatic Obstetrics & Gynecology – [www.ispog.org](http://www.ispog.org)
- International Association for Women's Mental Health – [www.iawmh.org](http://www.iawmh.org)

# PROGRAM

*All sessions will be in the Library, 3<sup>rd</sup> Floor, unless otherwise noted.*

## FRIDAY, April 8, 2016

7:30am – 5:00pm	Registration
7:30am – 8:30am	CONTINENTAL BREAKFAST
8:30am – 8:45am	<b>Welcome Remarks</b> NASPOG President - Shari I. Lusskin, MD, Icahn School of Medicine at Mount Sinai, New York
8:45am – 11:45am	<b>Symposium: Perinatal Psychiatric Disorders: Challenges in Treatment</b> <i>Moderator: Michael O'Hara, PhD, University of Iowa</i> Speakers/Panel: <ul style="list-style-type: none"><li>• <b>Mood Disorders in Pregnancy and Postpartum</b> <i>Judy A. Greene, MD, New York University School of Medicine, New York</i></li><li>• <b>Non-pharmacologic Treatments for Perinatal Depression</b> <i>Deirdre Ryan, MD, University of British Columbia, Vancouver</i></li></ul>
10:00am – 10:15am	<b>BREAK</b> <ul style="list-style-type: none"><li>• <b>Antidepressants and Anxiolytics</b> <i>Katherine L. Wisner MD, MS, Northwestern University, Chicago</i></li><li>• <b>Mood Stabilizers and Antipsychotics</b> <i>Shari I. Lusskin, MD, Icahn School of Medicine at Mount Sinai, New York</i></li></ul>
12:00 – 1:00pm	<b>Luncheon Lecture - Lighter as We Go: Women &amp; Aging</b> Jimmie C. Holland, MD, Memorial Sloan Kettering Cancer Center, New York Mindy Greenstein, PhD, Memorial Sloan Kettering Cancer Center, New York
1:15pm – 3:15pm	<b>Symposium: Menopause / Woman-to-Woman /An International Perspective</b> <i>Chair: Zipora Dolev, MD, Israel</i> <ul style="list-style-type: none"><li>• <b>The Menopausal Woman, the Gynecologist &amp; the Psychiatrist</b> <i>Yael Arbel-Derowe, MD, OB-GYN, Laniado Medical Center and Tel Aviv University, Israel</i> <i>Zipora Dolev, MD, Psychiatry Private Practice and Tel Aviv University, Israel</i></li><li>• <b>Use of Prescription and Over-the Counter Medications Among Midlife Women in Israel</b> <i>Prof. Liat Lerner-Geva MD, PhD, The Gertner Institute for Epidemiology and Health Policy Research, Israel</i></li><li>• <b>Could Hormonal Therapy Prevent Cardiovascular Disease in Women in 21<sup>st</sup> Century?</b> <i>Bella Koifman MD, Women's Heart Clinic, Tel Aviv Sourasky Medical Center, Israel</i></li></ul>
3:15pm – 3:45pm	BREAK
3:45pm - 5:00pm	<b>Steiner Young Investigator Symposium</b> <i>Moderator: C. Neill Epperson MD, University of Pennsylvania</i> <ul style="list-style-type: none"><li>• <b>Neural Correlates of Default Mode Network Connectivity in Women with Bipolar Disorder in Remission</b> <i>Sabrina Kaur Syan, PhD Student, McMaster University, Hamilton, Canada</i></li><li>• <b>Maternal Distress Predicts Poorer Success of Assisted Reproductive Technology: A Meta-Analytic Investigation</b> <i>Jennifer Nicoloso-SantaBarbara, PhD Student, Stony Brook University, New York</i></li><li>• <b>Effectiveness of Training Intervention on Perceived Competence and Confidence for N/IICU Nurses</b> <i>Lauren DeRuyter, MS, Drexel University, Philadelphia</i></li><li>• <b>Investigating the Relationship Between Prenatal Antidepressant or Nicotine Exposure, Maternal Executive Functioning, and the Quality of Dyadic Interactions in Young Achool Age Children and Their Mothers</b> <i>Naomi B. Libby, MD, Yale School of Medicine, New Haven, Connecticut</i></li></ul>

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## FRIDAY, April 8, 2016 - *continued*

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6:30pm - 9:30pm  
President's Gallery  
1<sup>st</sup> Floor

**Paul C. Weinberg Memorial Lecture and Dinner** - *Ticket Purchase Required*  
**Womb Wars: Will Subjugating Women's Bodies Make America Great Again?**  
*Deborah Small, J.D./M.P.P., Executive Director, Break the Chains*

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## SATURDAY, April 9, 2016

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7:30am – 5:30pm  
7:30am – 8:30am

Registration  
CONTINENTAL BREAKFAST

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8:30am - 9:30am

### **Facilitated Roundtable Discussions**

*Moderator: Vesna Pirec, MD, PhD, Insight Behavioral Health Services, Chicago*  
Topics:

- **Infertility - Potential Causes and Consequences**  
*Facilitator: Vesna Pirec*
- **Addiction Treatment in Perinatal Women**  
*Facilitator: Lulu Zhao*
- **Perinatal Trauma**  
*Facilitator: Osarumen Doghor*
- **Integrative Care: Psychiatry and Obstetrics**  
*Facilitator: Jonathan Schaffir*
- **Sleep Disorders in Pregnancy**  
*Facilitator: Renata Scott-Ram*
- **Advocacy and Support in Perinatal Mental Illness**  
*Facilitator: Anna Brandon*
- **Perinatal Bipolar Disorder**  
*Facilitator: Sabrina Khan*
- **Maternal Care in the NICU**  
*Facilitator: Sarah Nagle-Yang*

***Sign up at Registration for the table at which you would like to participate.  
There are a limited number of seats per topic.***

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9:30am – 9:45am

BREAK

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9:45am – 11:45am

### **Symposium: Psychosocial Aspects of Fertility and Assisted Reproductive Technology**

*Moderator: Michael Silverman, PhD, Icahn School of Medicine at Mount Sinai*

- **Psychosocial Aspects of Fertility Preservation and Egg Freezing**  
*Elizabeth Fino, MD, NYU Langone Medical Center, New York*
- **Identification and Treatment of Mood Changes during Reproductive Assistance**  
*Catherine Birndorf, MD, The New York Presbyterian Hospital – Weill Cornell Medical Center*
- **The Association Between Various IVF Techniques and Offspring Outcomes**  
*Sven Sandin, PhD, Karolinska Institutet / Icahn School of Medicine at Mount Sinai, New York*

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12:00 – 1:30pm

### **Luncheon – President's Address & NASPOG Business Meeting**

*Shari I. Lusskin, MD, Icahn School of Medicine at Mount Sinai, New York*

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## SATURDAY, April 9, 2016 - *continued*

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1:45pm – 3:45pm

### **Symposium Panel: From Menarche to Menopause: Using Brain Imaging to Examine Brain-Hormonal Interactions**

*Chair: C. Neill Epperson MD, University of Pennsylvania, Philadelphia, PA*

- **Cortical GABA in Peripartum Depression**  
*Kristina Deligiannidis, MD, University of Massachusetts Med. School/UMass Memorial Medical Center Center for Psychopharmacologic Research and Treatment, Worcester, MA*
  - **Estradiol Effects on Neural and Mood Response to Psychosocial Stress in Pre and Post-Menopausal Women**  
*Kimberly Albert, PhD, Center for Cognitive Medicine – Vanderbilt Psychiatry, Nashville, TN*
  - **Female Reproductive Hormones, Hot Flashes, and Mood in Perimenopausal Depression**  
*Hadine Joffe, MD, MSc, Harvard Medical School/Brigham and Women's Hospital/Dana Farber Cancer Institute, Boston, MA*
  - **Executive Function Difficulties During the Transition to Menopause: What do Psychostimulants Do to the Brain and Behavior**  
*C. Neill Epperson MD, University of Pennsylvania, Philadelphia, PA*
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3:45pm – 4:00pm

BREAK

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4:00pm – 5:30pm

### **NASPOG Presents!**

*Moderator: Jonathan Schaffir, MD, The Ohio State University*

- **A Novel Approach to Reduce the Use and Misuse of Prescription Opioid Medication in Pregnancy**  
*Constance Guille, MD, Medical University of South Carolina, Charleston*
  - **Replication of Epigenetic Biomarkers of Postpartum Depression**  
*Jennifer Payne, MD, Johns Hopkins School of Medicine, Baltimore, MD*
  - **Will “The Pill” Make You Depressed?**  
*Inger Sundström Poromaa, MD, Uppsala Universitet, Sweden*
  - **Effect of Dietary Supplementation on Mood Induction in Early Postpartum**  
*Yekta Dowlati, PhD, Centre for Addiction and Mental Health, Toronto, Ont., Canada*
  - **Physical Activity Recommendations of Health Care Providers: A Pregnant Patient's Perspective**  
*Jeni Matthews, PhD Student, Arizona State University, Phoenix, AZ*
  - **Introducing New Interdisciplinary Standards of Psychosocial Care in NICU Settings**  
*Pam Geller, PhD, Drexel University, Philadelphia, PA*
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5:30pm - 7:00pm

*President's Gallery, 1<sup>st</sup> Floor*

### **POSTER SESSION and RECEPTION**

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***Free Evening / Dinner on Own***

## SUNDAY, April 10, 2016

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7:30am --1:00pm  
7:30am – 8:30am

Registration  
CONTINENTAL BREAKFAST

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8:30am – 10:30am

### **Symposium: Counseling Families with High Risk and Periviable Pregnancies**

*Chair: Men-Jean Lee, MD, Icahn School of Medicine at Mount Sinai, New York*

- **Counseling for Periviable Pregnancies – The MFM/OB Perspective**  
*Andrei Rebarber, MD, MFM Associates & Icahn School of Medicine at Mount Sinai, New York*
  - **Counseling for Periviable Pregnancies – The Neonatologist's Perspective**  
*Lucille Perrotta, MD, Mount Sinai Beth Israel Hospital & Icahn School of Medicine at Mount Sinai, New York*
  - **Premature Mom – A Patient's Perspective**  
*Cindy Kief, Patient, Mother and Advocate*
  - **Psychosocial Medicine and Periviability – Putting It All Together**  
*Men-Jean Lee, MD, Icahn School of Medicine at Mount Sinai, New York*
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10:30am – 10:45am

BREAK

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10:45am - 11:45am

### **Impact of Pregnancy Loss on Postpartum Psychological Functioning: Research, Practice and Current Controversies**

*Deborah Rich, PhD, Shoshana Center for Reproductive Health Psychology, St. Paul, MN*

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12:00 – 1:00pm

### **Luncheon Lecture: Eating for Two: The Long Term Impact of Eating Disorders on Pregnancy Outcomes**

*Nadia Micali, MD, Icahn School of Medicine at Mount Sinai*

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1:15pm – 3:15pm

### **Symposium: Substance Abuse in Women**

*Chair: Leena Mittal, MD, Brigham and Women's Hospital, Boston*

- **Substance Abuse in Perinatal Women: An Overview**  
*Leena Mittal, MD, Brigham and Women's Hospital, Boston, MA*
  - **Moms and Moms-to-Be in Recovery: A Perinatal Addiction Treatment Program**  
*Julia Frew, MD, Dartmouth Hitchcock Medical Center, Lebanon, NH*
  - **Introduction to Sex and Gender Differences in Substance Abuse Disorders**  
*Faye Chao, MD, The Addiction Institute of New York, Mount Sinai West Hospital*
- 

3:15pm – 3:30pm

### **Closing Remarks & Adjournment**

*NASPOG President - Shari I. Lusskin, MD*

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## SPEAKER BIOS & FINANCIAL DISCLOSURES

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**Kimberly Albert, PhD** – *speaker indicated that she has no relevant financial interests to disclose*

Kimberly Albert, Ph.D. is a postdoctoral research fellow at the Vanderbilt Center for Cognitive Medicine. Her research interests focus on the interface of cognition and emotion and examining how factors that affect cognitive processes (such as psychosocial stress and endocrine mechanisms) contribute to developing mood and cognitive disorders. Kim's work has focused on using functional brain imaging to assess the effects of ovarian hormones on stress responding and emotional - cognitive processes in women. Kim received her BS in Neuroscience from Johns Hopkins University and her PhD from the University of Vermont Neuroscience Graduate Program.



**Yael Arbel-Derowe, MD** – *speaker indicated that she has no relevant financial interests to disclose*

Dr. Yael Arbel DeRowe, MD, is a board-certified physician specializing OBGYN. Yael has also completed a Bachelor's in psychology and criminology, prior to joining the Sackler School of Medicine, Tel Aviv University. She has been primarily involved with obstetrics and women's health for these past three decades. In 1999 she took part in the establishment of one of the first holistic practices in Israel focusing exclusively on integral women's health. A decade later, she opened her own private holistic practice in Herzliya-Pituach, Israel. Yael is a firm believer in a woman's right to participate in choosing how she is to be treated; a belief which she advocates in her current capacity as senior attendant at the Laniado Hospital's labor ward. Yael's practice encompasses women in all life stages- from early adolescence to post-menopause. She places a particular emphasis on a woman's mental life and introduces into her treatment elements of psychological therapy, including hypnosis. In addition to her clinical work, Yael acts as mentor to medical students at the Sackler School of Medicine. She also contributed, as scientific editor, to a pioneering book on natural delivery in Israel and to the Hebrew edition of Christiane Northrup's- *Women's Bodies, Women's Wisdom* (2000).



**Catherine Birndorf, MD** – *speaker indicated that she has no relevant financial interests to disclose*

Catherine Birndorf, MD, specializes in Reproductive Psychiatry, an important area in mental health which helps women with emotional and psychiatric conditions before, during and after pregnancy and throughout the life cycle. Dr. Birndorf is the founding director of the Payne Whitney Women's Program at The New York Presbyterian Hospital – Weill Cornell Medical Center in New York City, where she continues to work as a senior consultant. She is Clinical Associate Professor of Psychiatry and Obstetrics & Gynecology. A Smith college graduate, Dr. Birndorf received her medical degree from Brown University Medical School and did her psychiatry residency at The New York Hospital – Weill Cornell Medical Center – Payne Whitney Clinic, serving as chief resident. She has published numerous articles, book chapters and writings about women's mental health. In addition to other awards, Dr. Birndorf most recently received Cornell's outstanding faculty award. She lectures internationally, educating and advocating for women, and serves on boards of several medical organizations including the President's Advisory Council of Postpartum Support International. Additionally, Dr. Birndorf founded the Women's Mental Health Consortium, a network of women's mental health clinicians and researchers in the greater New York City area. She has recently written her first book, co-authored with Lucy Danziger, Editor-in-Chief at *SELF* Magazine, entitled *The Nine Rooms of Happiness*, published by Hyperion (Voice) in 2010.

**Faye Chao, MD** – *speaker indicated that she has no relevant financial interests to disclose*

Faye Chao, MD is the unit chief of the inpatient addiction services at Mt. Sinai Roosevelt Hospital. She attended Jefferson Medical College in Philadelphia and completed her general psychiatry residency training at Harvard Longwood. She went on to an addiction psychiatry fellowship at NYU, and after fellowship, she worked at Bellevue Hospital for 1.5 years before moving on to her current position. She is board certified in both General and Addiction Psychiatry. Within the field of psychiatry, her interests include internet addiction and the management of pain in the addicted population.



**Kristina Deligiannidis, MD** – *speaker disclosed the following potential conflict: Grants/Research Support: SAGE Therapeutics (Clinical Trial). She will not discuss this trial or the investigational product as pertains to the trial.*

Dr. Kristina Deligiannidis is Associate Professor of Psychiatry and Obstetrics & Gynecology and Director of the Depression Specialty Clinic at Univ. of Massachusetts Medical School/ UMass Memorial Medical Center. She completed a B.S. in Biology/Neuroscience and B.S. in Psychology and a Research Program in Neuroscience and Behavior at the Univ. of Massachusetts at Amherst. As a recipient of NIH pre-doctoral Intramural Research Training Awards, she trained in molecular neuroendocrinology research at the NIH/NICHD. Dr. Deligiannidis completed additional research training at the NIMH and NICHD in developmental neuropsychiatry and more recently in experimental therapeutics and behavioral endocrinology. She received her medical degree from the Univ. of Massachusetts Medical School and completed psychiatry residency at UMass Medical School in 2009. As a reproductive psychiatrist, her expertise is focused on psychopharmacologic treatments for depression and anxiety during the peripartum period. Dr. Deligiannidis specifically conducts translational neuroendocrine and multi-modal neuroimaging research in the pathophysiology of peripartum depression and more broadly, studies the effects of sex steroids on neurochemistry and neurocircuitry in women. Her research efforts have been nationally recognized. She is the recipient of a 5-year NIMH K23 Award, an NIH LRP Award, and has received many awards including an American College of Neuropsychopharmacology (ACNP) Travel Award, Society of Biological Psychiatry (SOBP) Travel Award, Research Career Development Institute (CDI) for Psychiatry Award and NCDEU New Investigator Award. She is an appointed Young Investigator Member of the International Society of Psychoneuroendocrinology and a member of the Society of Biological Psychiatry (SOBP). She serves on the American Society of Clinical Psychopharmacology Board of Directors, is Chair of the SOBP Education Committee and serves as an Early Career Reviewer for the Center for Scientific Review at NIH.





**Lauren DeRuyter, MMS - *speaker indicated that she has no relevant financial interests to disclose***

Lauren DeRuyter, M.M.S is a recent graduate of Drexel University's Masters of Medical Science Program and currently a clinical research assistant working under the supervision of Dr. Pamela Geller in her Drexel University's Women's Health Psychology Lab and Dr. Chavis Patterson at The Children's Hospital of Philadelphia. Working in the lab, she had the opportunity to do her master's thesis on psychological effects, such as depression and anxiety, in mothers with infants in neonatal intensive care units (NICUs) and how various health behaviors can help to mitigate their symptom severity. She has continued to collaborate on lab projects assessing the various psychosocial issues and needs of parents with NICU infants and what we as future providers can do to help support these families. This fall she will be attending Wake Forest University's Emerging Leaders Program, a dual M.A. in Management from the School of Business and M.M.S in Physician Assistant Studies within the School of Medicine.



**Zippora Dolev, MD - *speaker indicated that she has no relevant financial interests to disclose***

Dr. Dolev graduated from medical school in Bologna Italy and did her residency in Psychiatry in Israel followed by 2 years fellowship at Mount –Sinai hospital in NYC. She was in charge of the liaison consultation of the OB-GYN departments of 2 hospitals in Tel-Aviv, and developed the field of Reproductive Psychiatry in her private practice. Her book "Women, Hormones and Mood" was published in 2003. In 2007 she organized the first conference on Reproductive Psychiatry. For 7 years she was on the committee of the gender-medicine organization in Israel, and developed the field as a psychiatrist. She is teaching residents at Tel –Aviv University, writing articles regarding women's health, and giving lectures to physicians from different fields. Recently she published a research on treatment of insomnia in menopause. Her present project is, a multidisciplinary group (menopause:W2W) which she created a year ago, with the scope of educating physicians and women about the symptoms and management of the menopause period.



**Yekta Dowlati, PhD - *speaker indicated that she has no relevant financial interests to disclose***

Yekta Dowlati, Ph.D. is a Postdoctoral Research Fellow at the Centre for Addiction and Mental Health in Toronto, Canada. Her interest is in developing natural health products to prevent or reduce symptoms of psychiatric illness, specifically women's mental illness, particularly in prodrome states. She is currently developing a nutraceutical for preventing postpartum depression at the level of a randomized double-blind placebo-controlled trial. Dr. Dowlati has received her PhD in Neuropsychopharmacology at the University of Toronto. Her PhD covered the early development work for a novel nutraceutical intended to target postpartum blues, which when severe is a prodrome for postpartum depression.



**Neill Epperson, MD – *speaker disclosed the following potential conflict: Research/Support: Shire Pharmaceuticals. Consulting Fees: Asarina, Forest Laboratories. Stock: Pfizer, J&J, Merck, Abbott, Abbvie***

Neill Epperson, M.D. is Professor of Psychiatry and Obstetrics and Gynecology at the Perelman School of Medicine at the University of Pennsylvania where she is also the Director of the Penn Center for Women's Behavioral Wellness and Co-Director of the Penn Building Interdisciplinary Research Career in Women's Health (BIRCWH) and the newly established cross-school initiative Penn PROMOTES Research on Sex and Gender in Health. Dr. Epperson's research addresses the interaction between stress and reproductive hormones as they impact mood and cognition across the lifespan.



**Elizabeth Fino, MD - *speaker indicated that she has no relevant financial interests to disclose***

New York fertility doctor, M. Elizabeth Fino, MD, is a board certified Reproductive Endocrinologist and Infertility Specialist at the NYU Langone Fertility Center. Dr. Fino obtained her undergraduate degree from Georgetown University, where she was a recipient of the prestigious National Institutes of Health Predoctoral Intramural Research Award. She went on to receive her medical degree from Temple University School of Medicine where she graduated with the honor of AOA and completed her residency and fellowship in Obstetrics and Gynecology/Reproductive Endocrinology and Infertility at New York University Langone Medical Center. Dr. Fino has lectured locally and internationally on the topic of fertility preservation for both medical and elective indications. She has been recognized by the International Association of Obstetricians and Gynecologists as a Leading Physician of the World & Top Reproductive Endocrinologist and Infertility Specialist and she has repeatedly been selected by SuperDoctors as a New York Rising Star. Dr. Fino is well known for her compassionate care and excellence in clinical practice. She is proud to be part of a world renowned team at NYU Fertility Center, achieving amongst the highest and most consistent pregnancy rates in the country following oocyte and embryo cryopreservation. Over her long tenure at NYU Langone Medical Center, Dr. Fino has received numerous awards including the Mortimer Levitz Award for Best Research Paper, the Barton Memorial Award for Graduating Honor Resident and the Berlex Junior Faculty Development Award. Dr. Fino was chosen to participate in the Fertility Advisory Committee of Fertile Hope, helping to develop a financial and educational support forum for cancer patients seeking fertility preservation. Dr. Fino is an Assistant Professor in the Department of Obstetrics and Gynecology at the New York University School of Medicine. She is a Fellow of the American College of Obstetrics and Gynecology and a member of the American Society for Reproductive Endocrinology (ASRM), the Fertility Preservation Special Interest Group of the ASRM, the Society for Reproductive Endocrinology and Infertility (SREI), and the International Society for Fertility Preservation. Outside of her life as a physician, Dr. Fino enjoys time with her family and activities such as skiing, hiking, and more recently family triathlons.



**Julia Frew, MD - speaker indicated that she has no relevant financial interests to disclose**

Dr. Julia Frew is Assistant Professor of Psychiatry at the Geisel School of Medicine at Dartmouth, Director of the Women's Mental Health Program at Dartmouth-Hitchcock Medical Center, and Staff Psychiatrist at the Dartmouth-Hitchcock Perinatal Addiction Treatment Program. She received her MD from the Brown-Dartmouth Program in Medical Education and completed her residency training and chief residency at Dartmouth-Hitchcock Medical Center. Dr. Frew splits her time between Reproductive Psychiatry and medical student and resident education.



**Pamela A. Geller, PhD - speaker indicated that she has no relevant financial interests to disclose**

Dr. Geller is an associate professor of psychology and public Health at Drexel University, and research associate professor of obstetrics/gynecology at Drexel University College of Medicine, in Philadelphia, and has studied women's health issues for over 25 years. She received her PhD in clinical psychology from Kent State University and completed a NIH postdoctoral fellowship in psychiatric epidemiology at the Joseph L. Mailman School of Public Health of Columbia University. Her work focuses on the psychological aspects of events surrounding pregnancy and childbirth, such as infertility, pregnancy loss, and postpartum depression.

Dr. Geller and colleagues created the education curricula, *Psychological and Medical Aspects of Pregnancy Loss* (recipient of an e-ERA award from the Association of Professors of Gynecology and Obstetrics; Available at: <https://www.mededportal.org/publication/10240>). With a visiting professorship in neonatology at the Children's Hospital of Philadelphia, she is addressing the experience of mothers with an infant in the Neonatal Intensive Care Unit (NICU) with ongoing projects relevant to parental distress and adjustment, and nurse education. Dr. Geller is an active member of a National Perinatal Association work group developing guidelines for psychosocial support services for NICU parents. She also serves on the Perinatal Loss Exam Development Committee for the National Board for Certification of Hospice and Palliative Nurses. Dr. Geller is an editor of the *Health Psychology* volume of the *Handbook of Psychology* (2013), as well as *Women's Health Psychology* (2013), both published by Wiley. She has presented her work nationally and internationally and has been featured on BBC Radio programs.



**Judy Greene, MD - speaker indicated that she has no relevant financial interests to disclose**

Judy Greene, MD is a Clinical Assistant Professor of Psychiatry at NYU School of Medicine and the NYU Women's Mental Health Fellowship Director. Over the past five years, Dr. Greene has developed a clinical program at Bellevue Hospital Center, to address the mental health needs of low-income pregnant and postpartum women with psychiatric disorders. Dr. Greene graduated from the Harvard Longwood Psychiatry Residency Training Program in 2006. She was Chief resident at Massachusetts Mental Health Center from 2005-2006. Upon completing her residency training, Dr. Greene was a staff psychiatrist at Cambridge Health Alliance (CHA) from 2006-2011, where she developed clinical expertise working with pregnant and postpartum women with psychiatric disorders.

**Mindy Greenstein, PhD - speaker indicated that she has no relevant financial interests to disclose**

Mindy Greenstein, Ph.D. is a clinical psychologist and cancer psychologist, as well as a writer, mother, and fellow cancer patient. She is a consultant to the geriatric group in the Department of Psychiatry at Memorial Sloan-Kettering Cancer Center, where she has also been a chief clinical fellow and co-developer of the Meaning-Centered Group Psychotherapy intervention with William Breitbart, M.D. She is particularly interested in how people experience aging from midlife through older age, both the positives (yes, there are many) and the negatives (which are better known). In addition to writing clinical and research papers and book chapters about how people cope with cancer, Dr. Greenstein has written personal essays for *The New York Times*, *Washington Post*, *Los Angeles Times*, and other publications. Her first book, *The House on Crash Corner* (Greenpoint, 2011)—a book of memoir/essay about how people cope with crisis—was selected by *O: The Oprah Magazine* as one of their "Books to Watch For." Her recent book, *Lighter as We Go: Virtues, Character Strengths, and Aging* (Oxford University Press, 2014, coauthored by Jimmie Holland, M.D.), explores the ways we learn to "travel light" over the years. It was selected by *The Wall Street Journal* as one of the best books of the year on life after 50. Dr. Greenstein lives in New York City with her husband and two teenage sons.



**Constance Guille, MD - speaker indicated that she has no relevant financial interests to disclose**

Constance Guille, MD, MSCR is a Reproductive Psychiatrist and Assistant Professor in the Department of Psychiatry and Behavioral Sciences at the Medical University of South Carolina. She is the Director of the Women's Reproductive Behavioral Health Program at MUSC and her current focus of research is in the use of prescription opioids medications during pregnancy.



**Jimmie C. Holland, MD - speaker indicated that she has no relevant financial interests to disclose**

Jimmie C. Holland, M.D., recognized internationally as the founder of the subspecialty of psycho-oncology, is Attending Psychiatrist and holds the first endowed chair in Psychiatric Oncology, the Wayne E. Chapman Chair at Memorial Sloan-Kettering Cancer Center. She is Professor of Psychiatry at Weill Medical College of Cornell University. She began the first fulltime Psychiatric Service in a cancer hospital in 1977 at Memorial Sloan-Kettering Cancer Center and in 1996, she became the first woman Chair of a clinical department at Memorial. From this base, the concept of psycho-oncology evolved to become a nationally recognized subspecialty of oncology. The Department of Psychiatry & Behavioral Sciences has trained over 300 psychologists and psychiatrists in both clinical and research areas. Dr. Holland was PI of the first research training grant in psycho-oncology which has continued uninterrupted for 34 years. Several key figures in psycho-oncology trained in the program: David Cella, Paul Jacobsen, Julia Rowland, Jamie Ostroff, Bill Redd, Bill Breitbart, as well as several in Europe, Asia and Africa. Dr. Holland studied the prevalence and nature of psychological problems in patients with cancer in the 1970s and established the first committee studying psychological and quality of life issues in a cooperative group, the

Cancer Leukemia Group B. In the 1980s she became the Founding President of the International Psycho-oncology Society (1984) and of the American Psychosocial Oncology Society (1986). Dr. Holland has been senior editor of the Oxford University Press textbooks in psycho-oncology, first *The Handbook of Psychooncology*, (1989); (1998); (2010), and 3<sup>rd</sup> Edition (2015). In 1992, she started the first international journal in the field, *Psycho-Oncology*, and continues as co-editor. Dr. Holland and Sheldon Lewis co-authored a book to help patients and their families cope with cancer, *The Human Side of Cancer*, (HarperCollins, 2000). Dr. Holland has chaired the National Comprehensive Cancer Network's (NCCN) Panel on Management of Distress since its beginning in 1997 which provided the first clinical practice guidelines for psychosocial care and management of distress. She was elected to the Institute of Medicine in 1995 and served on the panel that established a new standard of quality cancer care which demands that the psychosocial domain be integrated into routine cancer care. Dr. Holland has received awards from the American Cancer Society, ASCO, AACR, the American Psychiatric Association and The Margaret Kripke Award for Women in science from MD Anderson Cancer Center in 2015. She is married to Dr. James Holland, pioneer medical oncologist and Editor of the Holland-Frei Textbook, *Cancer Medicine*. They have 6 children and 10 grandchildren. Over the past seven years, Dr. Holland has directed a research group exploring the psychological issues for older people. A psychotherapy delivered by phone or in group addresses the unique issues they face of aging and illness. An off shoot is the Vintage Readers Book Club which stimulates elders to read the worlds' "vintage" classical literature. With Mindy Greenstein, they are bringing new research on aging to public awareness to reduce the fears and negative attitudes about aging. The book "Lighter As We Go", published September 2014, brings together concepts that place aging in a more positive light.



**Hadine Joffe, MD, MSc - *speaker indicated that she has no relevant financial interests to disclose***

Dr. Joffe is an Associate Professor of Psychiatry at Harvard Medical School with a joint position at Brigham and Women's Hospital and the Dana Farber Cancer Institute. She is the Vice Chair for Research in the Department of Psychiatry at Brigham and Women's Hospital, where she is also the Director of the Division of Women's Health. At the Dana Farber Cancer Institute, she is the Director of Psycho-Oncology Research in the Department of Psychosocial Oncology and Palliative Care. Dr. Joffe received her undergraduate degree from Harvard University, her medical degree from Cornell University Medical College, and her Masters Degree in Epidemiology from the Harvard School of Public Health. She completed her psychiatry residency training at McLean Hospital and a fellowship in Reproductive Psychiatry at Massachusetts General Hospital. Dr. Joffe runs the Women's Hormone and Aging Research Program. She is an experienced clinician and clinical translational researcher in women's mental health. Her work focuses on the course, mechanisms, and treatment of menopausal symptoms of hot flashes, sleep disturbance, and depression in healthy women and breast cancer patients. She studies the neural, hormonal, and autonomic basis of these menopause-related symptoms, as well as the best approaches to treating these menopause-related symptoms. In related women's mental health research, she has investigated the effects on endogenous and exogenous reproductive hormones on mood as well as the reproductive consequences of psychotropic medications.

**Cindy Kief - *speaker indicated that she has no relevant financial interests to disclose***

Mother and Advocate for Premature Mothers.



**Bella Koifman, MD - *speaker indicated that she has no relevant financial interests to disclose***

Dr. Koifman heads the Women's Heart Clinic at the Tel Aviv Sourasky Medical Center. She studied at the medical school of St. Petersburg University in the former USSR and went on to specialize in cardiology at the Tel Aviv Sourasky Medical Center. She subsequently has been working in the Cardiology Department of said Medical Center, which is a tertiary-care hospital. She specialized in Congenital Heart Disease in Adults at the Royal Brompton Hospital in London, England. Since 2002 Dr. Koifman has been in charge of the Cardiac Echo Unit at the above Medical Center; she is director of the Forum on Infective Endocarditis comprising expert physicians from various fields of medicine (Cardiology, Internal Diseases, Cardiac Surgeons, Infective Disease specialists). Since 2006 she has directed the Women's Heart Clinic at the Sourasky Tel Aviv Medical Center, while concurrently participating in a city-sponsored project for the prevention of Cardiovascular Diseases in women. She actively participates in the development of project within the framework the Israeli Society of Cardiology as well as at the level of the government and the country. Dr. Koifman has made an invaluable contribution to the development of cardiac rehabilitation center at the Tel Aviv Sourasky Medical Center in recent years. Dr. Koifman served on the faculty of the Sackler School of Medicine at Tel Aviv University. Dr. Koifman is the recipient of a number of Research Awards from Israel Heart Society and Tel Aviv University.



**Men-Jean Lee, MD - *speaker indicated that she has no relevant financial interests to disclose***

After receiving a BS from the Honors Program in Medical Education at Northwestern University, Dr. Lee earned her medical degree from the Northwestern University Medical School. She completed her residency in Obstetrics and Gynecology at Prentice Women's Hospital at Northwestern University, and went on to complete her fellowship training in Maternal-Fetal Medicine at Strong Memorial Hospital at the University of Rochester. Dr. Lee also completed a postdoctoral research fellowship in the study of steroid and placental biology through the Reproductive Scientist Development Program and the National Institutes of Health in the Department of Microbiology at the NYU School of Medicine. Dr. Lee is board-certified in Obstetrics and Gynecology and the subspecialty of Maternal-Fetal Medicine. Before joining the OB/GYN faculty at Mount Sinai Beth Israel Hospital in 2013 as the Division Director for Maternal-Fetal Medicine, Dr. Lee served as a full-time faculty member at the NYU's Tisch Hospital and Bellevue Hospital in New York City; Residency Program Director at Yale Medical School, Residency Program Director at Mount Sinai Hospital, and Division Director for Maternal-Fetal Medicine for Indiana University Health Systems. Dr. Lee has received numerous awards throughout her career for her superb abilities as a teacher and researcher. She has contributed to over 50 publications, book chapters, and media education materials, and has served and currently serves on several national and regional committees. She is the co-author of the popular book, "Religion and Medicine" and has appeared on Indianapolis Public Television and Radio, WFYI, as an expert on psychosocial medicine in Women's Health. Her special interests include diabetes in pregnancy, medical complications of pregnancy, immigrant health care, pregnancy loss, and stress in pregnancy.

**Liat Lerner-Geva, MD, PhD - *speaker indicated that she has no relevant financial interests to disclose***

Prof. Lerner- Geva, MD, PhD, is a board-certified physician in Epidemiology and Public Health with special emphasis on reproductive epidemiology. Since 2001, she is the director of the Women and Children's Health Research Unit at the Gertner Institute for Epidemiology and Health Policy Research (Ltd), and since 2012 an Associate Professor at the School of Public Health, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel. Relevant research agenda includes: long term effects of exposure to assisted reproductive technologies; including cancer occurrence in women and children following these treatments.

**Naomi (Pitskel) Libby, MD - *speaker indicated that she has no relevant financial interests to disclose***

Naomi Libby, MD is a 4<sup>th</sup> year trainee in the Albert J. Solnit Integrated Training Program in Adult and Child & Adolescent Psychiatry and Research at the Yale School of Medicine. While in medical school at the University of Pittsburgh School of Medicine, she was the recipient of the Doris Duke Clinical Research Fellowship for Medical Students, the Bert and Sally O'Malley Award for Medical Student Research, the Richard L. Cohen, MD Award for Excellence in Child Psychiatry, and the Jeffrey Alan Gray Memorial Prize for Compassion and Humanism. At Yale, she is currently working with Megan Smith, DrPH, MPH, studying child neurodevelopmental and behavioral outcomes following prenatal antidepressant exposure, parenting behaviors and mother-child attachment in depressed mothers, and community interventions for at-risk moms. She received the American Academy of Child and Adolescent Psychiatry Pilot Research Award to support this work, as well as the National Institute of Mental Health Outstanding Resident Award. Dr. Libby also has a burgeoning interest in gender identity and sexuality in children and adolescents, and is involved in the development of a new pediatric gender center.

**Shari I. Lusskin, MD – *speaker disclosed the following potential conflict: Consultant to Pfizer regarding sertraline and venlafaxine litigation; Consultant to the Reproductive Toxicology Foundation, A Non-Profit Foundation.***

Dr. Lusskin is a Clinical Professor of Psychiatry, Obstetrics, Gynecology, and Reproductive Science at the Icahn School of Medicine at Mount Sinai and an Attending in Psychiatry at Mount Sinai Medical Center. She is the Director of Psychopharmacologic Agents for the Reproductive Toxicology Center, a Non-Profit Foundation which operates Reprotox®, a computerized database on the reproductive and developmental effects of drugs including during pregnancy and lactation ([www.reprotox.org](http://www.reprotox.org)). She founded and directed the Reproductive Psychiatry Program at NYU School of Medicine from 2003-2011. She was one of the original co-authors of the Perinatal Psychiatry sections in UpToDate ([www.uptodate.com](http://www.uptodate.com)) and now serves as a peer-reviewer. She has given lectures on the use of psychotropic medication in pregnancy and lactation to professional and lay audiences in the United States, Canada, Europe, Israel, India, and South America. She serves on the Advisory Boards of the Postpartum Resource Center of New York, Inc. and of Postpartum Support International and maintains a private practice in New York City.

**Jeni Matthews, PhD Student - *speaker indicated that she has no relevant financial interests to disclose***

Jeni Matthews is a first-year PhD student and research assistant for Dr. Jennifer Huberty in the Physical Activity, Nutrition, and Wellness program at Arizona State University. In addition, she is working toward obtaining a graduate certificate in integrative health. Her main areas of interest are in women's health, mental health (e.g., stress, anxiety, depression) and physical activity particularly complementary health approaches (e.g., yoga, meditation, tai chi, qigong). Jeni has been a certified yoga instructor since 2012. Jeni is currently involved in various research studies including the feasibility and acceptability of using online yoga to reduce post-traumatic stress disorder in women who have experienced stillbirth and improve quality of life in MPN cancer patients. Jeni is also collecting data for an NIH funded study to reduce chronic fatigue in surviving breast cancer patients using a meditative movement practice (i.e., qigong/tai chi easy). Additionally, she assists with writing grant applications and manuscripts and recently published her first paper. Jeni is passionate about learning and wishes to share her knowledge with others as a teacher, mentor, and friend. When Jeni isn't busy with school and work, she enjoys practicing yoga and meditation, hiking, running, cooking, and reading. Jeni currently resides in Phoenix, AZ.

**Nadia Micali, MD - *speaker indicated that she has no relevant financial interests to disclose***

Dr. Micali, MD, MRCPsych, PhD, FAED, is an Associate Professor of Psychiatry at the Icahn School of Medicine at Mount Sinai, New York and Senior Lecturer and Honorary Child Psychiatrist at the Institute of Child Health, UCL and Great Ormond Street Hospital. Dr. Micali trained clinically and academically at the Maudsely Hospital and Institute of Psychiatry, King's College London and she is also a trained epidemiologist. Over the course of her career, Dr. Micali has written over 80-peer reviewed papers and has given over 50 lectures and presentations around the world. She had served as an elected executive member of several societies, including the Eating Disorders Faculty, the Child and Adolescent Psychiatry Surveillance System, and the Eating Disorders Research Society (of which she was 2015 President). Dr. Micali is also an active member and fellow of the Academy of Eating Disorders. Dr. Micali's research focuses on understanding biological and intergenerational risk for eating disorders using a developmental perspective. Her research has investigated the epidemiology of adolescent eating disorders and behaviors and their etiology, including biological and intergenerational risk; the biological and neuropsychological basis of 'at risk' status, and pregnancy and reproductive outcomes in eating disorders. Dr. Micali's contributions to the field of eating disorders have been recognized by several awards, most notably a prestigious fellowship by the Academy of Eating Disorders and her election as 2015 President of the Eating Disorders Research Society. She was also appointed as a special advisor on the UK National Institute of Clinical Excellence Antenatal Mental Health Guideline Development Group that developed guidelines for the identification and treatment of mental health disorders in pregnancy. Dr. Micali is also extremely committed to training and education and was co-lead of the UCL Master's Degree in Eating Disorders and clinical Nutrition.

**Leena Mittal, MD - *speaker indicated that she has no relevant financial interests to disclose***

Leena Mittal, MD is an instructor at Harvard Medical School and Director of the Reproductive Psychiatry Consultation Service at Brigham and Women's Hospital where she works closely with obstetric colleagues and teaches Harvard medical students, residents and fellows about perinatal and medical psychiatry. She is a graduate of the Harvard Longwood Psychiatry Residency Training Program and has completed a fellowship in Psychosomatic Medicine at Brigham and Women's Hospital. As a member of the Medical Psychiatry service at Brigham and Women's Hospital, she facilitates psychiatric liaison work with the obstetric service at the largest obstetric center in Massachusetts. Dr. Mittal is now also the director of the Boston hub for MCPAP for Moms, an innovative state-wide consultation program for the management of perinatal depression. Dr. Mittal's clinical and academic interests include development of embedded and collaborative care models to provide care for complex perinatal patients with mental health needs including a buprenorphine treatment program for opioid dependent pregnant and postpartum women embedded within a prenatal care setting as well as a perinatal mental health program within the Neonatal Intensive Care Unit.

**Jennifer Nicoloro-SantaBarbara, LICSW - *speaker indicated that she has no relevant financial interests to disclose***

Jennifer Nicoloro SantaBarbara is currently a PhD student in Social and Health Psychology at Stony Brook University. She earned her BA in Communications from Stonehill College and Masters of Social Work from Boston College. Her research interests include stress and coping in the context of reproductive health, chronic illness, and rare diseases such as Mastocytosis. She is also interested in the role the patient-provider relationship plays in buffering the effects of stress.

**Jennifer Payne, MD - *speaker disclosed the following potential conflict: Patent on Epigenetic Biomarkers of Postpartum Depression***

Dr. Payne received her B.S. in biology at Davidson College in Davidson, NC and her M.D. from Washington University Medical School in St. Louis, MO. During medical school she was the recipient of the prestigious Howard Hughes Medical Institute Fellowship and spent a year at the NIH performing basic laboratory research. She completed her residency in psychiatry at the Johns Hopkins Hospital where she served as chief resident during her last year. Dr. Payne then completed a fellowship in mood disorders through the Mood and Anxiety Disorders Program at the NIMH. Dr. Jennifer L. Payne, M.D. joined the Johns Hopkins faculty as an Assistant Professor in 2003 and was promoted to Associate Professor in 2011. Since her return to Hopkins, Dr. Payne has developed two programs both aimed at understanding the pathophysiology underlying mood disorders and leading to improved treatments and outcomes for patients with mood disorders. Dr. Payne is the Director of the Women's Mood Disorders Center and, in addition to providing outstanding clinical care for women with mood disorders, conducts research into the genetic, biological, and environmental factors involved in postpartum depression. She and her colleagues have recently identified epigenetic biomarkers of postpartum depression and are working hard to replicate this work. Dr. Payne also directs the Mood Disorders Clinical Trials group with the goal of developing novel therapeutic treatments for depression and bipolar disorder. She has been awarded a number of honors including the Passano Physician-Scientist Award, the NARSAD Young Investigator Award and has been named a Distinguished Fellow by the American Psychiatric Association.

**Lucille Perrotta, MD - *speaker indicated that she has no relevant financial interests to disclose***

Dr. Perrotta is currently the Site Director for the Division of Neonatology at Mount Sinai Beth Israel and an Assistant Professor of Pediatrics at the Mount Sinai School of Medicine. The NICU is a Level III facility that serves the diverse population of the lower east side and Brooklyn as does the Mother/Baby post-partum service and the Labor and Delivery service. The challenge is to provide excellent medical care within the cultural, religious and ethnic context that is unique to each family that trusts us with their newborn's care.

**Andrei Rebarber, MD - *speaker indicated that he has no relevant financial interests to disclose***

Dr. Rebarber is currently the President of Maternal Fetal Medicine Associates, PLLC and Carnegie Imaging for Women, PLLC in New York City. His faculty appointment is Clinical Professor at the Icahn School of Medicine at Mount Sinai in the Department of Obstetrics, Gynecology, and Reproductive Sciences where he is involved in several teaching and research initiatives. Dr. Rebarber's academic record includes several book chapters, over 90 peer review publications, and over 140 abstracts presented at national medical society meetings. He is a regular speaker on various perinatal issues regarding thrombophilias, pregnancy loss, prematurity, prenatal ultrasound, and multiple gestations. He has been recognized in both lay and professional forums as one of the leading physicians in his field and has appeared on numerous television and radio news programs to discuss a wide range of topics surrounding complications of pregnancy. He specializes in invasive fetal diagnostic procedures (eg. chorionic villous sampling, amniocentesis, and fetal cord blood sampling/transfusions), the impact of medical complications in pregnancy, 2D and 3D prenatal obstetrical and gynecologic sonography.

**Deborah Rich, PhD - *speaker indicated that she has no relevant financial interests to disclose***

Deborah Rich, PhD, LP, CPLC is the Founder of Shoshana Center for Reproductive Health Psychology in St. Paul, MN, and the creator of MommaCare™ training curricula. She has over 25 years of experience providing psychotherapy, consultation and program development and is a frequent national speaker. She is on the National Faculty of Resolve Through Sharing, recently co-founded the Minnesota Pregnancy and Infant Loss Coalition, and is completing her second term on the NASPOG Board. FFI: [www.shoshanacenter.com](http://www.shoshanacenter.com)



**Deidre Ryan, MD - *speaker indicated that she has no relevant financial interests to disclose***

Dr. Ryan did her medical training in Ireland and her psychiatry training at U.B.C. She has been working in the area of Reproductive Mental Health since 1994. In 2012, she was made Medical Director of the Reproductive Mental Health Program at British Columbia's Children's and Women's Hospital in Vancouver. She has been involved in expanding the Group Therapy Program and updating the BC Reproductive Mental Health Program's Best Practices Guidelines for Mental Health Disorders in the Perinatal Period. She is currently involved in research looking at the effectiveness of Mindfulness-based Interventions for postpartum depression and anxiety disorders. She is a Clinical Associate Professor at U.B.C. and is actively involved in teaching medical students and residents.

**Sven Sandin, PhD - *speaker indicated that he has no relevant financial interests to disclose***

Dr. Sandin is a statistician and epidemiologist with a background in clinical trials. His current research is focused on etiology and risk factors for childhood neurodevelopmental disorders with Nordic national registers as the primary tool and data source. Previously his research areas in epidemiology have mainly been psychiatric epidemiology and cancer epidemiology with a focus on female cancers using large cohorts. He has been involved in mapping risk associated with physical activity, diet and diet patterns, parental age and co-morbidity.

**Deborah Small, JD, M.P.P. - *speaker indicated that she has no relevant financial interests to disclose***

Deborah Peterson Small wants you to know that her political education and social activism began early. Soon after graduating high school she went to work for a national youth voter education organization and organized the first statewide voter registration campaign on the campuses of the State University of New York. After a year as an outreach worker for a community based organization in Buffalo, New York she returned to New York City with her infant son and entered the City College of New York as a student in the alternative legal education program started by the late civil rights attorney Haywood Burns. She went on from there to Harvard University as a joint degree student in law and public policy. After several years as a corporate attorney working in the private sector, she found her way back to her true passion – public interest work. She became Legislative Director for the New York Civil Liberties Union, in that capacity she lobbied the state legislature on behalf of the poor, disenfranchised and incarcerated. It was during this period that she became an ardent advocate for drug policy reform as she became increasingly aware of the ways that the “war on drugs” impacted most of the issues she addressed as a lobbyist. Because of her commitment to promoting drug policy reform, she left the NYCLU to become Director of Public Policy & Community Outreach for the Drug Policy Alliance. Ms. Small has been at the forefront of the national movement seeking to change our nation's failed drug policies. She helped bring public attention and legal support to the victims of the Tulia drug sting and prosecutions; she worked tirelessly to promote reform of New York's infamous Rockefeller Drug Laws and helped organize community support for ballot initiatives requiring treatment instead of incarceration for non-violent drug offenders. Ms. Small is a nationally recognized leader in the drug policy reform movement and has been a major catalyst in engaging communities of color and their leaders to address the negative impacts of the war on drugs. More than a decade ago she founded Break the Chains: Communities of Color and the War on Drugs, a public policy research and advocacy organization committed to addressing the disproportionate impact of punitive drug policies on poor communities of color. Break the Chains was founded in the belief that community activism and advocacy is an essential component of progressive policy reform. Break the Chains works to engage families and community leaders in promoting alternatives to the failed “war on drugs” by adopting public health approaches to substance abuse and drug-related crime. Break the Chains is an advocate and voice for those affected most by drug policies but too often unheard in policy debates and decisions.

**Inger Sundström Poromaa, MD - *speaker indicated that she has no relevant financial interests to disclose***

Inger Sundström Poromaa, MD, PhD, is Professor of Obstetrics and Gynecology at Uppsala University, Sweden. She received her medical degree from the University of Umeå, Sweden, and followed this up with a post-doc at Downstate Medical Center, State University of New York. Professor Sundström Poromaa is a Fellow of the Swedish Society of Medicine and the Swedish Society of Obstetrics and Gynecology (SFOG). She is currently a member of the Board for Research-level Education and the Board of the Center for Reproductive Research at Uppsala University. She has been Chairman of the Reference Group for Gynecologic Endocrinology in Sweden, and member of the Board of Directors of SFOG. Professor Sundström Poromaa has supervised 14 PhD students, authored or co-authored more than 120 peerreviewed articles and reviews and has contributed to numerous books on topics such as menstrual cyclereleted disorders, antenatal and postpartum depression, and ovarian steroid effects on the central nervous system. Dr Sundström Poromaa's research interests include adverse mood effects of hormonal contraception, premenstrual dysphoric disorder, antenatal and postpartum depression and brain imaging.

**Sabrina Kaur Syan, PhD Student - *speaker indicated that she has no relevant financial interests to disclose***

Sabrina Syan is a 3rd year PhD Candidate in the MiNDS Neuroscience Graduate Program at McMaster University in Hamilton, Ontario. Sabrina completed her undergraduate degree at McMaster University in the Honours Life Sciences Program and subsequently began her PhD. Sabrina's love for neuroimaging developed during her undergraduate thesis, during which she used voxel-based-morphometry to manually segment the volume of the hypothalamus in menopausal women with major depressive disorder and vasomotor symptoms. Since then she has taken neuroimaging courses at the Massachusetts General Hospital's Martinos Institute for Biomedical Imaging to enhance her skills and learn new MRI analysis techniques. Her current research focuses on structural and functional MRI in bipolar and major depressive disorder in women at various stages of the reproductive lifespan. She is also a Neuroscience Facilitator for the Postgraduate Psychiatry Residency Training Program at McMaster University and involved in teaching at the undergraduate and graduate level.



**Katherine L. Wisner, MD** - *speaker disclosed the following potential conflict: The Department of Psychiatry at Northwestern University received contractual fees for Dr. Wisner's consultation to Quinn Emanuel Urquhart & Sullivan, LLP (New York City), who represent Pfizer Pharmaceutical Company*

Katherine L. Wisner is the Asher Professor of Psychiatry and Obstetrics and Gynecology and Director, Asher Center for Research and Treatment of Depressive Disorders, Department of Psychiatry, Northwestern University Feinberg School of Medicine in Chicago, Illinois. Dr. Wisner obtained an M.S. in Nutrition and an M.D. from Case Western Reserve University, followed by a categorical pediatric internship and general and child psychiatry residency at Children's Hospital of Pittsburgh and Western Psychiatric Institute and Clinic. She completed a post-doctoral fellowship in Epidemiology at the University of Pittsburgh Graduate School of Public Health, a fellowship in Professional Ethics at Case Western Reserve University in 1996, and a certificate for the Physician Leadership and Management Program at the Katz Graduate School of Business at the University of Pittsburgh. Dr. Wisner's main focus is research related to the psychiatric treatment of women of childbearing age. She is internationally recognized as an expert in the treatment of mood disorders during pregnancy and the postpartum period. She has been the principal investigator on several National Institute of Mental Health- and foundation-funded research projects including the impact of medication use during pregnancy for Unipolar and Bipolar Disorders, a Randomized Controlled Trial of Estradiol for Postpartum Depression, Screening for Postpartum Disorders, and the efficacy of bright light treatment for patients with bipolar disorder. Other areas of interest include mood disorders and pharmacology in special circumstances other than childbearing, such as in the premenstrual period, the perimenopause period, and post-bariatric surgery; research ethics and Institutional Review Board processes; and the academic advancement of women.

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## CME INFORMATION

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### Statement of Needs

This conference provides an exchange for cutting edge research, best practices in diagnosis and treatment of women's psychosocial needs across their lifespan.

### Educational Objectives

At the conclusion of this activity, participants will be able to:

- Discuss biopsychosocial aspects of obstetric and gynecologic medicine in order to treat patients with best clinical practices.
- Identify the psychological, psychophysiological, public health, socio-cultural, ethical and other aspects of patients' functioning and behavior so that they can provide the best specialized treatment to their patients.
- Describe the scientific and clinical best practices relative to the fields of obstetrics and gynecology, psychiatry, psychology, nursing, social work, and other related disciplines so that their patients receive the best care specific for their needs.

### Target Audience

Psychiatrists, OB/GYN, Psychologists, Endocrinologists, Social Workers, Midwives, Nurse Practitioners, Primary Care, any professional treating women.

### Accreditation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Icahn School of Medicine at Mount Sinai and North American Society for Psychosocial Obstetrics & Gynecology. The Icahn School of Medicine at Mount Sinai is accredited by the ACCME to provide continuing medical education for physicians.

### Credit Designation Statement

The Icahn School of Medicine at Mount Sinai designates this live activity for a maximum of 19.25 *AMA PRA Category 1 Credit(s)*<sup>TM</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

### Verification of Attendance:

Verification of attendance will be provided to all professionals.

### Faculty Disclosure

It is the policy of the Icahn School of Medicine at Mount Sinai to ensure objectivity, balance, independence, transparency, and scientific rigor in all CME-sponsored educational activities. All faculty participating in the planning or implementation of a sponsored activity are expected to disclose to the audience any relevant financial relationships and to assist in resolving any conflict of interest that may arise from the relationship. Presenters must also make a meaningful disclosure to the audience of their discussions of unlabeled or unapproved drugs or devices. This information will be available as part of the course material.

**Jointly provided by the Icahn School of Medicine at Mount Sinai and the  
North American Society for Psychosocial Obstetrics & Gynecology (NASPOG)**



## CME CERTIFICATE / EVALUATION

1. Complete course evaluation online at:  
**[www.surveymonkey.com/s/NASPOG2016](http://www.surveymonkey.com/s/NASPOG2016)**
  - Once you complete the evaluation you will be automatically redirected to the CME Certificate Website or you can visit [www.mssm.edu/cme/courses](http://www.mssm.edu/cme/courses) (My Certificate)
2. Attendees enter the following activity code below to download your electronic online CME Certificate.
  - **Activity Code: 200867**
3. If you are a Speaker / Faculty listed on the brochure please use the following: **Activity Code: 200926**

**Please note this evaluation link is available for 2 months  
after the final day of the symposium.**

If you have issues attaining your CME Certificate or to obtain your CME certificate after the allotted time or, please email **cme@mssm.edu**

*Your comments are essential for improving the effectiveness of Icahn School of Medicine at Mount Sinai's continuing medical education activities.*

*Thank you!*



The North American Society for Psychosocial Obstetrics and Gynecology established the Steiner Young Investigators' Symposium in honor of Dr. Meir Steiner, a leading researcher in our field. The symposium provides a showcase for new and innovative research in the field of Women's Mental Health.

Residents and Fellows submitted abstracts of their original research to be considered for inclusion in this program. The four investigators selected to speak at the symposium each receive \$500 to help defray the costs of their travel, or to use as seed money for additional research.

## NEURAL CORRELATES OF DEFAULT MODE NETWORK CONNECTIVITY IN WOMEN WITH BIPOLAR DISORDER IN REMISSION

Sabrina K. Syan<sup>1</sup>, Luciano Minuzzi M.D. Ph.D.<sup>2,3</sup>, Mara Smith M.D.<sup>2</sup>, Dustin Costescu M.D.<sup>4</sup>, Olivia Allega<sup>6</sup>, Geoffrey B.C. Hall Ph.D.<sup>5</sup>, Benicio N. Frey M.D. M.Sc. Ph.D.<sup>2,3</sup>

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**Objective:** Clinical remission (euthymia) is a valuable time to study trait-based psychological symptoms. Bipolar disorder (BD) is a major mood disorder that may be affected by hormonal fluctuations associated with the female reproductive lifespan (e.g. premenstrual, postpartum). Despite this, no study to date has investigated the neural correlates of BD females during clinical remission, controlling for menstrual phase. Here we studied resting state functional connectivity of the default mode network (DMN), critical to mediating introspective, cognitive and emotional processing, in a sample of euthymic bipolar women in their mid-follicular phase.

**Methods:** Thirty-two women with BD and 36 matched controls between 18-45 years of age were studied. All women were right-handed and not using any form of hormonal contraception. All BD subjects were euthymic for at least 2 months. Resting state fMRI was measured using a 3T MRI during the mid-follicular phase (days 5-10). DMN connectivity was assessed using independent component analysis (ICA) and a seed-based approach using the posterior cingulate cortex (PCC) as the primary seed point.

**Results:** In bipolar women, compared to controls, we found hyperconnectivity between the PCC and the angular gyrus (FDR-corrected,  $p=0.002$ ). This hyperconnectivity was positively correlated with severity of state anxiety in the BD group only. Differences in network connectivity using the ICA approach did not survive multiple comparisons.

**Conclusions:** Our research suggests that coupling between critical nodes of the DMN in bipolar women during clinical remission may reflect (1) an abnormal trait integration of affective information during remission, and/or (2) an adaptive, compensatory pattern required for clinical stabilization.

**Acknowledgements:** Ontario Mental Health Foundation, J.P. Bickell Foundation

## MATERNAL DISTRESS PREDICTS POORER SUCCESS OF ASSISTED REPRODUCTIVE TECHNOLOGY: A META-ANALYTIC INVESTIGATION

Jennifer Nicoloro-SantaBarbara, MA, MS, Anne Moyer, PhD, Marci Lobel, PhD, Department of Psychology, Stony Brook University

**Objective:** To systematically evaluate evidence about the association of maternal distress with likelihood of pregnancy via assisted reproductive technology (ART). There has been speculation that high stress or related negative emotions reduce the likelihood of pregnancy via ART, but systematic analysis of research on this topic is lacking.

**Methods:** Meta-analysis using a random-effects model was conducted on prospective studies ( $k=14$ ) that compared the levels of maternal pretreatment and procedural stress, anxiety, and depression in women undergoing ART who did vs. did not become pregnant (Total  $N = 2,919$ ).

**Results:** Women who did not become pregnant had higher levels of pretreatment anxiety ( $d = -.106$ ,  $p < .05$ , 95% CI:  $-.200$ ,  $-.012$ ); procedural anxiety ( $d = -.331$ ,  $p < .05$ , 95% CI:  $-.554$ ,  $-.108$ ); procedural depression ( $d = -.456$ ,  $p < .05$ , 95% CI:  $-.862$ ,  $-.050$ ); and procedural stress ( $d = -.370$ ,  $p < .05$ , 95% CI:  $-.725$ ,  $-.015$ ).

**Conclusions:** Women experiencing greater anxiety before ART and those with greater emotional distress during treatment, especially depression, had lower likelihood of success. This meta-analysis is the first to document an association of depression with ART pregnancy outcome. Findings suggest the potential value of offering psychological support prior to and during ART procedures and provide a foundation for further research to investigate associations of maternal emotion with ART outcomes. Such research may implicate maternal health behaviors and dysregulation of immune and endocrine.

## EFFECTIVENESS OF TRAINING INTERVENTION ON PERCEIVED COMPETENCE AND CONFIDENCE FOR N/IICU NURSES

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**Objective:** Having an infant in the Newborn/Infant Intensive Care Unit (N/IICU) is extremely difficult and distressing for families. Typical coping responses, per literature review and nurse focus groups, include anxiety, denial of acuity, withdrawal, passive aggressive and aggressive behaviors towards staff. *The Vital Role of the Bedside Nurse in Family Centered Care in the NICU* program was developed to support nurses and improve understanding and skills when working with families in crisis.

**Methods:** A 1-hour training was created to educate N/IICU nurses regarding psychological responses of N/IICU parents and how to best manage interpersonally challenging situations. The Children's Hospital of Philadelphia N/IICU nurses ( $N=151$ ) attended the training and completed self-report pre- and post-assessments, including perceived competence and confidence when working with families in crisis.

**Results:** Before training, 35.8% of nurses felt confident assisting families in denial about the severity of their infant's condition, whereas 53% felt confident after the intervention. Pre-training, 7.9% reported feeling comfortable when distressed families exhibited anger, whereas 21.9% reported feeling comfortable post-training. Finally, 85.4% of nurses "agreed" or "strongly agreed" that post-training, they felt more comfortable working with challenging families.

**Conclusions:** This training successfully increased nurses' perceived overall comfort when working with challenging families experiencing emotional distress. Nurses also reported feeling more comfortable working with families exhibiting anger following the intervention. Moreover, nurse confidence was elevated following the intervention. Additional research will determine the training's feasibility and dissemination potential to other NICUs to assist nurses in managing difficult families experiencing psychological distress or ineffective coping strategies.

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**INVESTIGATING THE RELATIONSHIP BETWEEN PRENATAL ANTIDEPRESSANT OR NICOTINE EXPOSURE, MATERNAL EXECUTIVE FUNCTIONING, AND THE QUALITY OF DYADIC INTERACTIONS IN YOUNG SCHOOL AGE CHILDREN AND THEIR MOTHERS.**

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<sup>1</sup>Department of Psychiatry and <sup>2</sup>Child Study Center, Yale School of Medicine

**Objective:** Given the high prevalence of antepartum depression, it is important to elucidate the short and long-term impacts of maternal depression and prenatal antidepressant exposure. This study aims to examine the impact of prenatal antidepressant or nicotine exposure on the quality of mother-child interactions, and to explore the role of maternal executive functioning (EF) in this relationship.

**Methods:** Forty-four 4- to 8-year-old children and their mothers were recruited from a larger prospective cohort study. Groups were defined by prenatal exposure (antidepressant, n=16; nicotine, n=14; neither exposure, n=14). Mothers completed the Groton Maze Learning Task (GMLT), a computerized EF assessment. Mother-child pairs completed the Brief Parent Child Interaction and Internal Representation Task (BPCI), a dyadic story telling task assessing dyadic interactions. Exposure group and GMLT scores were assessed separately as predictors of BPCI scores, using univariate analyses and simple linear regression, respectively.

**Results:** There were no group differences in BPCI scores when adjusting for maternal depression. There was a significant association between poorer maternal performance on the GMLT and more optimal parent behavior on the BPCI. Exploratory analyses demonstrated that this finding was limited to mothers with a history of depression.

**Conclusions:** This study provides preliminary evidence that prenatal exposure to nicotine or antidepressants does not impact the quality of maternal-child interactions in early school-age children. The negative association between maternal EF and maternal sensitivity is unexpected; that it is limited to mothers with a history of depression suggests a potential EF-depression interaction effect worthy of further investigation.

**Acknowledgements:** Supported in part by the American Academy of Child and Adolescent Psychiatry (AACAP) Pilot Research Award for General Psychiatry Residents, supported by Pfizer, Inc

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### #1

#### THE ROLE OF THE PARTNER IN THE REPRODUCTIVE PSYCHIATRY CONSULTATION

Christina Ahn MD, Judy Greene MD  
New York University School of Medicine; Bellevue Hospital Center.

### #2

#### ANTENATAL SCREENING FOR DEPRESSION AND ANXIETY USING THE EDINBURGH POSTNATAL

#### DEPRESSION SCALE. A NOVEL EXPERIENCE IN KUWAIT

Dr. Mariam Alawadhi, Assistant Professor of Psychiatry  
Kuwait University.

### #3

#### MENTAL HEALTH IN OLDER VERSUS YOUNGER PREGNANT TEENS

Bethany Ashby, PsyD<sup>1,2</sup>, Patricia Huguelet, MD<sup>1,2</sup>, Celeste St. John-Larkin, MD<sup>1,2</sup>, Stephen Scott, MD<sup>1,2</sup>

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### #4

#### THE IMPACT OF PERINATAL MATERNAL DEPRESSION AND TREATMENT ON MOTHER-INFANT INTERACTIONS AT 6 MONTHS OF AGE

Stacy Bartlett, BA<sup>1</sup>, Natalia Lukankina, MD<sup>1</sup>, Cynthia L. Miller-Loncar, PhD<sup>2</sup>, Amy L. Salisbury, PhD<sup>2</sup>

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### #5

#### STRESS-INDUCED CARDIOMYOPATHY IN THE POSTPARTUM PERIOD – A CASE STUDY

Patricia Beauzile, MD, Christinne Canela, MD  
Virginia-Tech Carilion School of Medicine

### #6

#### POSTTRAUMATIC STRESS DISORDER: WOMEN - ECUADOR

Dr. Victoria Valdez, Joseph Veloz, David Rueda, Ing. Carlos Santana

### #7

#### PATIENT EVALUATION FOR THE DEVELOPMENT OF POSTPARTUM DEPRESSION

Mary Brulja, DO, Camille A. Clare, MD, MPH, New York Medical College, Department of Obstetrics and Gynecology

### #8

#### MENOPAUSAL STATUS AND MIGRAINE: THE ROLE OF COGNITIVE BEHAVIORAL ASPECTS

Marzia Buonfiglio, Sapienza University of Rome

### #9

#### MIND-BODY GROUP INTERVENTION FOR ORTHODOX JEWISH WOMEN IN FERTILITY TREATMENT: A MULTICULTURAL PERSPECTIVE

Ayelet Vider Cohen, Bar Ilan University, Israel  
Etty Rossenthal Amichay, Meuhedet HF, Israel

### #10

#### ADAPTING THE RELATIONSHIP CHECKUP FOR EXPECTANT COUPLES AS A HOSPITAL-BASED PREVENTATIVE INTERVENTION FOR PERINATAL MOOD AND ANXIETY DISORDERS

Ellen Darling, M.A.<sup>1</sup>, Nancy Byatt, D.O.<sup>2</sup>, James Cordova, Ph.D.<sup>1</sup>, Tiffany Moore Simas, M.D.<sup>2</sup>

<sup>1</sup>Clark University, <sup>2</sup>University of Massachusetts Medical School

### #11

#### THE NEUROBIOLOGY OF TRANSMISSION OF MATERNAL POSTPARTUM ANXIETY TO THE INFANT

Da-Jeong Chang, Sophie Numbers, Joanna Hider and Jacek Debiec  
Department of Psychiatry and Molecular & Behavioral Neuroscience Institute, University of Michigan

### #12

#### NEGATIVE RELIGIOUS COPING FOLLOWING PREGNANCY LOSS LINKED TO MENTAL HEALTH DISTRESS

Christina B. DiSanza, MA, Pamela A. Geller, PhD, Victoria A. Grunberg - Drexel University

### #13

#### A DETERMINED WOMAN: ANXIETY, UNRESOLVED MOURNING AND CAPACITY ASSESSMENT IN RECURRENT PREGNANCY LOSS.

Osarumen Nicole Doghor, Cathryn Freid, Florina Haimovici, Donna Mathias, Deborah Knudson-Gonzalez  
Harvard Medical School, Beth Israel Deaconess Medical Center  
Department of Psychiatry, Brigham and Women's Hospital  
Department of Psychiatry

### #14

#### PERINATAL ANXIETY DISORDER PREVALENCE AND INCIDENCE: A REPRESENTATIVE SAMPLE.

Nichole Fairbrother,<sup>1</sup> Patricia Janssen, PhD,<sup>1</sup> Martin Antony, PhD<sup>2</sup>, Emma Tucker, MD<sup>1</sup>, Allan Young, PhD<sup>3</sup>

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### #15

#### PERINATAL ANXIETY DISORDER PREVALENCE AND INCIDENCE: A REPRESENTATIVE SAMPLE.

Nichole Fairbrother,<sup>1</sup> Dana Thordarson, PhD,<sup>1</sup> Kathrin Stoll<sup>1</sup>  
<sup>1</sup>University of British Columbia

### #16

#### THE CFQ: RELATION TO BIRTHING AND CARE PROVIDER PREFERENCES.

Kathrin Stoll<sup>1</sup>, Nichole Fairbrother,<sup>1</sup> Dana Thordarson, PhD,<sup>1</sup>  
<sup>1</sup>University of British Columbia

**#17**

**FINE TUNING FEAR OF CHILDBIRTH: THE CFQ SUBSCALES' RELATION TO DEMOGRAPHIC AND REPRODUCTIVE VARIABLES.**

Dana Thordarson, PhD, <sup>1</sup>Nichole Fairbrother, <sup>1</sup>Kathrin Stoll<sup>1</sup>

<sup>1</sup>University of British Columbia

**#18**

**SCREENING FOR SUBSTANCE USE IN PREGNANCY: WHAT SHOULD BE THE GOLD STANDARD?**

Ariadna Forray, MD<sup>1</sup>; Evelyn Reed, BA<sup>2</sup>; Kathryn Gilstad-Hayden, MS<sup>1</sup>; Steve Martino, PhD<sup>1,4</sup>; Kimberly A. Yonkers, MD<sup>1,3</sup>

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**#19**

**NEUROLOGICAL SIGNATURE OF POSTPARTUM DEPRESSION: A SYSTEMATIC REVIEW.**

June Andrews Horowitz, PhD, RN, PMHCNS-BC<sup>1</sup>, FAAN; Pamela A. Geller, PhD<sup>2,3</sup>; Bobbie Posmontier, PhD, CNM, PMHNP-BC<sup>2</sup>, Meltem Izzetoglu, PhD<sup>2</sup> - <sup>1</sup>Thomas Jefferson University, Philadelphia, PA; <sup>2</sup>Drexel University, Philadelphia, PA; <sup>3</sup>Drexel University College of Medicine, Philadelphia, PA

**#20**

**FACTOR STRUCTURE AND RISK OF PERINATAL POSTTRAUMATIC STRESS DISORDER (PTSD)**

Rebecca Grekin, M.A. & Michael W. O'Hara, PhD  
University of Iowa, Department of Psychological & Brain Sciences

**#21**

**WHAT DO WE KNOW ABOUT THE COURSE AND TREATMENT OF EATING DISORDERS IN PREGNANCY?**

Nina E. Gonzales <sup>1,2</sup>, Cynthia L. Battle <sup>1,2,3</sup>

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**#22**

**PERINATAL SUICIDE IN ONTARIO CANADA: UNDERSTANDING A NEGLECTED SOURCE OF MATERNAL MORTALITY**

Sophie Grigoriadis, MD, MA, PhD, FRCPC <sup>1</sup>, P. Kurdyak<sup>2</sup>, Anne Rhodes<sup>3</sup>, Anthony Levitt<sup>1</sup>, Emily VonderPorten, MPH <sup>1</sup>, Amy Cheung, MD, FRCPC, MSc <sup>1</sup>, Simone Vigod

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**#23**

**THE PHYSICIAN REFERENCE GUIDE FOR THE TREATMENT OF DEPRESSION IN PREGNANCY WITH ANTIDEPRESSANT MEDICATION - A NEW KNOWLEDGE TRANSLATION TOOL**

Sophie Grigoriadis, MD, MA, PhD, FRCPC <sup>11</sup>, Patricia Mousmanis, MD, CCFP, <sup>2</sup>, Emily VonderPorten, MPH<sup>1</sup>, Lana Mamisashvili, MSW<sup>1</sup>, Cindy-Lee Dennis, PhD, MScN<sup>3</sup>, Gideon Koren, MD, FRCPC, FACMT<sup>4</sup>, Meir Steiner, MD, PhD, FRCPC<sup>5</sup>, Amy Cheung, MD, FRCPC, MSc<sup>1</sup>, Lori E. Ross, PhD<sup>6</sup>

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**#24**

**STRESS AND FAMILY FUNCTIONING AMONG NICU MOTHERS**

Victoria A. Grunberg<sup>1</sup>, Pamela A. Geller, Ph.D.<sup>1,2</sup>, Chavis A. Patterson, Ph.D. <sup>3,4</sup>

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**#25**

**CORRELATION OF STRESS, ANXIETY AND DEPRESSION BETWEEN PARTNERS IN THE INFERTILE COUPLES MAY MODULATED CYTOKINES WITH ROLE IN REPRODUCTION AND ADVERSELY AFFECT IVF OUTCOME**

F. Haimovicia <sup>1</sup>, J. S. Andersona <sup>1</sup>, G. W. Bates<sup>2</sup>, C. Racowsky<sup>3</sup>, L. Ginsburg<sup>3</sup>, R. Fichorova<sup>3</sup>, <sup>1</sup>Department of Psychiatry, Brigham and Women's Hospital and Harvard Medical School, Boston, Massachusetts. <sup>2</sup>Division of Reproductive Endocrinology and Infertility University of Alabama at Birmingham <sup>3</sup>Department of Obstetrics, Gynecology, and Reproductive Biology, Brigham and Women's Hospital and Harvard Medical School Boston, Massachusetts.

**#26**

**MOTHER-CHILD ATTACHMENT IN FACTITIOUS DISORDER ON ANOTHER, BEFORE NAMED MUNCHAUSEN SYNDROME BY PROXY (MSBP).**

J. L. Jiménez-Hernández<sup>1</sup>, M. López-Rico<sup>2</sup>, J. López-Sánchez-López<sup>2</sup>, MD Crespo-Hervás<sup>3</sup> and A. Muñoz-Villa<sup>4</sup>

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**#27**

**CHARACTERISTICS OF ANTIPSYCHOTIC PRESCRIBING ON INPATIENT OBSTETRICS FLOORS**

Johnson K, Wald M - Duke University

**#28**

**FEASIBILITY OF COMPUTERIZED ADAPTIVE TESTING FOR PERINATAL DEPRESSION SCREENING AND DIAGNOSIS**

Kim, JJ <sup>1,2</sup>, Silver RK <sup>1,2</sup>, Elue R <sup>1</sup>, Gibbons R<sup>2</sup>

<sup>1</sup>NorthShore University HealthSystem

<sup>2</sup>The University of Chicago Pritzker School of Medicine

**#29**

**EFFECT OF ONLINE EDUCATION ON PROVIDER ANTENATAL PHYSICAL ACTIVITY COUNSELING**

Leiferman, JA<sup>1</sup> Martinez E<sup>1</sup>, Gutierrez Y<sup>1</sup>, and Huberty J<sup>2</sup>.

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**#30**

**CONTRACEPTIVE USE AMONG WOMEN USING SUBSTANCES DURING THE POSTPARTUM PERIOD AND UP TO 2 YEARS AFTER BIRTH**

Amy M. Loree, Ph.D.<sup>1,2</sup>, Aileen Gariepy, M.D., MPH, FACOG <sup>1</sup>, Kimberley A. Yonkers, M.D. <sup>1</sup>

<sup>1</sup> Yale University School of Medicine; <sup>2</sup>VA Connecticut Healthcare System

#31

---

**MOTHERS WITH CHILDHOOD MALTREATMENT HISTORY: COMORBID TRAJECTORIES OF POSTPARTUM DEPRESSION AND PTSD AND IMPACT ON PARENTING AND CHILD OUTCOMES**

Maria Muzik,<sup>1</sup> Katherine Lisa Rosenblum<sup>1</sup>, Wonjung Oh<sup>2</sup> and Diana Morelen<sup>1</sup>. <sup>1</sup> *Department of Psychiatry, University of Michigan, Ann Arbor, MI* <sup>2</sup> *Department of Human Development and Family Studies, Texas Tech University, Lubbock, TX*

#32

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**INTEGRATING PERIPARTUM MENTAL HEALTH AND LACTATION SUPPORT INTO A MEDICAL HOME: A TOTAL FAMILY SUPPORT MODEL**

Maria Muzik<sup>1</sup>, Lisa Hammer<sup>2</sup>, Lulu Zhao<sup>3</sup>, Lisa Anderson<sup>1</sup>, Laurel Hicks<sup>4</sup> and Kate Baker<sup>1</sup> - <sup>1</sup> *University of Michigan, Psychiatry, Ann Arbor, MI* <sup>2</sup> *IHA Ann Arbor, MI* <sup>3</sup> *UH Case Medical Center, Cleveland, OH* <sup>4</sup> *Wayne State University, Psychology*

#33

---

**EVALUATING THE CLINICAL EFFECTIVENESS OF A SPECIALIZED PERINATAL DAY TREATMENT PROGRAM FOR WOMEN**

Maria Muzik,<sup>1</sup> Madhavi Latha Nagalla,<sup>2</sup> Emily Fredrickson<sup>2</sup>, Kerrie Vanweelden<sup>2</sup>, Megan Roudabush<sup>2</sup>, Evonne Edwards<sup>2</sup>  
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#34

---

**ANTENATAL DEPRESSION IS ASSOCIATED WITH PLACENTAL VASCULAR INSUFFICIENCY LESIONS VIA COMORBIDITY WITH HYPERTENSION**

Eydie L. Moses-Kolko, Hyagriv Simhan, W.T. Parks, Yael Gross, Alison E. Hipwell - *University of Pittsburgh School of Medicine, Departments of Psychiatry and Obstetrics, Gynecology, and Reproductive Sciences.*

#35

---

**FACTORS ASSOCIATED WITH COCAINE USE IN PREGNANCY**

Regina Nagarajan, Xiaoxuan Cai, Cristine Hine, Brian Merry, Kimberly Ann Yonkers - *Department of Psychiatry, Yale University, School of Medicine, New Haven, CT.*

#36

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**DEPRESSION, ANXIETY, PSYCHOTROPIC MEDICATION USE AND FECUNDABILITY**

Yael I. Nillni,<sup>1,2</sup> Jaimie L. Gradus,<sup>1,2,3</sup> Amelia K. Wesselink,<sup>3</sup> Elizabeth E. Hatch,<sup>3</sup> Kenneth J. Rothman,<sup>3,4</sup> Ellen M. Mikkelsen,<sup>5</sup> Lauren A. Wise<sup>3,6</sup> - <sup>1</sup> *National Center for PTSD, Women's Health Sciences Division at VA Boston Healthcare System* <sup>2</sup> *Department of Psychiatry, Boston University School of Medicine* <sup>3</sup> *Department of Epidemiology, Boston University School of Public Health* <sup>4</sup> *RTI Health Solutions* <sup>5</sup> *Department of Clinical Epidemiology, Aarhus University* <sup>6</sup> *Slone Epidemiology Center, Boston University*

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**#37 – AUTHOR CANCELLATION**

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**EVALUATING GAPS WITHIN THE REFERRAL SYSTEM AT A PERINATAL MENTAL HEALTH CLINIC**

Fatima Noorani,MD, Linda Ojo, MD MPH, Julia Frank, MD  
*George Washington University*

#38

---

**REVIEW OF RESEARCH ON THE PATIENT DECISION-MAKING PROCESS FOR PREIMPLANTATION GENETIC TESTING**

Lisa M Pastore, Marci Lobel, Lisa R Rubin  
*Stony Brook University, The New School*

#39

---

**PARENT EDUCATION IN THE NEWBORN/INFANT INTENSIVE CARE UNIT (N/ICU)**

Chavis A. Patterson, Ph.D. <sup>1,2</sup> Pamela A. Geller, Ph.D.<sup>3,4</sup>, Emily Stasko, M.S., M.P.H. <sup>3</sup> Lauren DeRuyter, M.S. <sup>3</sup>  
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#40

---

**TREATMENT OF PREMENSTRUAL BREAKTHROUGH OF DEPRESSION WITH ADJUNCTIVE ORAL CONTRACEPTIVE PILLS COMPARED TO PLACEBO**

Whitney Peters, MD <sup>1</sup>, Marlene Freeman, MD <sup>2</sup>, Semmie Kim, BS <sup>1</sup>, Lee S. Cohen, MD <sup>2</sup>, Hadine Joffe, MD MSc <sup>1,2</sup>  
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#41

---

**RISK STRATIFICATION FOR INFANTICIDE: IDENTIFYING MODIFIABLE PROTECTIVE FACTORS IN A CASE OF POSTPARTUM PSYCHOSIS**

Kelli Ruby, DO, Valerie Sharpe, MD  
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#42

---

**MATERNAL DEPRESSION SEVERITY WITH THE USE OF ANTIDEPRESSANT MEDICATION WITH AND WITHOUT HYPNOTIC TREATMENT: EFFECTS ON NEWBORN NEUROBEHAVIOR.**

Jennifer Mattera, BS, Kristen C. Stone, PhD, Cynthia L. Miller-Loncar, PhD, Dawn M.C. Johnsen, BA, Amy L. Salisbury, PhD,  
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#43

---

**EVALUATION OF A POSTPARTUM SYMPTOM INVENTORY AND ITS RELEVANCE TO POSTPARTUM MOOD**

Anne Kunkler; Jonathan Schaffir, MD; Courtney Lynch, PhD MPH; Loriana Newman, MD Dept. of Obstetrics & Gynecology, The Ohio State University, Columbus, Ohio

#44

---

**DEVELOPMENT OF A WORKSHOP IN PERINATAL ADDICTIONS FOR RESIDENTS IN OBSTETRICS AND GYNECOLOGY**

Shenai N, Lundblad W, Valpey R, Gopalan P, Glance J, Azzam P  
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**#45**

**FREQUENCY AND SEVERITY OF VASOMOTOR SYMPTOMS AND QUALITY OF LIFE IN MENOPAUSAL WOMEN WITH AND WITHOUT EPILEPSY**

Nicole Shirvani M.D., Sima Patel M.D., Katherine Taljan B.S., Emily Holthaus B.S., Amy Nowacki Ph.D., Rachel Williams Ph.D., MS, Nancy Foldvary-Schaefer D.O., and Adele C Viguera M.D..  
*Cleveland Clinic Foundation*

**#46**

**NICOTINE ADDICTION TREATMENT IN PREGNANT WOMEN MAINTAINED ON BUPRENORPHINE: A CASE SERIES**

Swati Shivale, MBBS, Brian Johnson, MD  
*SUNY Upstate Medical University, Syracuse, NY*

**#47**

**SUCCESSFUL RECOVERY FROM PERSISTENT POSTPARTUM MATERNAL PTSD THROUGH EMDR AND CBT: A CASE-REPORT**

Swati Shivale, MBBS, Mantosh Dewan, MD  
*SUNY Upstate Medical University, Syracuse, NY*

**#48**

**A POPULATION-BASED STUDY OF POSTPARTUM PSYCHIATRIC HOSPITALIZATION**

Inbal Shlomi Polachek<sup>1</sup>, Kinwah Fung<sup>2</sup>, Simone Vigod<sup>1</sup>  
<sup>1</sup>*Women's College Hospital, University of Toronto* <sup>2</sup>*Women's College Research Institute, Institute for Clinical Evaluative Sciences*

**#49**

**A SIMPLE MODEL FOR PREDICTION POSTPARTUM PTSD IN HIGH RISK PREGNANCIES**

Inbal Shlomi Polachek<sup>1</sup>, Mordechai Dulitzky, MD<sup>2</sup> Lilia Margolis-Dorfman<sup>2</sup> Michal Simchen<sup>2</sup>  
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**#50**

**GENDER DIFFERENCES IN PSYCHIATRIC HOSPITALIZATIONS OF INDIVIDUALS WITH PSYCHOTIC DISORDERS**

Inbal Shlomi Polachek<sup>1</sup>, Adi Manor MD<sup>2</sup>, Ashlesha Bagadia MD<sup>1</sup>, Rael D. Strous MD<sup>2</sup>, Zipora Dolev, MD<sup>3</sup>  
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**#51**

**INTENTIONAL OVERDOSE IN PREGNANCY: A CASE SERIES**

Erin Smith, MD, Neeta Shenai, MD, Priya Gopalan, MD *University of Pittsburgh Medical Center, Western Psychiatric Institute and Clinic.*

**#52**

**A SYSTEMATIC REVIEW OF PREDICTORS OF MOTHER-INFANT BONDING**

Laura E. Sockol, Ph.D. <sup>1,2</sup> & Caroline C. Kaufman, B.A. <sup>2,3</sup>  
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**#53**

**SUICIDE ATTEMPTS ASSOCIATED WITH SEXUAL VIOLENCE: WOMEN - ECUADOR**

Valdez V, Santana C, Cajas M, Avila M, Reyes D  
*Universidad Catolica de Santiago de Guayaquil*

**#54**

**DEVELOPMENT OF A WOMEN'S HEALTH CURRICULUM FOR RESIDENTS IN PSYCHIATRY**

Robin E Valpey, M.D.; Heather Joseph, M.D.; Neeta Shenai, M.D.; Wynne Lundblad, M.D.; Priya Gopalan, M.D.; Jody Glance; Pierre Azzam, M.D. - *Western Psychiatric Institute and Clinic, University of Pittsburgh Medical Center*

**#55**

**PERINATAL PSYCHIATRY PROVIDER CONSULT LINE (PPPCL): RESULTS FROM YEAR ONE OF A PHONE BASED CONSULTATION SERVICE**

Elizabeth M. LaRusso, M.D. and Tina Welke, LICSW  
*Allina Health, Minneapolis MN*

**#56**

**COLLABORATION TO IMPROVE PERINATAL MOOD AND ANXIETY DISORDER CARE: NON-PROFITS, SOCIAL WORK, EDUCATION AND THE COMMUNITY**

Kim Zittel-Barr, Ph.D., ACSW, LMSW,<sup>1</sup> Sonia Murdock<sup>2</sup>, Kimberly Bell, Ph.D<sup>3-1</sup> *Buffalo State College Social Work Department;* <sup>2</sup> *Postpartum Resource Center of New York;* <sup>3</sup> *Hanna Perkins Center for Child Development Assistant Professor Psychoanalytic Child Development Case Western Reserve School of Medicine*

**#57**

**THE REPRODUCTIVE MENTAL HEALTH OF SURVIVORS OF SEX TRAFFICKING: A SURVEY OF WOMEN RECEIVING INTEGRATED OBSTETRICS & GYNECOLOGY CARE WITH MENTAL HEALTH SERVICES.**

Judy A. Greene, MD, Veronica Ades, MD, MPH *Bellevue Hospital Center, New York NY and NYU Langone Medical Center*

**#58**

**BIRTH COMPLICATIONS AND STRESS REACTIONS: MODERATING EFFECT OF COPING ACROSS TIME.**

Beth M. Janis<sup>1</sup>, Jennifer L. Callahan PhD<sup>1</sup>, Andrew Shelton<sup>1</sup>, Nicki Aubuchon-Endsley PhD<sup>2</sup> - <sup>1</sup>*University of North Texas* <sup>2</sup>*Idaho State University, Department of Psychology*

**#59**

**ATTRIBUTION AND EXPLANATION: THE QUEST TO UNDERSTAND PRETERM BIRTH**

Leiferman JA<sup>1</sup>, Mazzoni S<sup>2</sup>, Hoffman C<sup>2</sup>, Santoro N<sup>1</sup>. *University of Colorado Denver*<sup>1</sup>; *Denver Health and Hospital Authority*<sup>2</sup>.

**#60**

**A SYSTEMATIC REVIEW AND META-ANALYSIS OF THE ASSOCIATION BETWEEN EATING DISORDERS AND BONE DENSITY**

Lauren Robinson, BSc. <sup>1</sup>; Dr. Vicki Aldridge, BSc, MSc, PhD <sup>1</sup>; Dr. Emma Clark, BSc, MB, BS, MSc, PhD, FRCP <sup>2</sup>; Dr. Madhusmita Misra, MD, MPH<sup>3</sup>; Dr. Nadia Micali, MD, MRCPsych, PhD, FAED <sup>1,4</sup>  
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## NOTES

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