

Magee-Womens Research Summit

SESSION 1, TUESDAY, OCTOBER 9

EMPHASIS ON 9-90

7:00 – 8:00 AM

PREFUNCTION/BALLROOM

Registration, Breakfast

8:00 – 8:15 AM

BALLROOM

Summit Opening: Setting the Stage

Yoel Sadovsky *Executive Director, Magee-Womens Research Institute*

Arthur Levine *Senior Vice Chancellor, John and Gertrude Petersen, Dean of Medicine, University of Pittsburgh*

Moderator: Yoel Sadovsky, *Magee-Womens Research Institute*

8:15 – 8:45 AM

BALLROOM

KEYNOTE: 21st Century Medicine: Exploring New Frontiers in Women's Health Leroy Hood
Institute for Systems Biology, Providence St. Joseph Health

8:45 – 9:15 AM

BALLROOM

KEYNOTE: Opportunities for Biomedical Research and Healthcare at the Intersections of Engineering, Sciences and Medicine Subra Suresh *Nanyang Technological University*

Moderator: Yaacov Barak, *Magee-Womens Research Institute*

Spotlight Talks: Pregnancy

9:15 – 9:45 AM

BALLROOM

An Integrated Genomic and Epigenomic Approach to Pregnancy Health Carole Ober *University of Chicago*

Preventing Prematurity: Genomic Insights into the Timing of Birth Louis Muglia *University of Cincinnati, Cincinnati Children's Hospital Medical Center*

9:45 – 10:00 AM

Break

Moderator: James Roberts, *Magee-Womens Research Institute*

10:00 – 10:20 AM

BALLROOM

Preconception and Pregnancy Influences on the Health and Life Chances of the Next Generation Keith Godfrey *University of Southampton*

10:20 – 10:40 AM

BALLROOM

Pushing Forward the Diagnostic Applications and Biological Understanding of Circulating Nucleic Acids Dennis Lo *Chinese University of Hong Kong*

10:40 – 11:20 AM

BALLROOM

Panel Discussion: 9-90 and Health Across the Lifespan

Moderator: Janet Catov *Magee-Womens Research Institute*

Discussants: Carole Ober *University of Chicago*

Nigel Paneth *Michigan State University*

E. Albert Reece *University of Maryland*

David Stevenson *Stanford University*

11:20 – 11:30 AM

Break

11:30 AM – 12:30 PM

Morning Breakout Sessions: see next page for details

12:30 – 1:30 PM

BALLROOM

Lunch Funders, Advocates and Innovators: A Conversation

Moderator: Jerry Strauss *University of Pennsylvania*

Discussants: Diana Bianchi *Eunice Kennedy Shriver National Institute of Child Health and Human Development*

Claire Pomeroy *Albert and Mary Lasker Foundation*

Heidi Floyd *Patient Advocate, Pink Power Network*

AGENDA

Magee-Womens Research Summit

MORNING BREAKOUT SESSIONS

11:30 AM – 12:30 PM, TUESDAY, OCTOBER 9

Pregnancy Reconceived: A Futuristic View on Pregnancy Health and Life Long Wellness

ROOM 301/302

Moderator: Hyagriv Simhan *Magee-Womens Research Institute*

Discussants: Charles Lockwood *University of South Florida*

Louis Muglia *University of Cincinnati, Cincinnati Children's
Hospital Medical Center*

Amy Murtha *University of California, San Francisco*

David Stevenson *Stanford University*

Michelle Williams *Harvard University*

Life Lessons from Model Organisms

ROOM 303/304

Moderator: Judith Yanowitz *Magee-Womens Research Institute*

Discussants: **A Genomic Timeline of Placenta Development
and Function**, Lee Kraus *University of Texas Southwestern*

**Trophoblast Derives from Human Pluripotent Stem
Cells and Their Value in Studying Placental Pathologies**,

R. Michael Roberts *University of Missouri*

Asgj Fazleabas *Michigan State University*

Carole Mendelson *University of Texas Southwestern*

Precision Health: His, Hers and Theirs

ROOM 315/316

Moderator: Adrian Lee, *Magee-Womens Research Institute*

Discussants: Mike Becich *University of Pittsburgh*

Jeremy Berg *University of Pittsburgh*

Rebecca Nebel *Society for Women's Health Research*

Jonathan Silverstein *University of Pittsburgh*

Women's Health Without Borders

ROOM 317/318

Moderator: Sharon Hillier *Magee-Womens Research Institute*

Discussants: Idhaliz Flores-Caldera *Ponce Health Sciences
University, Puerto Rico*

Stephen Lye *Lunenfeld-Tanenbaum Research Institute, University of
Toronto, Canada*

Annetee Nakimuli *Makerere University, Uganda*

Errol Norwitz *Tufts University*

Yan-Ling Wang *Chinese Academy of Sciences, Beijing, China*

Reducing the Rate of Maternal and Infant Mortality: Trends, Challenges and Opportunities

A Conversation with Community and Advocacy Groups
ROOM 319/320

Moderator: Katherine Himes *Magee-Womens Research Institute*

Discussants: Richard Beigi *Magee-Womens Research Institute*

Agnes Binagwaho *Harvard University, former Minister of Health,
Rwanda*

Ginger Breedlove *Grow Midwives*

Loren Robinson *Pennsylvania Department of Health*

Saraswathi Vedam *University of British Columbia*

AGENDA

Magee-Womens Research Summit

SESSION 2, TUESDAY, OCTOBER 9

EMPHASIS ON SEX DIFFERENCES: BEYOND THE X AND THE Y

Moderator: Mellissa Mann, *Magee-Womens Research Institute*

1:30 – 2:00 PM
BALLROOM

KEYNOTE: Why Sex & Gender Matter in the Precision Health of Women Marcia L. Stefanick
Stanford University

2:00 – 2:30 PM
BALLROOM

KEYNOTE: Surprising Origins of Sex Differences in the Brain Margaret M. McCarthy
University of Maryland

2:30 – 3:15 PM
BALLROOM

Panel Discussion: Sex Differences Across the Lifespan
Moderator: John Harris *Magee-Womens Research Institute*
Discussants: Robert P. Edwards *Magee-Womens Research Institute*
Jill Goldstein *Harvard University*
Margaret M. McCarthy *University of Maryland*
Judy Regensteiner *University of Colorado*
Karen Reue *University of California, Los Angeles*

3:15 – 3:30 PM

Break

Moderator: Dr. Yoel Sadovsky

3:30 – 4:30 PM
BALLROOM

Magee Prize Finalist Presentations
Placental Origin of Congenital Heart Defects – A Paradigm Coming of Age
PIs: Yaacov Barak *Magee-Womens Research Institute*
Myriam Hemberger *University of Calgary*
Henry Sucof *University of Southern California*
Preeclampsia, Microchimerism, and Maternal Cardiovascular Health
PIs: Hilary Gammill *University of Washington*
Carl Hubel *Magee-Womens Research Institute*
Annetine Staff *University of Oslo*
Editing Human Germline Cells with In Vitro Gametogenesis
PIs: Kyle Orwig *Magee-Womens Research Institute*
Alex Yatsenko *Magee-Womens Research Institute*
Katsuhiko Hayashi *Kyushu University*
Amander Clark *University of California, Los Angeles*

4:30 – 4:40 PM

Break

4:40 – 5:40 PM

Afternoon Breakout Sessions: see next page for details

5:40 – 7:00 PM
PREFUNCTION / EAST
ATRIUM

Cocktail Hour and Poster Viewing

7:00 – 9:00 PM
BALLROOM

Magee Prize Dinner
Keynote Speaker: Lara Logan, *Correspondent, 60 Minutes*

AGENDA

AFTERNOON BREAKOUT SESSIONS

4:40 - 5:40 PM, TUESDAY, OCTOBER 9

Revolutionizing Fertility: Modern Approaches to a New Beginning

ROOM 301/302

Moderator: Kyle Orwig *Magee-Womens Research Institute*

Discussants: Serdar Bulun *Northwestern University*

Amander Clark *University of California, Los Angeles*

Mellissa Mann *Magee-Womens Research Institute*

Aleksandar Rajkovic *University of California, San Francisco*

Alexander Yatsenko *Magee-Womens Research Institute*

Tony Zeleznik *Magee-Womens Research Institute*

Bad Bugs, Bad Drugs (Exposures During Pregnancy)

ROOM 315/316

Moderator: Maisa Feghali *Magee-Womens Research Institute*

Discussants: Steve Caritis *Magee-Womens Research Institute*

Jesse Gitaka *University of Nairobi*

Elizabeth Krans *Magee-Womens Research Institute*

Jacques Ravel *University of Maryland*

Women's Health and Wellness Across the Lifespan

ROOM 303/304

Moderator: Judy Chang *Magee-Womens Research Institute*

Discussants: Sonya Borrero *University of Pittsburgh*

Terence Dermody *University of Pittsburgh*

Kim Leslie *University of Iowa*

Maureen Phipps *Brown University*

James Roberts *Magee-Womens Research Institute*

Discovery to Commercialization – Accelerating the Journey

ROOM 317/318

Moderator: Jeanne Cunicelli *UPMC Enterprises*

Discussants: Tracy Warren *Astarte Medical Partners*

Evan Facher *Innovation Institute, University of Pittsburgh*

Invest, Innovate, Empower: Marshalling Collective Action to Drive the Women's Health Research Agenda Forward

A Conversation with Community and Advocacy Groups

ROOM 319/320

Moderator: Laura Ellsworth *Jones Day*

Discussants: Agnes Binagwaho *Harvard University, former Minister of Health, Rwanda*

Karen Feinstein *Jewish Healthcare Foundation*

Monwabisi Gantsho *Rooney International Scholar, Robert Morris University*

Sharon Hillier *Magee-Womens Research Institute*

Elizabeth Miller *University of Pittsburgh*

Gretchen Sorensen *The Sorensen Group*

AGENDA

Magee-Womens Research Summit

SESSION 3, WEDNESDAY, OCTOBER 10

AGING REIMAGINED

7:00 – 8:00 AM

PREFUNCTION/BALLROOM

Registration, Breakfast

8:00 – 8:10 AM

BALLROOM

Welcome Michael Annichine *Magee-Womens Research Institute*

Moderator: Robert Edwards, *Magee-Womens Research Institute*

8:10 – 8:30 AM

BALLROOM

KEYNOTE: When Will We Decide to End Chronic Disease? Kent Thornburg *Oregon Health & Science University*

8:30 – 9:00 AM

BALLROOM

KEYNOTE: Personalized Health Care: From Theory to Practice Ralph Snyderman *Duke University School of Medicine*

Moderator: Richard Beigi, *Magee-Womens Research Institute*

9:00 – 9:30 AM

BALLROOM

Spotlight Talks: Precision Medicine to Optimized Wellness and Avoid Disease

Moving from Precision Medicine to Next Generation Healthcare Joel Dudley, *Icahn School of Medicine at Mount Sinai*

Changing the Trajectory in Women's Health through Scientific Wellness® Jennifer Lovejoy, *Arivale*

Moderator: Yoel Sadovsky, *Magee-Womens Research Institute*

9:30 – 9:40 AM

BALLROOM

Pregnancy Care – Everything's Fine Until It Isn't: One Family's Journey Mary Beth Barnes, John Barnes, John Barnes, Jr.

9:40 – 10:00 AM

Break

Moderator: Karen Feinstein, *Jewish Healthcare Foundation*

10:00 – 10:30 AM

BALLROOM

KEYNOTE: Changing Medicine from Transaction to Purpose and from Disease to Health Clay Marsh *West Virginia University*

10:30 – 11:00 AM

BALLROOM

KEYNOTE: Preeclampsia and Maternal Mortality In Uganda: Challenges and Opportunities Annetee Nakimuli *Makerere University, Uganda*

11:00 AM – 12:00 PM

BALLROOM

Panel Discussion: A Call to Action – the Path Forward

Moderator: Yoel Sadovsky *Magee-Womens Research Institute*

Participants: Baruch Fischhoff *Carnegie Mellon University*

Charles Lockwood *University of South Florida*

Lisa Rohan *Magee-Womens Research Institute*

Roberto Romero *NICHD Pregnancy and Perinatology Branch*

Gordon Smith *University of Cambridge*

Jerry Strauss *University of Pennsylvania*

Michelle Williams *Harvard University*

12:00 – 1:00 PM

BALLROOM

Lunch, Networking, Poster Viewing

Close and Final Comments Michael Annichine, Dr. Yoel Sadovsky

AGENDA

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ADVOCACY BREAKOUT

9:15 - 10:15 AM, TUESDAY, OCTOBER 9

The Opioid Epidemic: Impact and Consequences on Women and Children

A Conversation with Community and Advocacy Groups

ROOM 319/320

Moderator:

Regina LaBelle *Former Chief of Staff, White House Office of National Drug Control Policy (ONDCP)*

Panelists:

Dr. Don Burke *Dean of the Graduate School of Public Health and Associate Vice Chancellor for Global Health*

Dr. Liz Krans *Assistant Professor, Department of Obstetrics, Gynecology & Reproductive Sciences*

Cathleen Palm *Founder, The Center for Children's Justice*

AGENDA