

PROGRAM

Association for Women in Science and Women's Health Institute at Rutgers RWJMS jointly present
2nd Annual New Jersey Women in Health Symposium

AGENDA:

INTRODUCTIONS

Kamana Misra PhD,

President Association for Women in Science, New Jersey

&

Gloria Bachman MD,

Associate Dean of Women's Health,

Director, Women's Health Institute, Rutgers Robert Wood Johnson Medical School

Medical Director, PROUD Gender Center of New Jersey

EXPERTS' COMMENTS on TIMELY WOMEN'S HEALTH TOPICS

Frank Chervenak, MD

Chair, Obstetrics and Gynecology

Donald and Barbara Zucker School of Medicine at Hofstra/Northwell &

Lenox Hill Hospital

Maria Gloria Dominguez, PhD

Henry Rutgers Professor of Microbiome and Health, Rutgers University

AWARDS & RECOGNITIONS

- **The 2020 WOMEN'S HEALTH INSTITUTE STEM LEADERSHIP AWARD**

RECIPIENT: Dr. Kamana Misra: A scientist with expertise in multiple fields, Dr. Misra has a deep interest in translational science. She leads the Association for Women in Science New Jersey (AWIS CJC) activities as the chapter President where she has spearheaded several initiatives for New Jersey women in STEM. Some of these include Women in STEM Entrepreneurship Challenge, Women in STEM Mentoring Excellence Award, MedHealth Challenge for middle and high school females. Her initiative "Providing Entrepreneurial Alternatives for New Jersey Women with Life Sciences PhDs" designed to encourage women to embrace entrepreneurial ventures was funded through National Science Foundation (NSF) supplemental program in partnership with NJIT I-Corps site. Several STEM entrepreneurial ventures with female leads received mini grants and specialized entrepreneurial training. For these contributions she has been an invited speaker at the UN Headquarters for the UN International Day of Women & Girl in Science. Dr. Misra is currently leading the activities of her startup ContraRx, a company focused on educating users on unintended harmful consequences of polypharmacy. A key focus is to address an unmet market need for women focused pharmacovigilance tools. For example, her recent publication highlighting the probability of higher cardiotoxicity risk in female COVID 19 patients on anti-malaria treatment regimen in "Frontiers in



Cardiovascular Medicine” brought together experts from along the globe to segregate their clinical data on COVID 19 patients into male and female trends. She is truly an inspiration for all of us.

- The 2020 WOMEN’S HEALTH INSITUTE INNOVATIVE RESEARCH AWARD

RECIPIENT: Dr. Adrian Balica: Working with Ilker Hacihaliloglu in the Rutgers Department of Biomedical Engineering, he studied ‘Artificial intelligence for evaluation of the endometrial tissue ultrasound data: a precursor for endometriosis diagnosis.’ At Rutgers Robert Wood Johnson Medical School, Dr. Balica is Chief of the Division of Minimally Invasive Pelvic Surgery and an esteemed mentor as well as a well published researcher. In the Department of Obstetrics, Gynecology and Reproductive Medicine, he not only is a sought after pelvic surgeon, but also he runs the gynecologic ultrasound unit. He has many administrative positions in the Rutgers Health faculty practice as well as in several committees of the medical school.



- 2020 AWIS New Jersey STEM Scholars: introduced by Dr. Kamana Misra
- 2020 WHI Abstract Winners: introduced by Dr. Gloria Bachmann
Special thanks to Research Judging Panel: Eugenia Girda, MD (Chair), Joan Bennett, PhD, Linda Hipps, MD, Lena Merjanian,MD

CLOSING REMARKS. "Science: A catalyst for change"

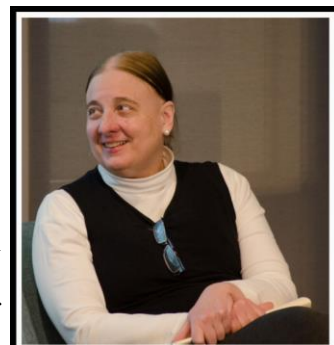
Qiana Brown, PhD, MPH, LCSW.

Assistant Professor of Epidemiology and Maternal and Child Health,
School of Social Work and School of Public Health, Department of Urban-Global Public Health
Director, The Substance Use Research, Evaluation, and Maternal and Child Health (SURE MatCH) Group, Center for Preventive Science, Rutgers University

BIO'S

Gloria Bachmann, MD,
Director of the Rutgers RWJMS Women's Health Institute

Gloria Bachmann, MD, is the Director of the Rutgers Robert Wood Johnson Medical School (RWJMS) Women's Health Institute, the Associate Dean for Women's Health, Professor of Obstetrics and Gynecology and Professor of Medicine. In 2016, she commenced the One Health Initiative at RWJMS. Dr. Bachmann is a well-known authority on health issues and currently serves on the editorial board of the journals *Maturitas*, *Journal of Reproductive Medicine*, *Women's Midlife Health*, *Journal of Lower Genital Tract Disease* and *Menopause*. She has published extensively and has over 400 articles and chapters in the medical literature. She has published extensively and has over 400 articles and chapters in the medical literature. A highly regarded researcher, she has been an investigator in the National Institute of Health (NIH) Women's Health Initiative as well as PI and Co-PI on two NIH (R01) grants on vulvodynia. Dr. Bachmann is actively involved in the American College of Obstetricians and Gynecologists (ACOG), an organization that represents women's health specialists, in which she serves in several leadership capacities. Dr. Bachmann earned her BA from Rutgers University, an MMS degree from Rutgers Medical School and an MD degree from the University of Pennsylvania Medical School.



Frank Chervenak, MD
Chair, Obstetrics and Gynecology
Donald and Barbara Zucker School of Medicine at Hofstra/Northwell & Lenox Hill Hospital

Frank Chervenak, MD, is internationally renowned for his expertise in obstetrics and gynecology. Dr. Chervenak has been awarded 12 honorary doctorates from international universities. In 2010, he was admitted as a fellow ad eundem of the Royal College of Obstetricians and Gynaecologists of the United Kingdom, and as a foreign member of the Russian Academy of Sciences. He has published more than 300 papers in peer-reviewed journals and coauthored or coedited 36 books.

He holds several professional affiliations, including president of the International Society of the Fetus as a Patient, secretary-general of the International Academy of Perinatal Medicine and codirector of the Ian Donald Inter-University School of Medicine and Ultrasound. He's also chair of the International Federation of Gynecology and Obstetrics' Ethics Committee and serves on the Bioethics Committee for the March of Dimes.

Dr. Chervenak holds a bachelor's degree from Pennsylvania State University and he earned his medical degree from Thomas Jefferson University, where he was elected a member of Alpha Omega Alpha Medical Honor Society. He later completed an internship in internal medicine at New York Medical College, a residency in obstetrics and gynecology at New York Medical College and St. Luke's Roosevelt Hospital Center and a fellowship in maternal-fetal medicine at Yale University School of Medicine. He also received a Master in Medical Management from Carnegie Mellon University in 2002 and earned fellowship status from the American College of Physician Executives in 2008.



Maria Gloria Dominguez-Bello, Ph.D.
Henry Rutgers Professor of Microbiome and Health

Maria Gloria Dominguez-Bello is the Henry Rutgers Professor of Microbiome and Health at Rutgers University Departments of Biochemistry and Microbiology, and of Anthropology, and is the Director of the Institute for Food Nutrition and Health (IFNH). She cofounded the Microbiota Vault, a global initiative to preserve the diversity of the microbes relevant to human health. She is a Fellow of the American Academy of Microbiology, and of the Infectious Disease Society of America (IDSA), a member of the Editorial Board and reviewer at several scientific journals, and invited reviewer at funding entities in the US and abroad. She has published over 140 scientific articles, and her work integrates the microbiome, microbial ecology and anthropology, currently focusing on gradients of urbanization and the role of microbiota impacts on modern chronic diseases.



Qiana Brown, PhD, MPH, LCSW
Assistant Professor of Epidemiology & Maternal & Child Health, School of Social Work and School of Public Health, Department of Urban-Global Public Health
Director, The Substance Use Research, Evaluation, and Maternal and Child Health (SURE MatCH) Group,
Center for Preventive Science, Rutgers University

Dr. Qiana L. Brown is an assistant professor of epidemiology and maternal and child health at the Rutgers University School of Social Work and School of Public Health, Department of Urban-Global Public Health. Dr. Brown's research focuses on system-level change to improve maternal and child health - centering on preventing prenatal substance use and examining the role of the built and social environment and health and social policy in shaping substance use and other health outcomes among women, youth and families. Her research is currently funded by an NCATS/CTSA career development award through the New Jersey Alliance for Clinical and Translational Science. Dr. Brown earned her PhD in drug dependence epidemiology from the Johns Hopkins University and completed a postdoctoral research fellowship in substance abuse epidemiology at Columbia University. She also holds MPH and MSW degrees in maternal and child health. In addition to research, Dr. Brown founded and directs a non-profit, community-based, substance abuse treatment center-Jane's House of Inspiration-where she focuses on helping women, families, and communities address problems related to substance use disorders.



WHI ABSTRACTS	Author(s)
1. Menopause: Women's perceptions and experiences across cultures	Ria Melani-Lubis
2. Oxytocin: Beneficial Effects for both men and women	Tara Mason
3. Gender-Affirming Facial Surgery Procedures: An Overview	Archana Raghunath
4. The Social History of Marijuana Use in South Asia	Zaina Chaudry
5. Pregnancy: Hurdles that Disabled Women Face	Stephanie N. Zito
6. Influence of Media on HIV & HIV Disparities within the LGBTQ+ community	Samantha Tumblety
7. Smoking and Drinking During Pregnancy" Need for Intervention Program	Khushali Patel
8. A One Health Undergraduate Student Club: Anticipating the Hurdles and Providing a Structure	Eliana Schach and Mugdha Parulekar
9. Clinical Difference between Aging Men and Women	Aishwarya Kumar
10. Impact of Continuous Cannabis Use	Sameen Siddiqui
11. Impact on First-Year Medical Students of Peer-Teaching Transgender Medicine Session	Cynthia Zheng
12. Mental Health in Aging Transgender Individuals: A Literature Review	Evan Perkiss
13. Evolution of access to healthcare for the middle-aged woman	Megha Shah
14. Commencing a One Health Undergraduate Club	Mugdha Parulekar and Eliana Schach
15. One Health Educating Future Health Care Providers Through an Interest Group	Halle Fitzgerald
16. Maternal Obesity and its Effect on Stillbirths	Serah Sannoh
17. Domestic Violence Risk during the Covid-19 Pandemic	Lauren Freidenrich
18. Counseling Transgender Youth to Assist Them in Making Family Building Decisions	Eliana Schach
19. Addressing Perinatal Mood and Anxiety Disorders: Novel Role of Women Helping Women	Kristin Blackledge and Jane Jacob
20. Pets and Pregnancy: Recognizing Risks	Sujay Deshpande
21. Should Women Be Denied Reproductive Assistance Based on Age?	Zainab Chaudhary
22. Assisted Reproductive Technology; Proposing Legislation to Eliminate Socio-Economic Hurdles	Waad Sayed
23. Getting to Know the Person behind Our Patient	Samantha Elfanagely; edited by Vanessa Ortiz
24. Global Health Experience with Maternal Healthcare in Finland	Alexandra Schimdt
25. Mothers, Children, and the Microbiome	Nicole Fosko
26. Alcohol Dependence: Exploring the Issue Among an Interdisciplinary Panel of Female Leaders	Halle Fitzgerald, Evan Perkiss, Eliana Schach
27. Addressing Pain: A Need to Consider All Organ Systems	Nicole Fosko
28. Product development intern at a pharmaceutical company: lessons learned	Elizabeth Aikens
29. Female gender associated with prolonged longevity as compared to male gender	Mike Adarkwah
30. Pet Visitation for Chronic or Terminally Ill Hospitalized Patients	Taylor Corsi