

CURRICULUM VITAE

Mitali Ray, PhD, RN (she/her)
Tenure-track Assistant Professor

Address:

Department of Health Promotion and Development
 University of Pittsburgh, School of Nursing
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 Pittsburgh, PA 15213

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EDUCATION & TRAINING

Undergraduate

2007–2011	Towson University Towson, MD	B.S.	Biology, Cell & Molecular Concentration; Molecular Biology, Biochemistry & Bioinformatics (MB3) Minor
2018–2019	West Chester University West Chester, PA	B.S.N.	Nursing – <i>Accelerated Second Degree</i> magna cum laude

Graduate

2013–2018	Lewis Katz School of Medicine at Temple University, Philadelphia, PA Dissertation Title: <i>Genetic Deletion of IL-19 Exacerbates Atherogenesis in Double Knockout Mice by Modulation of RNA Stability Protein, HuR</i> Mentor: Michael V. Autieri, PhD	Ph.D.	Biomedical Sciences, Organ Systems & Translational Medicine Concentration
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Post-graduate

2020	Jewish Healthcare Foundation Pittsburgh, PA	Certificate	Feinstein Fellowship: Salk Health Activist
2020-2024	University of Pittsburgh School of Nursing School of Public Health Pittsburgh, PA Mentors: Yvette P. Conley, PhD; Janet M. Catov, PhD; Mandy J. Schmella, PhD, RN	Postdoctoral	Pregnancy-Related Health, Omics, Nursing, Cardiovascular Disease Epidemiology

APPOINTMENTS & POSITIONS

2011-2013	The Johns Hopkins University School of Medicine Department of Neurology Baltimore, MD	Research Technologist	
2013-2018	Lewis Katz School of Medicine at Temple University Cardiovascular Research Center Philadelphia, PA	Graduate Research Fellow	
2018-2019	Lewis Katz School of Medicine at Temple University Cardiovascular Research Center Philadelphia, PA	Part-Time Research Associate (during accelerated BSN)	
2020-2024	University of Pittsburgh School of Nursing Department of Health	Postdoctoral Scholar	

Promotion & Development;
School of Public Health
Department of Epidemiology
Pittsburgh, PA

2024-Present	University of Pittsburgh School of Nursing Department of Health Promotion & Development Pittsburgh, PA	Assistant Professor Tenure-track
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CERTIFICATION & LICENSURE

Pennsylvania State Board of Nursing, Registered Nurse (RN728888)	2020	Active
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MEMBERSHIP IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

2011-2013	Women in Bio, Washington, DC/Baltimore Chapter
2012-2013	Society for Neuroscience
2014–2018	North American Vascular Biology Organization
2014-Present	American Heart Association
2020-Present	International Society for Nurses in Genetics
2021-Present	Society for Reproductive Investigation
2021-Present	Society for Maternal Fetal Medicine

HONORS

Best Oral Abstract, Dawn Marks Research Day, Lewis Katz School of Medicine at Temple University	2017
Magna Cum Laude, West Chester University	2019
Certificate of Appreciation, University of Pittsburgh Postdoctoral Association	2023
Race and Social Determinants of Equity, Health and Well-being Scholar, University of Pittsburgh	2024

PUBLICATIONS

Original Peer-Reviewed

- Höke A, **Ray M**, 2014. Rodent models of chemotherapy-induced peripheral neuropathy. *ILAR J.* 54, 273-281. <https://doi.org/10.1093/ilar/ilt053>. PMID: 24615440
- Kako F, Gabunia K, **Ray M**, Kelemen SE, England RN, Kako B, Scalia RG, Autieri MV, 2016. Interleukin-19 induces angiogenesis in the absence of hypoxia by direct and indirect immune mechanisms. *Am. J. Physiol. Cell Physiol.* 310, C931-941. PMID: 30383449; PMCID: PMC6404561
- Gabunia K, Herman AB, **Ray M**, Kelemen SE, England RN, DeLa Cadena R, Foster WJ, Elliott KJ, Eguchi S, Autieri MV, 2017. Induction of MiR133a expression by IL-19 targets LDLRAP1 and reduces oxLDL uptake in VSMC. *J. Mol. Cell. Cardiol.* 105, 38–48. <https://doi.org/10.1016/j.yjmcc.2017.02.005>. PMID: 28257760; PMCID: PMC5394383.
- Ray M**, Autieri MV, 2017. Regulation of pro- and anti-atherogenic cytokines. *Cytokine.* <https://doi.org/10.1016/j.cyto.2017.09.031>. PMID: 29221669; PMCID: PMC5988906
- Vrakas CN, Herman AB, **Ray M**, Kelemen SE, Scalia RG, Autieri MV, 2018. RNA stability protein ILF3 mediates cytokine-induced angiogenesis. *FASEB J. Off. Publ. Fed. Am. Soc. Exp. Biol.* PMID: 30383449; PMCID: PMC6404561
- Herman AB, Vrakas CN, **Ray M**, Kelemen SE, Sweredoski MJ, Moradian A, Haines DS, Autieri MV, 2018. FXR1 Is an IL-19-Responsive RNA-Binding Protein that Destabilizes Pro-inflammatory Transcripts in Vascular Smooth Muscle Cells. *Cell Rep.* 24, 1176–1189. <https://doi.org/10.1016/j.celrep.2018.07.002>. PMID: 30067974.
- Ray M**, Gabunia K, Vrakas CN, Herman AB, Kako F, Kelemen SE, Grisanti LA, Autieri MV, 2018. Genetic Deletion of IL-19 Exacerbates Atherogenesis in *Il19^{-/-}xLdlr^{-/-}* Double Knockout Mice by Dysregulation of mRNA

- Stability Protein HuR. *Arterioscler. Thromb. Vasc. Biol.* 38, 1297–1308. <https://doi.org/10.1161/ATVBAHA.118.310929>. PMID: 29674474; PMCID: PMC5970062.
8. Herman AB, Silva AM, Kelemen SE, **Ray M**, Vrakas CN, Burke AC, Scalia RG, Moore K, Autieri MV, **2019**. Regulation of Stress Granule Formation by Inflammation, Vascular Injury, and Atherosclerosis. *Arterioscler. Thromb. Vasc. Biol.* <https://doi.org/10.1161/ATVBAHA.119.313034>. PMID: 31462091; PMCID: PMC6761003.
 9. Heinsberg LW, **Ray M**, Conley YP, Roberts JM, Jeyabalan A, Hubel CA, Weeks DE, Schmella MJ, **2021**. An Exploratory Study of Epigenetic Age in Preeclamptic and Normotensive Pregnancy Reveals Differences by Self-Reported Race but Not Pregnancy Outcome. *Reprod. Sci.* Thousand Oaks Calif. <https://doi.org/10.1007/s43032-021-00575-6>. PMID: 33877642; PMCID: PMC8526649.
 10. **Ray M**, Heinsberg LW, Conley YP, Roberts JM, Jeyabalan A, Hubel CA, Weeks DE, Schmella MJ, **2021**. An exploratory study of white blood cell proportions across preeclamptic and normotensive pregnancy by self-identified race in individuals with overweight or obesity. *Hypertens. Pregnancy.* <https://doi.org/10.1080/10641955.2021.1987453>. PMID: 34697971; PMCID: PMC8740522.
 11. Heinsberg LW, Koleck TA, **Ray M**, Weeks DE, Conley YP, **2022**. Advancing Nursing Research through Interactive Data Visualization with R Shiny. *Biol. Res. Nurs.* <https://doi.org/10.1177/10998004221121109>. PMID: 36029021.
 12. **Ray M**, Wallace MK, Grayson SC, Cummings MH, Davis JA, Scott J, Belcher SM, Davis TS, & Conley YP, **2022**. Epigenomic Links Between Social Determinants of Health and Symptoms: A Scoping Review. *Biol. Res. Nurs.* <https://doi.org/10.1177/10998004221147300>. PMID: 36537264.
 13. Liu S, Fu H, **Ray M**, Heinsberg LW, Conley YP, Anderson CM, Hubel CA, Roberts JM, Jeyabalan A, Weeks DE, Schmella MJ, **2023**. A longitudinal epigenome-wide association study in preeclamptic versus normotensive pregnancy. *Epigenetics Commun.* <https://doi.org/10.1186/s43682-022-00014-w>. PMID: 37063698; PMCID: PMC10101051.
 14. Lueth A, Allshouse A, Blue N, Grobman W, Levine L, Catov J, Saade G, Yee L, Fernando W, Murtaugh M, Merz N, Chung J, **Ray M**, Scifres C, Silver R, **2023**. Can Allostatic Load in Pregnancy Explain the Association between Race and Subsequent Cardiovascular Disease Risk: A Cohort study. *BJOG.* <http://doi.org/10.1111/1471-0528.17486>. PMID: 37069728.
 15. Khan SS, Petito LC, Harrington K, McNeil RB, Bello NA, Bairey Merz CN, Miller EZ, Ravi R, Scifres C, Catov JM, Pemberton V, Varagic J, Zee PC, Yee LM, **Ray M**, Kim JK, Lane-Cordova A, Lewey J, Theilen LH, Saade GR, Greenland P, Grobman WA, **2023**. Associations Between Body Mass Index in Early Pregnancy, Adverse Pregnancy Outcomes, and Cardiovascular Health 2 to 7 Years Postpartum in the NuMoM2b-HHS Study: A Mediation Analysis. *Circ Res.* doi: 10.1161/CIRCRESAHA.123.322762. PMID: 37814889; PMCID: PMC10578703.

Manuscripts in Preparation

1. Barcelona V, **Ray M**, Zhao Y, Samari G, Wu H, Reho P, McNeil R, Reddy UM. Epigenomic Pathways from racism to preterm birth: Design and Methods. (*Submitted June 24, 2024, to American Journal of Obstetrics and Gynecology*).
2. Davis J, Scott J, **Ray M**, Klein J, Elgersma K, Levine MD. Racial Disparities in Birth and Lactation Outcomes Among Neonates with Congenital Heart Defects. (*Submitted June 19, 2024, to Journal of Racial and Ethnic Health Disparities*).
3. Vrakas CN, Kawai T, **Ray M**, Herman AB, Etwebi Z, Kelemen SE, Autieri MV, Scalia R. Interleukin-19 Regulates Adipose Tissue Dysfunction in Obesity. (*Submitted August 10, 2023, to JCI Insight*)
4. **Ray M**, Heinsberg LW, Wallace MK, Conley YP, Roberts JM, Jeyabalan A, Hubel CA, Weeks DE, Schmella MJ. DNA Methylation of CVD-related miRNAs in a Longitudinal, Exploratory Study of Preeclamptic and Normotensive Pregnancy. (*In preparation*).

5. **Ray M**, McNeil RB, Lueth A, Grobman WA, Schmella MJ, Conley YP, Catov JM. Allostatic load mediates associations between race/ethnicity and hypertensive disorders of pregnancy. (*In preparation*).

Abstracts

1. **Ray M**, Reed N, Zhu J, and Höke A. (October 2012). Ethoxyquin is a neuroprotective drug in a model of Human Immunodeficiency Virus (HIV)-associated sensory neuropathy. Poster Presentation, *Society for Neuroscience*, New Orleans, LA.
2. **Ray M**, Richards J, Gabunia K, Kelemen S, and Autieri M. (May 2015). Loss of Interleukin-19 exacerbates experimental atherosclerosis. Poster Presentation, *Arteriosclerosis, Thrombosis and Vascular Biology – Peripheral Vascular Disease 2015 Scientific Sessions*, San Francisco, CA.
3. **Ray M**, Gabunia K, Ellison S, Kelemen SE, Kako F, Cornwell, WP, ... & Autieri, MV. (August 2015). Interleukin-19 halts progression of atherosclerotic plaque, polarizes, and increases cholesterol uptake and efflux in macrophages. Poster Presentation, *Vasculata*, Charlottesville, VA.
4. Herman AB, England RN, Haines DS, Kelemen SE, **Ray M**, Autieri MV. (May 2017). FXR1 Regulates Inflammatory mRNA Stability and VSMC Proliferation by Modulation of HuR Activity. Podium Presentation, *Arteriosclerosis, Thrombosis and Vascular Biology – Peripheral Vascular Disease 2017 Scientific Sessions*, Minneapolis, MN.
5. **Ray M**, Gabunia, K, Vrakas CN, Kako, F, Kelemen SE, Herman AB, Autieri MV. (May 2017). Genetic Deletion of Interleukin-19 Exacerbates Atherogenesis and Inflammatory Gene Expression in *Ldlr^{-/-}* Mice. Poster Presentation, *Arteriosclerosis, Thrombosis and Vascular Biology – Peripheral Vascular Disease 2017 Scientific Sessions*, Minneapolis, MN.
6. **Ray M**, Gabunia K, Herman AB, Kelemen SE, England RN, Elliott KJ, ... & Autieri MV. (June 2017). Induction of MiR133a expression by IL-19 Targets LDLRAP1 and Reduces oxLDL Uptake in VSMC. Poster Presentation, *Atherosclerosis Gordon Research Conference*, Newry, ME.
7. Herman AB, Vrakas CN, **Ray M**, Kelemen, SE, Autieri MV. (May 2018). Stress Granule Formation as a Molecular Indicator of Atherosclerotic and Vascular Disease Progression. Poster Presentation, *Arteriosclerosis, Thrombosis and Vascular Biology – Peripheral Vascular Disease 2018 Scientific Sessions*, San Francisco, CA.
8. Vrakas CN, Herman AB, **Ray M**, Landesberg GP, Kelemen SE, ... & Autieri MV. (May 2018). The Role of Interleukin-19 in Adipose Tissue Homeostasis. Poster Presentation, *Arteriosclerosis, Thrombosis and Vascular Biology – Peripheral Vascular Disease 2018 Scientific Sessions*, San Francisco, CA.
9. Vrakas CN, Herman AB, **Ray M**, Landesberg GP, Kelemen SE, ... & Autieri MV. (May 2018). RNA Stability Protein ILF3 Mediates IL-19 Induced Angiogenesis. Poster Presentation, *Arteriosclerosis, Thrombosis and Vascular Biology – Peripheral Vascular Disease 2018 Scientific Sessions*, San Francisco, CA.
10. **Ray M**, Heinsberg LW, Wallace MK, Conley YP, Weeks DE, Schmella MJ. (November 2020). Utilization of epigenome-wide DNA methylation for longitudinal comparison of leukocyte proportions across preeclamptic and normotensive pregnancy. Podium Presentation, *International Society of Nurses in Genetics*, Virtual.
11. Wallace MK, Heinsberg LW, **Ray M**, Conley YP, Weeks DE, Schmella MJ. (November 2021). Identifying Alterations in the Inflammatory Milieu of Preeclamptic Pregnancies. Podium Presentation, *International Society of Nurses in Genetics*, Virtual.
12. **Ray M**, Scott J, Davis JA. (November 2021). History of Racism and Oppressive Language in Research: A Brief Introduction. Expert Lecture, *International Society of Nurses in Genetics*, Virtual.

13. **Ray M**, Heinsberg LW, Wallace MK, Conley YP, Weeks DE, Schmella MJ. (November 2021). Longitudinal DNA Methylation Profiles of Chromosome 19 microRNA Cluster Across Preeclamptic and Normotensive Pregnancy. Podium Presentation, *International Society of Nurses in Genetics*, Virtual.
14. **Ray M**, Heinsberg LW, Conley YP, Weeks DE, Schmella MJ. (February 2022). MicroRNA-associated DNA Methylation in a Longitudinal, Exploratory Study of Preeclamptic and Normotensive Pregnancy. Poster Presentation, *Society for Maternal-Fetal Medicine*, Virtual.
15. Wallace M, Heinsberg LW, **Ray M**, Conley YP, Weeks DE, Schmella MJ. (March 2022). Suggestive differences of DNA Methylation at ICAM between preeclamptic and normotensive pregnancies. Poster Presentation, *Society for Reproductive Investigation*, Denver, CO.
16. **Ray M**, McNeil RB, Grobman WA, Catov JM, Schmella MJ, Conley YP. (February 2023). First-trimester Allostatic Load Varies by Self-identified Race/Ethnicity and HDP. Poster Presentation, *Society for Maternal-Fetal Medicine*, San Francisco, CA.
17. **Ray M**, Fang F, Moore A, McNeil RB, Grobman WA, Weeks DE, Catov JM, Conley YP. Evaluation of First-trimester Perceived Stress and DNA Methylation among non-Hispanic Black and White Individuals Who Develop Preeclampsia or Non-Adverse Pregnancy Outcomes. Poster Presentation, *International Society of Nurses in Genetics*, November 2023, Providence, RI.
18. Davis JA, Elgersma KM, **Ray M**, Scott J, Klein J, Levine MD. Indicators of Health-Related Social Needs as Predictors for Birth and Lactation Outcomes among Neonates with Critical Congenital Heart Defects: A Preliminary Analysis. Poster Presentation, *Pediatric Academic Societies*, May 2024, Toronto, Canada.

PROFESSIONAL ACTIVITIES

Teaching

Guest Lecturer, University of Pittsburgh School of Nursing

- 2021 Immunology, NUR2004 Pathophysiology Across the Lifespan, Graduate Level
- 2022 Immunology, NUR2004 Pathophysiology Across the Lifespan, Graduate Level
- 2023 Cell Biology, NUR2682 Human Genetics and Clinical Applications, Graduate Level
- 2023 Mendelian Inheritance Patterns, NUR2682 Human Genetics and Clinical Applications, Graduate Level
- 2023 Immunogenetics, NUR 2682 Human Genetics and Clinical Applications, Graduate Level
- 2024 Cell Biology, NUR2682 Human Genetics and Clinical Applications, Graduate Level
- 2024 Mendelian Inheritance Patterns, NUR2682 Human Genetics and Clinical Applications, Graduate Level
- 2024 Immunogenetics, NUR 2682 Human Genetics and Clinical Applications, Graduate Level

Teaching Assistant, University of Pittsburgh School of Public Health

- 2022 EPIDEM2152 Workshop in Cardiovascular Disease Epidemiology, Graduate Level

Mentoring

Graduate

- 2017-2019 Tani Leigh, PhD Student, Lewis Katz School of Medicine at Temple University
- 2019 Amanda St. Paul, PhD Student, Lewis Katz School of Medicine at Temple University
- 2024-Present Reindolf Oppong, PhD Student, University of Pittsburgh

Postbaccalaureate

- 2015 Diego Galindo, Short Term Education Program for Undergraduate and Predoctoral Students (STEP-UP), Temple University

Undergraduate

- 2012-2013 Elliott Turkiew, Undergraduate Research Assistant, Johns Hopkins University
- 2012-2013 Macintosh Cornwell, Undergraduate Research Assistant, Johns Hopkins University
- 2016 Samuel Owusu, STEP-UP, Cheyney University of Pennsylvania
- 2016-2017 Lauren Beckett, Undergraduate Student, Temple University
- 2017 Trevor Peterson, STEP-UP, Temple University
- 2017-2019 Rachael Okune, Maximizing Access to Research Careers Undergraduate Student Training in Academic Research Student, Temple University
- 2020-2022 Ningxi Chen, Undergraduate Research Mentorship Program, University of Pittsburgh

2024-Present Nila Chakravarthy, Undergraduate Research Mentorship Program, University of Pittsburgh

Research

Current Grant Support:

Funding Agency: NIH/NINR R00NR020215 2024 – Present
 Principal Investigator: Mitali Ray
 Role: PI

Allostatic Load and Race: Implications for Cardiovascular Health in Pregnancy and Beyond

This R00 grant supports an innovative project that extends prior work on hypertensive disorders of pregnancy (HDP) and post-pregnancy cardiovascular disease (CVD), with an emphasis on understanding racial disparities. While social determinants of health have been linked to disparities in HDP and CVD, the mechanisms underlying these disparities remain unclear. The study aims are to (1) evaluate AL trajectories and their associations with post-pregnancy cardiovascular disease, and the moderation effects of self-identified race and HDP; and (2) investigate the association between DNA methylation and post-pregnancy cardiovascular disease in Black individuals.

Prior Grant Support:

Funding Agency: NIH/NHLBI 5T32HL091804 2014 – 2015
 Principal Investigator: Steven Houser
 Role: Predoctoral Student

Integrative Cardiovascular Pathophysiology

The purpose of this program is to provide multidisciplinary training for predoctoral and summer medical students within the scope of integrative cardiovascular pathophysiology. Trainees are expected to develop holistic research questions that go beyond single molecules and address the context of cardiovascular disease models, incorporating both basic and translational components. The goal is to produce scientists who are able to fulfill the need for new investigators to discover mechanisms of human disease.

Funding Agency: American Heart Association 16PRE31220005 2016 – 2018
 Principal Investigator: Mitali Ray
 Role: PI

Pro-angiogenic, anti-atherosclerotic effects of Interleukin-19

The overarching goals of this project were to determine that Interleukin-19, a novel anti-inflammatory cytokine, can induce angiogenesis within the background of hyperlipidemia and atherosclerosis, and also potentially reduce atherosclerosis and induce angiogenesis simultaneously. This would challenge prevailing dogma summarized by the Janus phenomenon, which states that pro-angiogenic cytokines are also pro-atherosclerotic, and that anti-atherosclerotic cytokines also reduce angiogenesis. Therefore, successful completion of these experiments would make IL-19 a notable exception that may be useful in both increasing perfusion of affected areas and reducing the atherosclerosis that initially prevents blood flow.

Funding Agency: NIH/NINR T32NR009759 2020 – 2021
 Principal Investigator: Yvette P. Conley
 Role: Postdoctoral Scholar

Targeted Research and Academic Training for Nurses in Genomics

This program is designed to train early career nurse scientists, during the pre- and postdoctoral phases, to develop research trajectories related to the evaluation and application of genomics in both primary prevention and in the improvement of patient outcomes.

Funding Agency: NIH/NHLBI T32HL083825 2022
 Principal Investigator: Akira Sekikawa
 Role: Postdoctoral Scholar

Cardiovascular Epidemiology Training Program

The primary goal of this T32 Program is to train individuals in cardiovascular epidemiology based on a pathophysiological understanding and experiential learning to thereby help develop in the future better prevention strategies. Our philosophy is to provide a core foundation of didactic training in epidemiology focusing on subclinical atherosclerosis, CVD biomarkers and outcomes with strong methodological skills, customized to the experience and background of each trainee.

Funding Agency: NIH/NHLBI U01HL145358-02S2 2021 – 2023

Principal Investigators: Rebecca B. McNeil, Philip Greenland, George Saade

Role: Co-Investigator

Stress and Racial Disparities in Preeclampsia – Clues from DNA Methylomic Profiling

The goal of this project is to leverage existing biospecimens and data from the Nulliparous Pregnancy Outcomes Study: Monitoring Mothers-To-Be (nuMoM2b) and nuMoM2b Heart Health Study cohort to (1) identify stress-related factors that contribute to greater risk for development of preeclampsia in Black individuals compared to White individuals, (2) complete epigenetic analyses for a subset of 400 nuMoM2b participants, and (3) examine how epigenetics, stress, self-identified race, other behavioral factors, and preeclampsia contribute to the emergence of cardiovascular disease in years following pregnancy.

Funding Agency: NIH/NINR

K99NR020215

2022 – 2024

Principal Investigator: Mitali Ray

Role: PI

Allostatic Load and Race: Implications for Cardiovascular Health in Pregnancy and Beyond


The purpose of this K99/R00 is to provide the candidate with adequate training and experience to investigate health disparities, allostatic load (AL), and omics-based biomarkers, within the context of pregnancy and beyond. This project is ancillary to the *Nulliparous Pregnancy Outcomes Study: Monitoring Mothers-to-be* Heart Health Study (nuMoM2b-HHS) and leverages existing data previously collected for nuMoM2b-HHS. The K99 phase aims are to (1) evaluate the effect of first-trimester AL on the association between self-identified race and hypertensive disorders of pregnancy, (2) evaluate the association between first-trimester AL index and genetic variation, and (3) investigate the effect of first-trimester DNA methylation on the association between first-trimester AL index and preeclampsia.

Service

- 2014-2016 Social Chair, Graduate Student Association, Lewis Katz School of Medicine at Temple University
Planned, obtained funding for, and executed events to foster connectivity and collaboration across students within biomedical science graduate program
- 2017-2018 Founder & Leader, Bench to Bedside: Organ Systems & Translational Medicine Journal Club, Lewis Katz School of Medicine at Temple University
Recruited members for bi-monthly student-led journal club to promote self-learning of relevant, recently published literature and honing critical analysis skills; Developed rotating themes focusing on interface between basic science research and medicine; Managed scheduling, theme rotations, and administrative requirements required for club success
- 2017-Present Volunteer, American Heart Association
Developed and implemented fundraising campaigns for 2017 *Heart Walk*, resulting in 4x increase in funds (\$10,000) raised by LKSOM Cardiovascular Research Center over previous year; participate in community outreach and awareness focused on women’s cardiovascular health topics during *Go Red for Women* events; Advocate for grassroots change in federal, state, and local policies to promote healthier lifestyles as part of *You’re the Cure*
- 2020-2021 Gender & Racial Equity Subcommittee, University of Pittsburgh Postdoctoral Association
Assessed postdoctoral recruitment and implemented methods to recruit fellows from under represented backgrounds; Developed *Postdoc Circles*, safe, inclusive spaces for mindful conversations about current and sensitive topics
- 2020-2022 Global Membership Committee, International Society for Nurses in Genetics
Increase global visibility of ISONG; recruit new members from all regions of the world; plan for engagement and retention of existing members.
- 2021-2024 Postdoctoral Representative, Equity, Inclusion, and Anti-Discrimination Advocacy Committee (EIADAC), University of Pittsburgh Senate
EIDAC reviews/monitors issues relevant to equity, inclusion, and respect for all University of Pittsburgh community members. EIDAC also advocates for equity and inclusion in university programs, policies, and practices.
- 2022-Present Board Member, Queer Family Planning Project
Queer Family Planning Project provides funding to members of the LGBTQIA+ community in Pittsburgh, Pennsylvania, to assist with the costs of family planning.
- 2023 Invited Speaker, Association of American Medical Colleges Board of Directors Meeting
Presentation Title: *Navigating Biomedical Research in Academia— Challenges and Solutions for Trainees*
- 2023-Present Member, Society for Maternal-Fetal Medicine State Liaison Network
Advocate for state-based public health programs and policy proposals designed to combat health inequities for high-risk pregnant people.

I certify that this curriculum vitae is a current and accurate statement of my professional record.

Signature:

Signed by:

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Date: 09-17-2024 | 8:33 AM EDT