



2023 BIRCWH ANNUAL MEETING

NIH Main Campus
Natcher Conference Center (Building 45)
Ruth L. Kirschstein Auditorium

Tuesday, December 5, 2023
8:00 a.m.–5:00 p.m.

If you are unable to join us for the 2023 BIRCWH Annual Meeting in person, please join via live [videocast](#).

Sign language interpreting services are available upon request. Individuals who need interpreting services and/or other reasonable accommodations to participate in this event should contact Dr. Mavreen Tuvilla at BIRCWHprogram@nih.gov or 301.496.8974. Requests should be made at least five business days before the event.





The Building Interdisciplinary Research Careers in Women's Health (BIRCWH, pronounced "birch") is a mentored career-development program designed and created by the Office of Research on Women's Health (ORWH) and its NIH Institute, Center, and Office (ICO) partners to connect junior faculty to senior faculty who share an interest in women's health and sex differences research. Since its inception in 2000, more than 750 junior faculty, also known as BIRCWH Scholars, have participated in career development training through ORWH and its partners across NIH. Together, ORWH and NIH contribute more than \$15 million per year to support [19 active BIRCWH programs](#).

A COLLABORATIVE EFFORT

ORWH is the NIH lead for the BIRCWH program and works with NIAMS and NIDA on grant management for all awards. Current and past co-sponsors include:

- National Cancer Institute (NCI)
- National Institute on Aging (NIA)
- National Institute on Alcohol Abuse and Alcoholism (NIAAA)
- National Institute of Allergy and Infectious Diseases (NIAID)
- National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS)
- *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD)
- National Institute of Dental and Craniofacial Research (NIDCR)
- National Institute on Drug Abuse (NIDA)
- National Institute of Environmental Health Sciences (NIEHS)
- National Institute of Mental Health (NIMH)
- Office of AIDS Research (OAR)
- Office of Behavioral and Social Sciences Research (OBSSR)

ELIGIBILITY

Junior faculty must have recently completed clinical training or a postdoctoral fellowship and must plan to conduct interdisciplinary basic, translational, behavioral, clinical, and/or health-services research relevant to women's health. All applicants must apply through the specific BIRCWH site. Most BIRCWH Scholars move on to obtain independent NIH grant funding after their participation.





2023 BIRCWH ANNUAL MEETING AGENDA

7:30 a.m.–8:00 a.m.	Registration & Networking	Lower Level Auditorium
8:00 a.m.–8:20 a.m.	Welcome from ORWH Janine Austin Clayton, M.D., FARVO NIH Associate Director for Research on Women's Health Director, ORWH Lisa Begg, Dr.P.H., RN Senior Research Program Officer, ORWH Program Officer for BIRCWH	Lower Level Auditorium
8:20 a.m.–8:25 a.m.	Introduction of the Ruth L. Kirschstein Memorial Lecture Janine Austin Clayton, M.D., FARVO	Auditorium
8:25 a.m.–9:10 a.m.	Keynote Address: Ruth L. Kirschstein Memorial Lectureship Karen M. Freund, M.D., M.P.H., Tufts University Physician-In-Chief, Tufts Medical Center Sheldon M. Wolff Professor and Chair, Department of Medicine at Tufts University School of Medicine Harry and Elsa Jiler Clinical Research Professor, American Cancer Society	Auditorium
9:10 a.m.–9:15 a.m.	Introduction of the 2023 BIRCWH Scholars Lisa Begg, Dr.P.H., RN	Auditorium
9:15 a.m.–10:35 a.m.	2023 BIRCWH Scholars–Podium Presentations: <hr/> “Establishment of a Multi-Organ Fetal-Maternal Interface Organ-On-Chip to Model Pathology and Conduct Drug Testing” <ul style="list-style-type: none"> • Lauren S. Richardson, Melody Safarzadeh, Ananth K. Kamala, Enkhtuya Radnaa, Mohamed Bettayeb, Angela Mosebarger, Arum Han, Ramkumar Menon University of Texas Medical Branch Principal Investigator (PI): Abbey Berenson, M.D., Ph.D., M.M.S. <hr/> “Sex Differences in the Management of Dyslipidemia in a Co-hort of Black Americans: Findings from the Jackson Heart Study” <ul style="list-style-type: none"> • Ana F. Diallo, Sameera Talegawkar, Elvin Price, Paule V. Joseph, Amadou Gaye Virginia Commonwealth University Pls: Susan G. Kornstein, M.D. and Barbara D. Boyan, Ph.D. <hr/> “Association Between Structural Racism and Black-White Infant Mortality Rate Disparity in the United States” <ul style="list-style-type: none"> • Sebastian Z. Ramos, Erika F. Werner, Chloe E. Bird, Ndidiyama Amutah-Onukagha, Michael B. Siegel Tufts University Pls: Karen M. Freund, M.D., M.P.H. and Iris Jaffe, M.D., M.P.H. <hr/> “Hypertension, Antihypertensive Use, and Uterine Fibroid Diagnosis in Midlife: Study of Women's Health Across the Nation (SWAN)” <ul style="list-style-type: none"> • Susanna D. Mitro, Catherine Lee, L. Elaine Waetjen, Lauren A. Wise, Eve Zaritsky, Siobán D. Harlow, Samar R. El Khoudary, Daniel H. Solomon, Nanette Santoro, Rebecca C. Thurston, Monique M. Hedderson University of California, San Francisco-Kaiser Permanente Pls: Claire D. Brindis, Dr.P.H., M.P.H. and Cynthia Harper, Ph.D. 	Auditorium



2023 BIRCWH ANNUAL MEETING AGENDA

10:35 a.m.–11:05 a.m.	Break & Networking	
11:05 a.m.–11:10 a.m.	Introduction to the Legacy of Leadership Lecture Xenia Tigno, Ph.D., M.S. (Epi) Associate Director for Careers, ORWH	Auditorium
11:10 a.m.–11:55 a.m.	Legacy of Leadership Lectureship Lindsey A. Criswell, M.D., D.Sc., M.P.H. Director of NIAMS Head, Genomics of Autoimmune Rheumatic Disease Section, Medical Genetics Branch, National Human Genome Research Institute (NHGRI)	Auditorium
11:55 a.m.–12:00 p.m.	Closing Remarks for Plenary Session Lisa Begg, Dr.P.H., RN	Auditorium
12:00 p.m.–12:15 p.m.	BIRCWH PI Photograph	
12:00 p.m.–1:15 p.m.	Lunch & Networking for Meeting Attendees	
1:15 p.m.–2:45 p.m.	BIRCWH Scholars–NIH ICO Mentoring <i>*Open to current BIRCWH Scholars by sign-up only*</i> <ul style="list-style-type: none"> • National Cancer Institute • National Heart, Lung, and Blood Institute • National Institute on Aging • National Institute on Alcohol Abuse and Alcoholism • National Institute of Allergy and Infectious Diseases • National Institute of Arthritis and Musculoskeletal and Skin Diseases • Eunice Kennedy Shriver National Institute of Child Health and Human Development • National Institute on Drug Abuse • National Institute of Mental Health <i>NIH Office of the Director:</i> <ul style="list-style-type: none"> • Office of Research on Women's Health • Office of Behavioral and Social Sciences Research 	Room E1/E2, G1
2:45 p.m.–3:00 p.m.	Break	
3:00 p.m.–5:00 p.m.	BIRCWH Abstracts/Posters Discussion & Networking	Atrium and Balcony (Upper Level)
5:00 p.m.	Meeting Adjourned	

BIOGRAPHIES



Janine Austin Clayton, M.D., FARVO

- Associate Director for Research on Women's Health
- Director, ORWH

Janine Austin Clayton, M.D., FARVO, was appointed associate director for research on women's health and director of the Office of Research on Women's Health at NIH in 2012. Dr. Clayton has strengthened NIH support for research on diseases, disorders, and conditions that affect women. She is the architect of the NIH policy requiring scientists to consider sex as a biological variable across the research spectrum as part of NIH's initiative to enhance reproducibility, rigor, and transparency. As co-chair of the NIH Working Group on Women in Biomedical Careers with NIH Director Francis Collins, M.D., Ph.D., Dr. Clayton leads NIH's efforts to advance women in science careers. In 2021, Dr. Clayton was elected to the Board of Directors of the American Association for the Advancement of Science (AAAS).

Dr. Clayton was previously the deputy clinical director of the National Eye Institute (NEI). A board-certified ophthalmologist, Dr. Clayton's research interests include autoimmune ocular diseases and the role of sex and gender in health and disease. Dr. Clayton has a particular interest in ocular surface disease and discovered a novel form of disease associated with premature ovarian insufficiency that affects young women, setting the stage for her commitment to rigorous and thoughtful explorations of the role of sex and gender in health and disease. She is the author of more than 120 scientific publications, journal articles, and book chapters. Her clinical research has ranged from randomized controlled trials of novel therapies for immune-mediated ocular diseases to studies on the development of digital imaging techniques for the anterior segment.

Dr. Clayton, a native Washingtonian, received her undergraduate degree with honors from Johns Hopkins University and her medical degree from Howard University College of Medicine. She completed a residency in ophthalmology at the Medical College of Virginia. Dr. Clayton completed fellowship training in cornea and external disease at the Wilmer Eye Institute at Johns Hopkins Hospital and in uveitis and ocular immunology at NEI.

Dr. Clayton has received several awards and has been recognized as a leader by her peers. She received the Senior Achievement Award from the Board of Trustees of the American Academy of Ophthalmology in 2008, she was selected as a 2010 Silver Fellow by the Association for Research in Vision and Ophthalmology, and she won the European Uveitis Patient Interest Association Clinical Uveitis Research Award in 2010. In 2015, Dr. Clayton was awarded the American Medical Women's Association Lila A. Wallis Women's Health Award and the Wenger Award for Excellence in Public Service. In 2016, Dr. Clayton was granted the Bernadine Healy Award for Visionary Leadership in Women's Health. She was also selected as an honoree for the Woman's Day Red Dress Awards and the American Medical Association's Dr. Nathan Davis Awards for Outstanding Government Service in 2017.



Xenia T. Tigno, Ph.D.

- Associate Director for Careers, ORWH

Xenia T. Tigno, Ph.D. is the associate director for careers at ORWH. Prior to this role, she was a program officer at NIH National Heart, Lung, and Blood Institute (NHLBI) and National Institute for Nursing Research (NINR). Dr. Tigno has published in the areas of the biophysics of the microcirculation, obesity, diabetes, aging, community-based epidemiology, chaos analysis, herbal medicine, and women's health. She taught medical physiology for nearly 30 years, including serving as professor and chair of the Department of Physiology at the University of the Philippines College of Medicine and as coordinator of the Medical Physiology course at the University of South Florida.

A native of Manila, Philippines, Dr. Tigno obtained her bachelor's degree in physics and master's degrees in physiology and epidemiology from the University of the Philippines. She earned her doctorate in Natural Science (with high honors) from the University of Wurzburg, Federal Republic of Germany. As a bench scientist, she has worked in various laboratories, including at the European Organization for Nuclear Research, known as CERN, in Geneva, Switzerland; the Physiological Institutes in Wurzburg, Munich, and Berlin; and at the National Cardiovascular Institute in Osaka, Japan. She has edited a book for the American Physiological Society, *Sex-Based Differences in Lung Physiology*, and a textbook on integrative physiology. Dr. Tigno's current efforts support the advancement of women in biomedical careers and promote diversity and inclusion in academia.

BIOGRAPHIES



Lisa Begg, Dr.P.H., RN

- Senior Research Program Officer, ORWH, Program Officer for BIRCWH

Lisa Begg, Dr.P.H., RN has worked as a senior scientist, administrator, and educator within the federal government and academia as well as clinical, and research settings. Since joining the NIH, she has developed, implemented, and managed several large, complex extramural research programs. She initially served as the chief of the NCI Cancer Training Branch, where she managed a budget of \$110 million per year while implementing a broad strategic plan for research training and career development.

She then joined ORWH to work across the NIH institutes and centers to develop and enhance a variety of initiatives in women's health and sex differences research, including several NIH-wide and federal-wide research initiatives. In addition to these activities, Dr. Begg oversees BIRCWH, an institutional career development grant program. The BIRCWH program was originally created in 2000 and continues to provide career development to junior faculty who have recently completed clinical training or postdoctoral fellowships, and who will be engaged in interdisciplinary basic, translational, behavioral, clinical, and/or health services research relevant to the health of women and, where appropriate, the use of both sexes to better understand the influence of sex as a biological variable on health and disease.

While working in academia, Dr. Begg created a large breast cancer research program with support from several extramural research grants and contracts. As faculty at the University of Pittsburgh, she taught graduate students in the Graduate School of Public Health (GSPH) and the School of Nursing. She held faculty positions within GSPH, the School of Nursing, and the School of Medicine. Earlier in her career, she founded the Oncology Nursing Society, which now has over 35,000 members domestically and worldwide, and which provides nursing research support second only to NINR.

Dr. Begg holds a Dr.P.H. in Epidemiology from the University of Pittsburgh; an M.P.H. in Epidemiology from University of California, Los Angeles; an M.S. in Nursing from University of California, San Francisco; and a B.S.N. from Boston College.



Lindsey A. Criswell, M.D., D.Sc., M.P.H.

- Director, NIAMS
- Head, Genomics of Autoimmune Rheumatic Disease Section, Medical Genetics Branch, NHGRI

Lindsey A. Criswell, M.D., D.Sc., M.P.H., is a rheumatologist and human genetic epidemiologist who has played a major role in the identification of genes and environmental factors that contribute to risk and outcome of autoimmune rheumatic diseases. Dr. Criswell has substantial training and experience in epidemiologic and statistical methods for identifying genes that contribute to complex human disorders. Dr. Criswell's contributions to genome-wide association studies (GWAS) of systemic lupus erythematosus (SLE), rheumatoid arthritis (RA), and Sjögren's syndrome resulted in the identification of many genes that contribute to these disorders. In addition to leading projects that seek to refine genotype-phenotype associations for specific manifestations of autoimmune diseases, Dr. Criswell also leads studies that seek to determine whether epigenetic factors, such as differences in DNA methylation status, contribute to risk and outcome of SLE, RA and Sjögren's syndrome.

With 20 years' experience recruiting and enrolling autoimmune disease patients for participation in genetic and epidemiologic studies, Dr. Criswell has played a major role in the development of several national and international consortia. As vice chancellor of research at the University of California, San Francisco (UCSF), she was responsible for directing UCSF's effort to advance innovative, collaborative, and interdisciplinary biomedical research across the university's professional schools and graduate programs. Dr. Criswell also served as the program director for NIAMS P30 Precision Medicine in Rheumatology (PREMIER) Center and was co-PI for the Clinical and Translational Science Institute. Currently, Dr. Criswell serves as the director of NIAMS and head of the Genomics of Autoimmune Rheumatic Disease Section at NHGRI. She is deeply committed to mentoring at all levels and has personally mentored more than 25 medical students, graduate students, and postdoctoral fellows.

BIOGRAPHIES



Karen M. Freund, M.D., M.P.H.

- Physician-In-Chief, Tufts Medical Center
- Sheldon M. Wolff Professor and Chair, Department of Medicine, Tufts University School of Medicine
- Harry and Elsa Jiler Clinical Research Professor, American Cancer Society
- Professor, Tufts University, School of Medicine, Public Health, and Community of Medicine
- Graduate Biomedical Sciences Member, Graduate School of Biomedical Sciences, Clinical and Translational Research Program, Tufts University
- Sarah Murray Jordan Professorship in Medicine, Tufts University School of Medicine

Karen M. Freund, M.D., M.P.H. is Sheldon M. Wolff professor and chair of the Department of Medicine at Tufts University School of Medicine and serves as physician-in-chief at Tufts Medical Center. She also holds an American Cancer Society Harry and Elsa Jiler Clinical Research Professorship. She serves as a principal investigator for several research projects at the Tufts BIRCWH career development program, along with Iris Jaffe, M.D., Ph.D., and previously served as PI of the BIRCWH program at Boston University.

Dr. Freund's research career has focused on women's health, with much of her work specifically on health disparities in women. She is internationally recognized for her work in patient navigation as an intervention to achieve health equity for under-resourced populations. With ORWH support, she received funding to examine the factors associated with the lack of progression of women and underrepresented women in biomedical careers. She and her colleagues have conducted the only national longitudinal study of medical school faculty. This work has demonstrated that women continue to lag men in career advancement and leadership, even with their academic achievements, and has outlined specific institutional interventions to reverse these inequities.



2023 ACTIVE BIRCWH PROGRAMS

INSTITUTION	PRINCIPAL INVESTIGATORS
Duke University	Cindy Amundsen, M.D.
Emory University	Ighowwerha Ofotokun, M.D., M.S. Claire E. Sterk, Ph.D.
Harvard University/Massachusetts General Hospital/ Brigham and Women's Hospital	Jill Goldstein, Ph.D. Kathryn Rexrode, M.D.
Johns Hopkins University	Daniel Ford, M.D., M.P.H.
Magee-Womens Research Institute and Foundation	Yoel Sadovsky, M.D.
Mayo Clinic	Kejal Kantarci, M.D., M.S.
Oregon Health & Science University	Leslie Myatt, Ph.D. FRCOG
Tufts University	Karen M. Freund, M.D., M.P.H. Iris Jaffe, M.D., Ph.D.
Tulane University	M.A. "Tonette" Krousel-Wood, M.D., M.S.P.H.
University of California, Davis	Nancy E. Lane, M.D.
University of California, San Francisco	Claire Brindis, Dr.PH., M.P.H. Cynthia Harper, Ph.D.
University of Colorado	Judith Regensteiner, Ph.D. Nanette F. Santoro, M.D.
University of Kentucky	Thomas A. Curry, Ph.D. Ann L. Coker, Ph.D., M.P.H.
University of Illinois Chicago	Pauline M. Maki, Ph.D. Irina Buhimschi, M.D.
University of Minnesota	Jerica M. Berge, Ph.D., M.P.H. Bharat Thyagarajan, M.D., Ph.D., M.P.H. Sharon S. Allen, M.D., Ph.D.
University of Texas Medical Branch	Abbey Berenson, M.D., Ph.D., M.M.S.
University of Wisconsin-Madison	Elizabeth Burnside, M.D., M.P.H., M.S. Linsey M. Steege, Ph.D. Lisa M. Barroilhet, M.D.
Vanderbilt University	Katherine Hartmann, M.D., Ph.D. Digna R. Velez Edwards, M.D. Amy S. Major, Ph.D.
Virginia Commonwealth University	Susan G. Kornstein, M.D. Barbara D. Boyan, Ph.D.





2023 BIRCWH POSTERS

All posters are listed by lead author and clustered in categories

The 2023 BIRCWH abstracts were recently published in the October issue of the Journal of Women's Health. View the [BIRCWH Abstracts](#).

LEAD AUTHOR	POSTER TITLE	POSTER NO.
PODIUM SPEAKERS		
Lauren Richardson, Ph.D.	Establishment of a multi-organ fetal-maternal interface organ-on-chip to model pathology and conduct drug testing	O-1, C-9
Ana Diallo, Ph.D.	Sex differences in the management of dyslipidemia in a cohort of Black Americans: Findings from the Jackson Heart Study	O-2, B-3
Sebastian Ramos, M.D.	Association Between Structural Racism and Black-White Infant Mortality Rate Disparity in the United States	O-3, G-10
Susanna Mitro, Ph.D., M.P.H.	Hypertension, antihypertensive use, and uterine fibroid diagnosis in midlife: Study of Women's Health Across the Nation (SWAN)	O-4, C-7
CLINICAL RESEARCH		
Suzanna Attia, M.D., M.Sc.PH.	Maternal Moringa oleifera Leaf Supplementation Increases Milk Output, Infant Hemoglobin, and Infant IGF-1: a Pilot Randomized Clinical Trial in Breastfeeding Kenyan Dyads	A-1
Linda Burkett, M.D.	Prefrontal Cortex Excitation Patterns using fNIRS during Natural Filling in Women with Urinary Urgency	A-2
Catherine Burrows, Ph.D., LP	Sex differences in timing of Autism Spectrum Disorder Diagnosis in a high-familial likelihood sample	A-3
Kelsie Full, Ph.D., M.P.H.	Poor sleep increases the risk of cardiovascular mortality in older women	A-4
Alisse Hauspurg, M.D.	Clinical Outcomes Following Implementation of a Remote Hypertension Monitoring Program for Individuals with Hypertensive Disorders of Pregnancy	A-5
Maria (Daniela) D. Hurtado Andrade, M.D., Ph.D.	Weight Loss Outcomes with Semaglutide in Menopausal Women with and without Menopausal Hormone Therapy	A-6
Justin Karr, Ph.D.	Repetitive Head Injuries and Post-Concussion Symptom Severity in Women Survivors of Intimate Partner Violence	A-7
Binu Koirala, Ph.D., M.G.S. RN	Living with heart failure and multimorbidity: Gender differences in symptom burden and quality of life	A-8
Victoria Lee, M.D.	Sex-based differences in severity of chronic rhinosinusitis as reported by SNOT-22 scores	A-9





LEAD AUTHOR	POSTER TITLE	POSTER NO.
CLINICAL RESEARCH		
Andrea Lopez-Cepero, Ph.D.	Recruiting women with elevated stress in Puerto Rico to adapt a Mindfulness-Based Cognitive Therapy intervention and preliminary findings from focus group discussions.	A-10
Deanne Tibbitts, Ph.D., M.C.R.	Considerations for achieving sex-balanced enrollment into a technology-based observational study of patients with multiple myeloma	A-11
Yilin Yoshida, Ph.D., M.P.H.	Cumulative Effect of Risk Factors and Left Ventricular Geometry in Men and Women with Early-Onset Diabetes	A-12
Kelsey Hagan, Ph.D.	Applying Machine Learning to Ecological Momentary Assessment Data to Identify Predictors of Future Loss-of-Control Eating in Adolescents	A-13
Anita Hargrave, M.D., M.A.S.	In their own words: Perspectives of IPV survivors on obtaining support within the healthcare system	A-14
Mary Whipple, Ph.D., RN, PHN	Sex differences in the effects of breaking up sedentary behavior on vascular function among older adults with type 2 diabetes	A-15
Erin Peacock, Ph.D.	Development of a Patient-centered Approach Addressing Sex-Specific Factors for Promoting Sleep Health as a Component of Cardiovascular Health	A-16
Elizabeth Wood, Ph.D.	Maternal Dietary Programming of Infant Negative Affect: Exploring the Role of Vitamin C and the Dietary Glycemic Index	A-17
Adrienne E. Hoyt-Austin, D.O., M.A.S.	Variations in expressed human milk nutritional content and volume when videoconferencing with their hospitalized premature infant	A-18
SEX AND GENDER DIFFERENCES		
Audrey Blewer, Ph.D.	Measurement of gender bias in the cardiovascular disease literature	B-1
Phillip Cantu, Ph.D.	International comparisons of gender pattern in informant reports of cognitive decline in older adults	B-2
Ana Diallo, Ph.D.	Sex differences in the management of dyslipidemia in a cohort of Black Americans: Findings from the Jackson Heart Study	B-3, O-2
Cassie Grimsley Ackerley, M.D.	Sex-specific Differences in Rectal Mucosal HIV Transmission	B-4
Andreana Holowatyj, Ph.D., M.S.	Clinical Multigene Panel Testing Identifies Racial/Ethnic and Sex Differences in Germline Pathogenic Variants Among Patients with Early-Onset Colorectal Cancer	B-5





LEAD AUTHOR	POSTER TITLE	POSTER NO.
SEX AND GENDER DIFFERENCES		
Angela Jarman, M.D., M.P.H.	Precision Emergency Medicine: An Assessment of the Roles of Sex and Gender	B-6
Pavitra Kotini-Shah, M.D.	Sex Hormone Trajectories and Association to Outcomes after Out-of-Hospital Cardiac Arrest	B-7
Caitlin Pope, Ph.D.	Sex differences in health status and driving behaviors in a sample of older drivers: A 10-year investigation of the ACTIVE Study	B-8
Ana Serezani, Ph.D., M.S.	Age-associated DNA methylation of familial pulmonary fibrosis might predict earlier disease	B-9
Megan Shuey, Ph.D., M.S.	Increased risk of adult-onset incident asthma in females is associated with weight gain	B-10
Burcu Zeydan, M.D.	Relationship Between Reproductive Milestones and Progressive Multiple Sclerosis in Women	B-11
Victoria Lyo, M.D., M.T.M	Sex Differences in Response to Bariatric Surgery	B-12
Mary Roberts Davis, Ph.D., RN	Sex & Gender Differences in Symptoms and Antecedent Healthcare Utilization in Newly Diagnosed HF (SAGEST-HF)	B-13
Tarannum Jaleel, M.D.	Hidradenitis Suppurativa in Women: Relationship between HS disease activity and hormonal status	B-14
Laurel Legenza, Pharm.D., Ph.D.	A scoping review on sex and gender differences in antimicrobial resistance	B-15
REPRODUCTIVE HEALTH		
April Bell, Ph.D., M.P.H.	Moving away from shame: Using a strengths-based approach to improving the sexual and reproductive health of Black girls	C-1
Larissa Calancie, Ph.D.	Simulating Glucose and Insulin Dynamics in Early and Late Pregnancy	C-2
Gabriela Halder, M.D., M.P.H.	Fecal Incontinence and Life-Space Mobility among older Mexican American Women	C-3
Jacklyn Hellwege, Ph.D.	Cross-Ancestry Genome-Wide Association Meta-Analyses of Uterine Fibroids	C-4
Elizabeth Jasper, Ph.D., M.S.	Association of maternal and fetal genetically predicted gene expression with gestational weight gain	C-5
Laura Kair, M.D., M.A.S.	Perinatal Cannabis Use, Breastfeeding, and Infant Developmental Outcomes	C-6
Susanna Mitro, Ph.D., M.P.H.	Hypertension, antihypertensive use, and uterine fibroid diagnosis in midlife: Study of Women's Health Across the Nation (SWAN)	C-7, O-4





LEAD AUTHOR	POSTER TITLE	POSTER NO.
REPRODUCTIVE HEALTH		
Beatriz Penalver Bernabe, Ph.D.	Associations Between Neuroactive Steroids on the Maternal Gut Microbiota	C-8
Lauren Richardson, Ph.D.	Establishment of a multi-organ fetal-maternal interface organ-on-chip to model pathology and conduct drug testing	C-9, O-1
Dovile Vilda, Ph.D., M.Sc.	The risk of perinatal cardiovascular complications in pregnancies conceived by assisted reproductive technology	C-10
Gloria Gerber, M.D.	The Role of Complement in Obstetric Outcomes in Antiphospholipid Syndrome	C-11
Bethany Samuelson Bannow, M.D.	PAI-1, tPA, TFPI and Endometrial Endothelial Cells in Uterine Hemostasis	C-12
Lyndsey DuBose, Ph.D.	Maternal Vascular Function Following Pregnancies Conceived via In Vitro Fertilization: A Pilot Study	C-13
CANCER		
Hunter Holt, M.D., M.A.S.	Tubal Sterilization and Cervical Cancer Underscreening in the United States	D-1
Christine Hsu, Ph.D.	Cervical Cancer Screening in Solid Organ Transplant Recipients	D-2
Jennifer Plichta, M.D.	Timing of Breast Surgery for Patients with Metastatic Breast Cancer	D-3
Cirila Estela Vasquez Guzman, Ph.D.	The Crisis of Cervical Cancer Among Latinas: Content Analysis of Interviews of Middle-Aged and Older Latinas in the Pacific Northwest	D-4
Kelsey Gabel, R.D., Ph.D.	Time restricted eating with and without a Mediterranean diet during chemotherapy for breast cancer	D-5
Binita Chakraborty, Ph.D.	Targeting Estrogen Signaling in Tumor Associated Myeloid Cells to Enhance Immunotherapy Responses	D-6
Theodora Pappa, M.D., Ph.D.	Dissecting the gender-specific differences of tumor micro-environment in papillary thyroid carcinoma	D-7
PUBLIC HEALTH		
Viktor Adekanmbi, M.D., Ph.D.	Incomplete Human Papillomavirus (HPV) Vaccination Among Individuals Ages 27-45 In The United States: A Mixed Effect Analysis Of Individual And Contextual Factors	E-1
Rebecca Campbell, Ph.D., M.S.P.H.	Iron deficiency prevalence and risk factors among Hispanic/Latina women living in the U.S.: Findings from the Hispanic Community Health Study/Study of Latinos (HCHS/SOL)	E-2





LEAD AUTHOR	POSTER TITLE	POSTER NO.
PUBLIC HEALTH		
Gaea Daniel, RN, Ph.D.	Novel Detection of Cervicovaginal Phthalate Exposure in Cisgender Black Women with HIV in Atlanta	E-3
Jeanine Guidry, Ph.D.	“Please listen to me”: Long COVID patients and primary care provider communication	E-4
Amy Noser, Ph.D.	The Relationship between Parent Modeling of Physical Activity and Sedentary Behavior and Activity Levels of Children at Risk for Type 2 Diabetes	E-5
Lara Gerassi, Ph.D., LCSW	“You’re taking all these low-income students, and then putting them in college, no stipend...that’s when I started doing Seeking Arrangements”: Students’ perspectives of the sex trades at a large, public, Midwestern university	E-6
BASIC RESEARCH		
Amanda Artsen, M.D.	The Role of Macrophages in Apoptosis After Vaginal Mesh Implantation in Rhesus Macaques	F-1
Maigen Bethea, Ph.D.	Weight Loss Restores Intestinal Stretch-Induced Reductions in Food Intake After Diet Induced Obesity	F-2
David Combs, M.D.	Mapping changes in uterine activity during the ovulatory cycle with wide-area in vivo calcium imaging in mice	F-3
Rebecca Harris, M.D., Ph.D.	Elucidating the Genomic Effects of Sex Hormones and Sex Chromosomes Through the Lens of Gender Transition	F-4
Katrina Knight, Ph.D.	Assessment of the Host Response to a Novel Elastomeric Membrane Using the Rabbit Model	F-5
Megan Rosa-Caldwell, Ph.D.	Muscle Alterations Persist Beyond Weight Restoration in a Rodent Model of Anorexia Nervosa	F-6
Boghuma Titanji, M.D., Ph.D.	Exploring the Role of Anti-inflammatory Agents to Target Cardiovascular Inflammation in People with HIV (PWH)	F-7
Christine Van Duyn, Ph.D.	Comparing Fibrosis-related miRNA and Gene Expression Patterns in Male-only and Mixed Fibroblast Cell Lines	F-8
Aysegul Atasoy Zeybek, Ph.D.	Postmenopausal Osteoarthritis Linked to Cellular Senescence of Chondrocytes	F-9
HEALTH DISPARITIES		
Susan Andreae, Ph.D., M.P.H.	Developing and pretesting a family-based physical activity program for rural dwelling mothers and their families at risk for diabetes	G-1
Brittany Brown-Podgorski, Ph.D.	Socioeconomic Status and Cardiovascular Disease Risk Among Black Women: Examining the Influence of Allostatic Load Using the Study of Women’s Health Across the Nation (SWAN)	G-2





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Julie Dang, Ph.D., M.P.H.	Exploring Human Papillomavirus (HPV) Vaccine Hesitancy Among Communities with Low HPV Vaccine Uptake in Northern California	G-4
Junia Nogueira de Brito, Ph.D., M.P.H., M.B.A.	Exploring the link between food and income insecurity and food assistance with breastfeeding practices among first-time mothers	G-5
Margaret Mary Downey, Ph.D., M.S.W.	The Cause of Causes: Investigating the Uptake of the Social Determinants of Health Framework in Three Maternal Mortality Review Committees	G-6
Amy LeClair, Ph.D., M.Phil	Implementing sexual orientation and gender identity (SOGI) data collection in primary care: A case study	G-7
Krisjon Rae Olson, Ph.D.	Gender Differences in the Care Networks of Youth with Congenital Heart Disease	G-8
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Sebastian Ramos, M.D.	Association Between Structural Racism and Black-White Infant Mortality Rate Disparity in the United States	G-10, O-3
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Charity Watkins, Ph.D.	Severe maternal morbidity and racial bias: A mixed methods study of the psychosocial effects of pregnancy-related cardiovascular disease among Black women	G-12
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Jessie Oldham, Ph.D.	Acoustic Startle Suppression in Female Adolescent Athletes Following Concussion	H-2
Michelle Patch, Ph.D., M.S.N., RN	Examining acquired brain Injury-associated symptoms and fluid-based biomarkers in women surviving intimate partner violence	H-3
Dinithia Sampson, Ph.D.	Towards Structural Analogs Exhibiting Multitarget Interactions Against Alzheimer's Disease	H-4
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Jessica Busler, M.P.S., Ph.D.	Relationship of Brain Glutathione with Circulating Estradiol	H-6
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