Stanford



Michelle Williams, ScD

Professor of Epidemiology and Population Health

Curriculum Vitae available Online

Bio

BIO

Michelle A. Williams, ScD, is Professor of Epidemiology and Population Health and Associate Chair for Academic Affairs in the Department of Epidemiology and Population Health at Stanford University, School of Medicine.

Dr. Williams' research focuses primarily on reproductive and perinatal epidemiology. Over three decades, she has integrated epidemiological, biological, and molecular approaches into rigorously designed research that has advanced understanding of placental abruption, gestational diabetes, and preeclampsia. Her research methodology includes: (1) identifying literature gaps; (2) developing robust epidemiological data systems across North America, Sub-Saharan Africa, Asia, and South America; and (3) integrating biochemical and molecular biomarkers into these platforms. She has effectively utilized various epidemiology study designs to investigate adverse reproductive and perinatal outcomes. Her consistent goal has been using biological and molecular biomarkers as objective measures of exposures and validated pre-clinical determinants of outcomes with clinical and global health significance. In 2019, in partnership with Apple Inc. and the National Institute of Environmental Health Sciences, she co-designed and currently co-leads the Apple Women's Health Study, a large-scale digital national study examining determinants of women's gynecological health.

Dr. Williams has advanced knowledge of understudied gynecological, obstetric, and perinatal outcomes while identifying novel risk factors. Her research has been funded by multiple NIH R01s, R03s, an SBIR, and HRSA grants, and she has served as co-investigator on numerous other grants. She has published over 560 peer-reviewed scientific articles and was elected to the National Academy of Medicine in 2016. In 2020, she received the Ellis Island Medal of Honor and was recognized by PR Week as one of the top 50 health influencers of the year.

Dr. Williams has been recognized for her excellence in teaching, as the recipient of the 2015 Harvard Chan School’s Outstanding Mentor Award, the UW’s Brotman Award for excellence in teaching (2007), the American Public Health Association’s Abraham Lilienfeld Award for education in epidemiology (2007), and the White House’s Presidential Award for Excellence in Science, Mathematics, and Engineering Mentoring (2012).

Before joining Stanford, Dr. Williams served as Dean of the Faculty at the Harvard T.H. Chan School of Public Health. Prior to her deanship, she was Professor and Chair of the Department of Epidemiology at Harvard Chan School and Program Leader of Population Health and Health Disparities Research Programs at Harvard's Clinical and Translational Sciences Center.

Dr. Williams previously had a distinguished career at the University of Washington School of Public Health. She holds an undergraduate degree in biology and genetics from Princeton University, a master's in civil engineering from Tufts University, and master's and doctoral degrees in epidemiology from the Harvard Chan School.

ACADEMIC APPOINTMENTS

- Professor, Epidemiology and Population Health
- Member, Bio-X
- Member, Wu Tsai Human Performance Alliance
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Associate Chair for Academic Affairs, Stanford Medicine Department of Epidemiology and Population Health, (2025- present)

HONORS AND AWARDS

- Chanchilani Global Health Research Award and Lecture, McMaster University, Chanchilani Center for Global Health Research (2023)
- Clear Voice Award, Research!America's Outstanding Achievement in Public Health Awards (2021)
- Ellis Island Medal of Honor in Recognition of Outstanding Commitment to Serving the USA, Ellis Island Honors Society (2020)
- Number 8 on the Medical Marketing and Media 2020 Health Influencer 50 List, Medical Marketing + Media (2020)
- Trailblazer Award, U.S. Attorney's Office for the Eastern District of New York (2017)
- Elected Member, National Academy of Medicine (2016)
- Outstanding Mentor Award, Harvard T.H. Chan School of Public Health (2015)
- Outstanding Career Achievement Award, Tufts University School of Engineering (2011)
- Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring (PAESMEM), The White House and National Science Foundation (2011)
- Distinguished Faculty Lecturer, University of Washington School of Public Health (2010)
- Elected Member, American Epidemiological Society (2010)
- Abraham Lilienfeld Award, American Public Health Association (2007)
- Brotman Award for Instructional Excellence, University of Washington (2007)
- Grace Hopper Exemplary Leadership Award, College of Information and Cyberspace of National Defense University (2005)
- Outstanding Paper Published in Epidemiology, The 1996 Epidemiology Prize (1996)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Co-Chair, Novartis Foundation, AI for Healthy Cities (2023 - present)
- Founding Board Member and Executive Committee Member, Partnership for Digital Transformation Africa (in partnership with the Biden-Harris Administration) (2023 - present)
- Collaborator- Co-Author, Deloitte, Health Equity Economics Analysis (2023 - 2025)
- Board Member, ICF Board of Directors (2022 - present)
- Member, World Economic Forum, Global Health Equity Network (2022 - present)
- Member, World Economic Forum, Global Alliance for Women's Health (2022 - present)
- Board Member, and Chair of Programs Committee, Americares Board of Directors (2021 - present)
- Member, External Advisory Board, Sandra L. Fenwick Institute for Pediatric Health Equity and Inclusion (2021 - present)
- Member, PCORI National Advisory Board for PCORI grant entitled, "Advancing perinatal mental health and wellbeing: The DC Mother-Infant Behavioral Wellness Program.", PCORI (2021 - present)

- Member, Scientific Committee of the School of Global Health (SGH), Faculty of Medicine, Chulalongkorn University (2021 - present)
- Founding Board Member and Executive Committee Member, Partnership for Central America (in partnership with the Biden-Harris Administration) (2021 - 2025)
- Founding Co-Chair, Reform for Resilience Commission (2021 - 2024)
- Member, Expert Panel, Reckitt Global Hygiene Institute (2021 - 2024)
- Member, Steering Committee Action Collaborative on Clinician Well-Being, National Academy of Medicine (2021 - 2022)
- Member, Advisory Board, McCance Center for Brain Health, Massachusetts General Hospital (2020 - present)
- Member, International Advisory Board of the Vanke School of Public Health, Tsinghua University (2020 - present)

PROFESSIONAL EDUCATION

- Sc.D., Harvard University, School of Public Health, Departments of Epidemiology and Population Science , Epidemiology (1991)
- M.S., Tufts University, Department of Civil Engineering , Civil Engineering (1986)
- S.M., Harvard University, School of Public Health, Department of Population Science , Demography and Epidemiology (1988)
- A.B., Princeton University , Biology (Genetics) (1984)

Teaching

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Larry Liu

Doctoral Dissertation Advisor (AC)

Shelby Crespi, Michael Hittle, Jenny Kim

Doctoral (Program)

Shelby Crespi, Parastou Ghazi, Jenny Kim

Publications

PUBLICATIONS

- **Multivariate genome-wide association study of post-traumatic stress disorder, alcohol use, and alcohol use disorders.** *Molecular psychiatry*
  Barr, P. B., Bountress, K., Chatzinakos, C., Hart, J. E., Neale, Z. E., Sheerin, C., Johnson, E., Atkinson, E. G., Nievergelt, C. M., Maihofer, A. X., Powers, A., Porjesz, B., Agrawal, et al
  2026
- **Google Places API-Based US Built Environment Retail (UBER) Index and Its Spatial Association With Diabetes Prevalence Across US Counties: Cross-Sectional Ecological Study.** *Journal of medical Internet research*
  Bhagavathula, A. S., Williams, M. A.
  2026; 28: e95977
- **A global digital navigator of human health for precision medicine.** *Nature medicine*
  Zhang, K., Dong, J., Wong, H., Liu, S., Wang, K., Wu, W., Zhou, K., Xue, K., Zhang, E., Gootenberg, J., Abudayyeh, O. O., Williams, M., Shen, et al
  2026
- **Prediction of maternal and infant outcomes from longitudinal electronic health records with a Mother-Child AI agent.** *Nature medicine*
  Liu, S., Zheng, W., Kang, J., Xu, T., Chen, S., Li, G., Li, J., Wong, H., Wang, M., Bai, X., Hu, C., Tang, C., Jin, et al
  2026
- **Gestational Diabetes and Postpartum Cardiovascular, Kidney, and Metabolic Disorders.** *JAMA network open*
  Liu, L., Lu, J. A., Velasquez, E. E., Ananth, C. V., Nguyen, M. H., Williams, M. A.
  2026; 9 (8): e2628578

- **Ischemic Placental Disease and Hospitalization for Neurological and Psychiatric Disorders.** *American journal of obstetrics and gynecology*
  Ananth, C. V., Chahal, H. S., Lee, R., Rosenfeld, E. B., Suarez, E. A., Williams, M. A.
  2026
- **Prevalence and cardiovascular phenotypes of dextrocardia and situs inversus among 277,396 adults: longitudinal evidence of amplified age-related blood pressure progression.** *Orphanet journal of rare diseases*
  Zhang, D., Lin, M., Wang, X., Liang, R., Williams, M. A., Ning, Y.
  2026
- **Renewed mandate for Schools of Public Health: a call to action.** *BMJ public health*
  Rahman-Shepherd, A., Kantiana, I. D., Bishai, D. M., Smeeth, L., Soares-Weiser, K., Teo, Y. Y., Williams, M. A., Chan, M.
  2026; 4 (2): e005872
- **Leveraging Artificial Intelligence in Allergy, Asthma, and Immunology With Environmental Exposures.** *Allergy*
  Nguyen, T. H., Akdis, C., Baccarelli, A., Banerjee, S., Bhowmik, R. T., Coull, B., Childs, M. L., Pinna, L. C., Golden, C. D., Hartung, T., Huynh, B. Q., Kaushik, A., Mudele, et al
  2026
- **Health in a Digital Age: From Determinants to Dynamic Systems.** *Health data science*
  Williams, M. A.
  2026; 6: 0465
- **Associations between self-reported personal care products use and menstrual cycle length and regularity in a US digital cohort.** *Environment international*
  Wang, Z., Peebles, E., Asokan, G., Duttweiler, L., Jukic, A. M., Wilcox, A. J., Abrams, K., Suharwardy, S. H., Hauser, R., Williams, M. A., Onnela, J. P., Coull, B. A., Mahalingaiah, et al
  2026; 211: 110260
- **Gestational diabetes and subsequent risk of type 2 diabetes and metabolic dysfunction-associated steatotic liver disease in a commercially insured U.S. Pregnancy cohort.** *Diabetes research and clinical practice*
  Liu, L., Velasquez, E. E., Ananth, C. V., Nadeau, K. C., Bondy, M. L., Nguyen, M. H., Williams, M. A.
  2026: 113240
- **Associations between dairy product and egg intake and NAFLD remission: Evidence from a prospective cohort study.** *Nutrition (Burbank, Los Angeles County, Calif.)*
  Zhang, D., Lin, M., Wang, X., Williams, M. A., Ning, Y.
  2026; 149: 113203
- **The Abraham Lilienfeld Award of the American College of Epidemiology - From Paper to Pixels: The Digital Revolution in Women's Health Epidemiology, September 8, 2025** *ANNALS OF EPIDEMIOLOGY*
  Williams, M. A.
  2026; 114: 22-25
- **Gestational exposure to metals and small vulnerable newborns: a systematic review and meta-analysis.** *Environment international*
  Yu, G., Meng, X., Tan, Y. Q., Li, S., Yin, X., Pang, W. W., Guivarch, C., Yang, J., Williams, M. A., Zhang, C.
  2026; 208: 110052
- **The neuropsychiatric toll of rising temperatures on women's health in low-income and middle-income countries: a scoping review.** *BMJ global health*
  Künzel, R. G., Wade, C. G., Gelaye, B., Williams, M. A.
  2025; 10 (12)
- **Gestational Diabetes Mellitus and Accelerated Biological Aging in Middle-Aged and Elderly Women.** *Diabetes care*
  Wang, B., Wang, N., Yin, X., Huang, Y., Yu, G., Yang, J., Chong, Y. S., Lu, Y., Williams, M. A., Hu, F. B., Zhang, C.
  2025
- **TEMPORAL TRENDS OF SELF-REPORTED PHYSICIAN DIAGNOSED INFERTILITY AMONG FEMALE BORN BETWEEN 1950-2005 IN A US DIGITAL COHORT**
  Wang, Z., Sarcione, C., Peebles, E., Ryan, R., Onnela, J., Dracup, E., Williams, M. A., Hauser, R., Coull, B., Mahalingaiah, S.
  ELSEVIER SCIENCE INC.2025

- **Variability of menstrual cycles by age, polycystic ovary syndrome, and early-life cycle irregularity in the Apple Women's Health Study.** *American journal of obstetrics and gynecology*
  Mortimer, R., Asokan, G., Baird, D. D., Wilcox, A. J., Abrams, K., Curry, C. L., Onnela, J. P., Coull, B. A., Hauser, R., Williams, M. A., Wang, Z., Mahalingaiah, S.
  2025
- **Polygenic and developmental profiles of autism differ by age at diagnosis.** *Nature*
  Zhang, X., Grove, J., Gu, Y., Buus, C. K., Nielsen, L. K., Neufeld, S. A., Koko, M., Malawsky, D. S., Wade, E. M., Verhoef, E., Gui, A., Hegemann, L., APEX Consortium, et al
  2025
- **Key takeaways from Stanford's symposium on AI for Data Science.** *Journal of clinical and translational science*
  Desai, M., Auerbach, J., Baker, L., Benjamin-Chung, J., Bondy, M., Boulos, M., Bunning, B. J., Deng, N., Goodman, S. N., Horn, I., Linos, E., Musen, M. A., Sanders, et al
  2025; 9 (1): e237
- **Key takeaways from Stanford's symposium on AI for Data Science** *JOURNAL OF CLINICAL AND TRANSLATIONAL SCIENCE*
  Desai, M., Auerbach, J., Baker, L., Benjamin-Chung, J., Bondy, M., Boulos, M., Bunning, B. J., Deng, N., Goodman, S. N., Horn, I., Linos, E., Musen, M. A., Sanders, et al
  2025; 9 (1)
- **Shared genetic architecture of posttraumatic stress disorder with cardiovascular imaging, risk, and diagnoses.** *Nature communications*
  Shen, J., Valentim, W., Friligkou, E., Overstreet, C., Choi, K. W., Koller, D., O'Donnell, C. J., Stein, M. B., Gelernter, J., Posttraumatic Stress Disorder Working Group of the Psychiatric Genomics Consortium, Lv, H., Sun, L., Falcone, G. J., et al
  2025; 16 (1): 5631
- **Association of preconception maternal glucocorticoid concentrations with sex ratio at birth: Evidence from a prospective cohort study.** *Annals of epidemiology*
  Melaku, M., Juvinao-Quintero, D. L., Sanchez, S. E., Rondon, M. B., Kirschbaum, C., Williams, M. A., Gelaye, B.
  2025
- **AI-driven evolution of precision population cardiovascular health in cities.** *Nature reviews. Cardiology*
  Aerts, A., Williams, M. A.
  2025; 22 (4): 213-214
- **Trends in Sexual Orientation by Birth Year in the Apple Women's Health Study: A Descriptive Analysis**
  Bojorquez-Ramirez, P., Asokan, G., Peebles, E., Wang, Z., Dracup, E., Onnela, J., Williams, M., Hauser, R., Coull, B., Mahalingaiah, S.
  SPRINGER HEIDELBERG.2025: 127A
- **Temporal Distribution of Diagnosed Anxiety Disorders by Birth Year in the Apple Women's Health Study: A Descriptive Analysis**
  Dracup, E., Asokan, G., Sacrione, C., Wang, Z., Bojorquez-Ramirez, P., Peebles, E., Onnela, J., Wilcox, A., Williams, M., Hauser, R., Coull, B., Mahalingaiah, S.
  SPRINGER HEIDELBERG.2025: 183A
- **Utilizing a digital cohort to understand the health burden and lifestyle characteristics across the life course in individuals with polycystic ovary syndrome and possible PCOS.** *Frontiers in endocrinology*
  Peebles, E., Wang, Z., Dracup, E., Sarcione, C., Curry, C. L., Abrams, K., Onnela, J., Williams, M. A., Hauser, R., Coull, B., Mahalingaiah, S.
  2025; 16: 1585628
- **Early-life menstrual characteristics and gestational diabetes in a large US cohort.** *Paediatric and perinatal epidemiology*
  Wang, Z., Baird, D. D., Williams, M. A., Jukic, A. M., Wilcox, A. J., Curry, C. L., Fischer-Colbrie, T., Onnela, J. P., Hauser, R., Coull, B. A., Mahalingaiah, S.
  2024; 38 (8): 654-665
- **Signs of Potential Androgen Excess Across the Lifespan in a US-based Digital Cohort Study.** *The Journal of clinical endocrinology and metabolism*
  Wolf, A. T., Wang, Z., Onnela, J. P., Baird, D. D., Jukic, A. M., Curry, C. L., Fischer-Colbrie, T., Williams, M. A., Hauser, R., Coull, B. A., Mahalingaiah, S.
  2024
- **PREDICTION OF POLYCYSTIC OVARY SYNDROME (PCOS) USING SELF-REPORTED CHARACTERISTICS FROM A DIGITAL COHORT IN THE UNITES STATES**

Wang, Z., Wolf, A. T., Asokan, G., Onnela, J., Baird, D. D., Jukic, A. Z., Wilcox, A. J., Williams, M. A., Hauser, R., Coull, B., Mahalingaiah, S.
ELSEVIER SCIENCE INC.2024: E358

- **Systems biology dissection of PTSD and MDD across brain regions, cell types, and blood.** *Science (New York, N.Y.)*
  Daskalakis, N. P., Iatrou, A., Chatzinakos, C., Jajoo, A., Snijders, C., Wylie, D., DiPietro, C. P., Tsatsani, I., Chen, C. Y., Pernia, C. D., Soliva-Estruch, M., Arasappan, D., Bharadwaj, et al
  2024; 384 (6698): eadh3707

- **Menarche and Time to Cycle Regularity Among Individuals Born Between 1950 and 2005 in the US.** *JAMA network open*
  Wang, Z., Asokan, G., Onnela, J. P., Baird, D. D., Jukic, A. M., Wilcox, A. J., Curry, C. L., Fischer-Colbrie, T., Williams, M. A., Hauser, R., Coull, B. A., Mahalingaiah, S.
  2024; 7 (5): e2412854

- **Irregular Cycles, Ovulatory Disorders, and Cardiometabolic Conditions in a US-Based Digital Cohort.** *JAMA network open*
  Wang, Z., Jukic, A. M., Baird, D. D., Wilcox, A. J., Li, H., Curry, C. L., Fischer-Colbrie, T., Onnela, J. P., Williams, M. A., Hauser, R., Coull, B. A., Mahalingaiah, S.
  2024; 7 (5): e249657

- **Seasonal variations of menstrual cycle length in a large, US-based, digital cohort.** *International journal of hygiene and environmental health*
  Li, H., Curry, C. L., Fischer-Colbrie, T., Onnela, J. P., Williams, M. A., Hauser, R., Coull, B. A., Jukic, A. M., Mahalingaiah, S.
  2024; 256: 114308

- **Regulations and Funding to Create Enterprise Architecture for a Nationwide Health Data Ecosystem.** *American journal of public health*
  Seidman, G., AlKasir, A., Ricker, K., Lane, J. T., Zink, A. B., Williams, M. A.
  2024; 114 (2): 209-217

- **Potential causal association between gut microbiome and posttraumatic stress disorder.** *Translational psychiatry*
  He, Q., Wang, W., Xu, D., Xiong, Y., Tao, C., You, C., Ma, L., Ma, J.
  2024; 14 (1): 67

- **Genetic association study of preterm birth and gestational age in a population-based case-control study in Peru** *JOURNAL OF NEONATAL-PERINATAL MEDICINE*
  Juvinao-Quintero, D. L., Sanchez, S. E., Workalemahu, T., Pinto, N., Liang, L., Williams, M. A., Gelaye, B.
  2024; 17 (5): 689-704

- **Genetic association study of Preterm birth and Gestational age in a population-based case-control study in Peru: Genetics of PTB and GA in pregnant women in Peru.** *medRxiv : the preprint server for health sciences*
  Juvinao-Quintero, D. L., Sanchez, S. E., Workalemahu, T., Pinto, N., Liang, L., Williams, M. A., Gelaye, B.
  2023

- **TEMPORAL TRENDS IN AGE AT MENARCHE AMONG FEMALES BORN BETWEEN 1931 AND 2005 IN A US-BASED DIGITAL COHORT**
  Wang, Z., Asokan, G., Onnela, J., Baird, D. D., Jukic, A. Z., Wilcox, A. J., Williams, M. A., Hauser, R., Coull, B., Mahalingaiah, S.
  ELSEVIER SCIENCE INC.2023: E160

- **The Supreme Court's Rulings on Race Neutrality Threaten Progress in Medicine and Health.** *JAMA*
  Schmidt, H., Gostin, L. O., Williams, M. A.
  2023; 330 (11): 1033-1034

- **Discovery of 95 PTSD loci provides insight into genetic architecture and neurobiology of trauma and stress-related disorders.** *medRxiv : the preprint server for health sciences*
  Nievergelt, C. M., Maihofer, A. X., Atkinson, E. G., Chen, C. Y., Choi, K. W., Coleman, J. R., Daskalakis, N. P., Duncan, L. E., Polimanti, R., Aaronson, C., Amstadter, A. B., Andersen, S. B., Andreassen, et al
  2023

- **Racial disparities in inpatient palliative care consultation among frail older patients undergoing high-risk elective surgical procedures in the United States: a cross-sectional study of the national inpatient sample** *Health Affairs Scholar*
  Kim, K., Muench, U., Maki, J. E., Yefimova, M., Oh, A., Jopling, J., Rinaldo, F., Shah, N., Giannitrapani, K. F., Williams, M., Lorenz, K. A.
  2023: qxad026

- **Menstrual cycle length variation by demographic characteristics from the Apple Women's Health Study.** *NPJ digital medicine*

Li, H., Gibson, E. A., Jukic, A. M., Baird, D. D., Wilcox, A. J., Curry, C. L., Fischer-Colbrie, T., Onnela, J. P., Williams, M. A., Hauser, R., Coull, B. A., Mahalingaiah, S.
2023; 6 (1): 100

- **Maternal hair cortisol concentrations and its association with increased insulin resistance in midpregnancy.** *Annals of epidemiology*
  Juvinao-Quintero, D. L., Larrabure-Torrealva, G. T., Sanchez, S. E., Kirschbaum, C., Williams, M. A., Gelaye, B.
  2023; 81: 14-23.e8

- **The cost of bearing witness: watching and sharing videos of police brutality online** *BMJ-BRITISH MEDICAL JOURNAL*
  Williams, M. A.
  2023; 380: 616

- **The Relationship of Attention-Deficit/Hyperactivity Disorder With Posttraumatic Stress Disorder: A Two-Sample Mendelian Randomization and Population-Based Sibling Comparison Study.** *Biological psychiatry*
  Wendt, F. R., Garcia-Argibay, M., Cabrera-Mendoza, B., Valdimarsdóttir, U. A., Gelernter, J., Stein, M. B., Nivard, M. G., Maihofer, A. X., Nievergelt, C. M., Larsson, H., Mattheisen, M., Polimanti, R., Meier, et al
  2023; 93 (4): 362-369

- **A Cross-Sectional Investigation of Preadolescent Cardiometabolic Health: Associations with Fitness, Physical Activity, Sedentary Behavior, Nutrition, and Sleep.** *Children (Basel, Switzerland)*
  Castro, N., Zieff, G., Bates, L. C., Pagan Lassalle, P., Higgins, S., Faulkner, J., Lark, S., Skidmore, P., Hamlin, M. J., Signal, T. L., Williams, M. A., Stoner, L.
  2023; 10 (2)

- **Breast cancer risk in Hispanic/Latina women and the 6q25 chromosomal region: Fine mapping and eQTL identification**
  Zavala, V. A., Huang, X., Casavilca-Zambrano, S., Navarro-Vasquez, J., Castaneda, C. A., Valencia, G., Morante, Z., Calderon, M., Abugattas, J. E., Gomez, H., Fuentes, H. A., Liendo-Picoaga, R., Cotrina, et al
  AMER ASSOC CANCER RESEARCH.2023: 282-283

- **Pain, mood, and suicidal behavior among injured working adults in Chile.** *BMC psychiatry*
  Vélez, J. C., Kovasala, M., Collado, M. D., Friedman, L. E., Juvinao-Quintero, D. L., Araya, L., Castillo, J., Williams, M. A., Gelaye, B.
  2022; 22 (1): 766

- **Covid-19 vaccination and menstrual cycle length in the Apple Women's Health Study.** *NPJ digital medicine*
  Gibson, E. A., Li, H., Fruh, V., Gabra, M., Asokan, G., Jukic, A. M., Baird, D. D., Curry, C. L., Fischer-Colbrie, T., Onnela, J. P., Williams, M. A., Hauser, R., Coull, et al
  2022; 5 (1): 165

- **Abnormal uterine bleeding patterns determined through menstrual tracking among participants in the Apple Women's Health Study.** *American journal of obstetrics and gynecology*
  Zhang, C. Y., Li, H., Zhang, S., Suharwardy, S., Chaturvedi, U., Fischer-Colbrie, T., Maratta, L. A., Onnela, J., Coull, B. A., Hauser, R., Williams, M. A., Baird, D. D., Jukic, et al
  2022

- **Adiposity in preadolescent children: Associations with cardiorespiratory fitness.** *PloS one*
  Castro, N., Bates, L. C., Zieff, G., Pagan Lassalle, P., Faulkner, J., Lark, S., Hamlin, M., Skidmore, P., Signal, T. L., Williams, M. A., Higgins, S., Stoner, L.
  2022; 17 (10): e0275982

- **PREVALENCE OF CARDIOVASCULAR DISEASE AMONG WOMEN WITH A CLINICIAN DIAGNOSIS OF POLYCYSTIC OVARY SYNDROME IN A DIGITAL LONGITUDINAL COHORT**
  Mahalingaiah, S., Li, H., Scalise, A., Gallagher, N. J., Gabra, M., Onnela, J., Hauser, R., Coull, B., Williams, M. A.
  ELSEVIER SCIENCE INC.2022: E190

- **COVID-19 VACCINATION STATUS AND MENSTRUAL CYCLE LENGTH IN THE APPLE WOMEN'S HEALTH STUDY**
  Gibson, E. A., Li, H., Fruh, V., Asokan, G., Gabra, M., Gallagher, N. J., Jukic, A. Z., Onnela, J., Williams, M. A., Hauser, R., Coull, B., Mahalingaiah, S.
  ELSEVIER SCIENCE INC.2022: E39-E40

- **Attempts to conceive and the COVID-19 pandemic: data from the Apple Women's Health Study.** *American journal of obstetrics and gynecology*
  Fruh, V., Lyons, G., Scalise, A. L., Gallagher, N. J., Jukic, A. M., Baird, D. D., Chaturvedi, U., Suharwardy, S., Onnela, J. P., Williams, M. A., Hauser, R., Coull, B. A., Mahalingaiah, et al

2022; 227 (3): 484.e1-484.e17

- **Maternal-fetal genetic interactions, imprinting, and risk of placental abruption.** *The journal of maternal-fetal & neonatal medicine : the official journal of the European Association of Perinatal Medicine, the Federation of Asia and Oceania Perinatal Societies, the International Society of Perinatal Obstetricians*

  Workalemahu, T., Enquobahrie, D. A., Gelaye, B., Tadesse, M. G., Sanchez, S. E., Tekola-Ayele, F., Hajat, A., Thornton, T. A., Ananth, C. V., Williams, M. A.

  2022; 35 (18): 3473-3482

- **Association between Ancestry-Specific 6q25 Variants and Breast Cancer Subtypes in Peruvian Women.** *Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology*

  Zavala, V. A., Casavilca-Zambrano, S., Navarro-Vásquez, J., Castañeda, C. A., Valencia, G., Morante, Z., Calderón, M., Abugattas, J. E., Gómez, H., Fuentes, H. A., Liendo-Picoaga, R., Cotrina, J. M., Monge, et al

  2022; 31 (8): 1602-1609

- **Covid-19 vaccination and menstrual cycle length in the Apple Women's Health Study.** *medRxiv : the preprint server for health sciences*

  Gibson, E. A., Li, H., Fruh, V., Gabra, M., Asokan, G., Jukic, A. M., Baird, D. D., Curry, C. L., Fischer-Colbrie, T., Onnela, J. P., Williams, M. A., Hauser, R., Coull, et al

  2022

- **Poor sleep Quality and Obstructive Sleep Apnea are Associated with Maternal Mood, and Anxiety Disorders in Pregnancy.** *Maternal and child health journal*

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