

R21 NR02160 (PI Jones) 2024-2026
National Institute of Nursing Research

Modification of the B-SWELL Intervention to Improve Long Term Outcome Trends in Midlife Black Women

This research seeks to improve the Midlife Black Women's Stress and Wellness Intervention (B-SWELL), a program co-designed with the community to lower heart disease risk in midlife Black women. This research study leverages choice to increase engagement and minimize the effect of social determinants of health on research participation. Findings from this study have potential to increase sustainability of the B-SWELL and our understanding about preferences of midlife Black women willing to participate in community-based interventions.

Role: Advisory Committee Member/Consultant

Pelotonia: Institutional Research Program (Co-PI Rosko/Christian) 2021-2026

Accelerated Aging in Hematopoietic Stem Cell Transplant Patients

Project Number: GR126176

This study will characterize the clinical and behavioral health of patients and their partners before and after myeloma stem cell transplant

Role: Co-Principal Investigator

R01 AG069138 (Christian PI) 2020-2026

National Institute on Aging

Spousal Dementia Caregivers: Risk for Accelerated Aging

Direct costs \$3,423,382, total costs \$5,340,477

This proposal describes a distinctly novel methodology that will provide a way to test innovative and original hypotheses about the ways that spousal dementia caregiving impacts lifespan and health span. The interactions between behavior and molecular aging represent an important new frontier for understanding how caregiving (and other chronic stressors) can accelerate or slow aging.

Role: Principal Investigator

Ohio Department of Health 2021-2026

Ohio Women's Behavioral Support Learning Collaborative

This initiative supports a new quality improvement effort focused on mental health among women of child-bearing age, including historically unserved populations. The project is sponsored by the Ohio Department of Health and the Ohio Department of Medicaid.

Role: Clinical Advisor

COMPLETED RESEARCH SUPPORT

Diversity Supplement

National Institute on Aging

2024-2025

Effects of Caregiving Stress on Cognitive Functioning

The diversity supplement project will allow Mr. Jones opportunities for multidisciplinary collaboration and practical real-world application of research skills. He will work with the research team and both PIs (Drs. Christian & Prakash) from data collection to data analysis. Clinical psychology doctoral student Tyreek Jones will also learn advanced data analysis techniques, implementation of cognitive assessments, and interdisciplinary networking. He will have experiences that he would not in his doctoral program otherwise, including 1) hands-on experience working with caregivers, 2) intensive training in

psychoneuroimmunology by working closely with Dr. Lisa Christian and her team, 3) hands-on training in neurocognition and advanced statistical analyses by working closely with co-mentor, Dr. Ruchika Prakash, and her team 4) professional development and networking opportunities with experts in the field.

Role: Faculty Mentor

State of Ohio Mental Health and Addiction Services

State of Ohio Adversity and Resiliency (SOAR) Study (Phase I)

2023-2025

Total Award Amount: \$3,699,883

The goal of this study is to enroll and track 15,000 Ohioans for a longitudinal, address-based survey of wellness, adversity and resilience in 2 year increments. To enroll and conduct deep phenotyping assessments of risk and resilience in 3,600 Ohioans across the state using address-based, disease-based, and convenience-based sampling of family dyads and triads.

Role: Co-I

R21 MD018158 (Co-PI Christian/Morgan)

2023-2025

National Institute on Minority Health and Health Disparities

**The National Couples Health and Time Use Stress Biology Study (NCHAT-BIO):
Biobehavioral Pathways to Population Health Disparities in Sexual Minorities**

Direct costs \$346,081, total costs \$463,502

Sexual minorities (e.g., gay, lesbian, and bisexual adults) have significantly greater risk for obesity, asthma, diabetes, cardiovascular disease, and some cancers compared to heterosexuals. However, both biomarkers of risk and modifiable behavioral and psychological factors contributing to these health disparities are unknown. This study capitalizes on an unprecedented opportunity to study biobehavioral health among sexual minorities *and* intersectional effects of racial minority status on health via the examination of inflammatory markers and viral latency via biological sample collection from participants of NCHAT, the first population-representative, racially/ethnically diverse, multi-method, fully-powered study of cohabiting and married sexual and gender minorities, with a comparison sample of heterosexuals.

Role: Contact PI

Pilot Grant

The Institute for Behavioral Medicine Research

Epigenetic Aging in the National Couples Health and Time Study (NCHAT)

2023-2024

Total Award: \$10,000

Renewed for another five years by NICHD, the National Couples' Health and Time Study (NCHAT) includes 5,157 US adults ≥ 18 years of age, with oversamples of Black, Latinx, and Asian individuals. With 2,230 (43.2%) identifying as gay, lesbian, bisexual, or other identifies, NCHAT is the only population-representative study with a fully-powered subsample of sexual minorities in the US. Via recent R21 funding, we are currently examining inflammatory markers and viral monitoring in a subset of this study sample. The current award will permit for examination of epigenetic clocks among a subset of individuals in a study of This pilot award will support a future R01 applications addressing longitudinal changes in stress biology in the renewed NCHAT cohort.

Role: PI

Ohio Attorney General's Office; Victims of Crime Act (Yeager PI) 2017-2023

The Ohio State University Stress Trauma and Resilience (STAR) Program

The STAR (Stress, Trauma And Resilience) Program recognizes the importance of addressing experiences of trauma with evidence-based, trauma-informed practices and approaches to care. The STAR Trauma Recovery Center (STAR TRC) offers specialized services to victims of crime and their families across

Central Ohio. STAR also supports innovative, interdisciplinary research focused on the causes, biological and behavioral markers, prevention and treatment approaches related to psychological trauma.

Role: Co-Investigator

R01 NR017602 (Groth PI) 2018-2023

Longitudinal Changes in Weight and Biology in the Pregnancy-Postpartum Period and Subsequent Cardiometabolic Risk

The over-arching premise of this project is that the immune, endocrine, metabolic, and weight changes of pregnancy can be long-lasting and contribute to an adverse postpartum cardiometabolic profile that increases long-term chronic disease risk.

Role: External Consultant

Psychiatry & Behavioral Health Pilot Grant 2021-2022

The Ohio State University Wexner Medical Center

The National Couples Health and Time Use Study: Stress Biology (NCHAT-BIO)

These funds will support extension of dried blood spot data collection from a national cohort of over 4,000 individuals in either same or different gender relationships. NCHAT is the largest nationally representative study of sexual and gender minorities in the US to-date.

Role: Dual Principal Investigator with Claire Kamp-Dush, PhD

F30 (Pax PI) 2020 - 2022

Mommyomics and Babyomics – Effect of Gestational Diabetes on the Developing Infant Microbiome

Role: Co-Mentor

National Network of Depression Centers (NNDC) Momentum Grant 2019-2022

Women's Behavioral Health Task Force

This task force aims to leverage research resources and diverse recruitment avenues to identify factors that contribute to women's mental health across the lifespan and develop interventions.

Role: Co-I

Institute for Behavioral Medicine Research Seed Grant 2020 – 2021 Total Award: \$5,000

Establish the Ohio First Responder Pandemic Stress Database and Biorepository

We will collect data between May 1-June 30 2020 during the COVID-19 pandemic from first responders across Ohio, with survey data from up to 8,000 and corresponding biological sample repository of dried blood spot (DBS) samples from 500.

Role: Principal Investigator

P2C HD058484

Institute for Population Research Seed Grant (Christian PI) 2019-2021 Total Award: \$85,000

NCHAT-BIO: Initiation of an NCHAT Biological Sample Repository

These funds will support extension of dried blood spot data collection from NCHAT, the largest nationally representative study of sexual and gender minorities in the US to-date.

Role: Principal Investigator

T32 DE014320 (Sheridan PI) 2016-2021

Comprehensive Training in Oral and Craniofacial Sciences (COTC)

This is an established program designed to train the next generation of basic and clinical research faculty in oral and craniofacial research. The program uses a flexible graduate curriculum and established interdisciplinary research programs to provide high quality training and career development. Training is set in a highly interactive health sciences center that has support from the College of Dentistry, OSU Graduate School, OSU Center for Clinical and Translation Science (OSU CCTS) and the NIDCR. The OSU CCTS is funded by a multi-year Clinical and Translational Science Award (CTSA) from the National Institutes of Health, and provides financial, organizational, and educational support to the CTOC.

Role: Faculty Mentor

Ohio University

Transition to Independence Award (Jara, PI)

08/2018-07/2020

Total award: \$60,000

Social Genomics in Postpartum Depression

This project will utilize Dr. Christian's data to examine transcriptomics in relation to postpartum depression among women followed longitudinally from pregnancy through one year postpartum.

Role: Mentor

R01 NR01366 (Christian PI)

08/07/2013-8/31/2019

Total award: \$1,923,854

Maternal Stress, Obesity, and Influenza Virus Vaccine Immunogenicity in Pregnancy

Examines effect of behavioral factors, particularly psychosocial stress and obesity, on maternal antibody responses to influenza virus vaccination, maintenance of maternal antibody levels through time of delivery, and efficiency of antibody transfer to the fetus.

Infectious Diseases Institute (IDI)

Interdisciplinary Seed Grant Program (Kumar PI)

12/2018-11/2019

Total Award: \$25,000

Oral Microbiome in Pregnancy and Postpartum: Behavioral Predictors and Correspondence Between Mothers and Infants

This study will examine the oral microbiome in women and their infants during pregnancy and postpartum to examine effects of pregnancy on the maternal oral microbiome, factors predicting the oral microbiome composition in infants during the first year of life, and correspondence between maternal – child dyads.

Role: Co-Investigator

uBiome (Christian & Davis Dual PI)

06/2018-10/2019

Maternal Depressive Symptoms and Infant Cognitive/Behavioral Development: Explicating the Role of the Gut Microbiome

The goal of this project is to examine gut microbiome composition in association with maternal mood during pregnancy and postpartum, and infant brain/behavioral development in the first 12 months of life within the context of an randomized controlled trial (RCT) involving brief interpersonal therapy (IPT) for maternal depression during pregnancy.

Role: Dual PI

uBiome (Christian PI)

03/2018-10/2019

Gut Microbiome Composition in Perinatal Women and Their Infants: Associations with Body Weight and Behavior

The goal of this project is to examine gut microbiome composition in association with body weight and behavior (i.e., maternal mood, infant temperament) among perinatal women and their infants, with assessments beginning in the 3rd trimester of pregnancy and continuing through 1 year postpartum.

Role: Principal Investigator

Foods for Health (FFH) Discovery Theme Seed Grant (Klein PI) 04/2018-04/2019 Total award: \$25,000
Personalized Food and Nutritional Metabolomics for Health

Metabolomic and Microbial Factors in Postpartum Weight Retention

This project will examine the role of the metabolome and microbiome in predicting postpartum weight retention among women followed longitudinally through one year postpartum.

Role: Co-Investigator

T32 NR014225 (Salsberry PI) 06/2013-05/2018

Optimizing Health in Childhood: Interdisciplinary Training in Health Development

The overarching objective of this interdisciplinary training program is to prepare nurse scientists to understand how biology, social and environmental contexts intersect during childhood to influence life course health development and to use this knowledge to develop rigorous interdisciplinary programs of research to optimize health.

Role: Faculty Mentor

March of Dimes (Lockwood Site PI) 06/2013-05/2016

Ohio Perinatal Collaborative

This grant establishes a multisite collaborative focused on genetic, biological, and behavioral factors predicting preterm birth

Role: Collaborating Faculty for Theme 5: Sociobiology of Racial Disparities in Preterm Birth.

Collaborative Pilot Program (Ramilo & Christian Co-PIs) 06/26/2014 – 07/01/2016 Total award: \$50,000
OSU College of Medicine/Nationwide Children's Hospital

Effects of Prenatal Maternal Stress on Transcriptional Immune Profiles in Women and Infants: Implications for Antibody Responses to Vaccines

F31 NR014605-01 (Gillespie PhD Candidate) 06/12/2013-12/15/2015

Stressed-Induced Cellular Immune Alterations and Implications for Preterm Birth

This study will examine a biopanel of inflammatory markers with the goal of predicting preterm birth risk among African American women

Role: Co-Sponsor/Faculty Mentor

Seed Grant (Feng PI) 01/01/2014 – 12/31/2015 Total award: \$25,000

OSU Department of Human Sciences

Prenatal and Postnatal Maternal Stress, Parenting, and Children's Physiological and Behavioral Regulation of Stress During Early Childhood

Examines effects of prenatal stress exposure (as indicated by biomarkers and self-report) and parenting behavior on stress reactivity in 3-4 year olds.

Role: Co-Investigator

2P50 CA105632-06 (Paskett PI) 05/01/10-04/31/15

Center for Population Health and Health Disparities: Reducing Cervical Cancer in Appalachia Project 3: Stress and Immune Responses to HPV Vaccination (Ruffin PI)

Examines effects of psychosocial stress on antibody responses to HPV vaccination in Appalachian women.

Role: Co-Investigator

R21 HD067670 (Christian PI) 07/04/2011-06/30/2014 Total award: \$419,375

Stress, Race, and Immune Adaptation Across Pregnancy: Predictors of Preterm Birth

Examines effects of psychosocial stress and racial minority status on adaptation of the immune system across pregnancy with assessment of serum cytokines, stimulated cytokine production, and EBV latency during each trimester among African-American and European-American women.

Role: Principal Investigator

Innovative Initiative Grant (Bailey & Christian Co-PIs) 04/05/2012-04/04/2013 Total award: \$50,000
The Ohio State University Food Innovation Center

Maternal Obesity and Child Temperament as Predictors of Childhood Obesity: Mediating Role of the Intestinal Microbiota. Examines effects of maternal obesity and childhood temperament on the development of beneficial versus less beneficial microbiota in the gut of children 22-26 months of age, with the long-term goal of identifying environmental and behavioral pathways by which early life factors affect obesity risk.

R21 HD061644 (Christian PI) 8/15/2009-7/31/2012 Total award: \$402,221

Physiological Reactivity to Acute Stress During Pregnancy

Examines cardiovascular, neuroendocrine, and immune reactivity to an acute laboratory stressor (Trier Social Stress Test) among pregnant and nonpregnant African-American and Caucasian women with the goal of delineating pathways by which chronic stress may contribute to racial disparities in preterm birth.

Seed Grant (Christian & Leblebicioglu Co-PIs) 10/01/09-09/30/11 Total award: \$30,000

The Ohio State University College of Dentistry

Effects of Stress and Periodontal Disease on Immune Function During Pregnancy

Examines the interactive effects of psychological stress and periodontal disease on systemic inflammatory processes during pregnancy

Pilot Grant (Christian PI) 04/01/2009 – 03/31/2010 Total award: \$30,000

The Ohio State University Center for Clinical and Translational Science

Adaptation of the Physiological Stress Response During Pregnancy

Provided initial start-up and additional neuroendocrine and immune analyses in the R21 described above

Pilot Grant (Iams PI) 9/01/2008-8/31/2010 Total award: \$9,600

Kirwan Institute for Race and Ethnicity Small Grants Program

Stress, Health, and the Pregnancy Experience: The SHAPE Study

Examines physiological indicators of stress, including neuroendocrine and immune markers, among nonpregnant African-American and Caucasian women with a history of no, one, and two or more preterm births

Role: Co-Investigator

HONORS AND AWARDS

2022 Fellow of the Society for Biopsychosocial Science and Medicine

Fellow Status in BSAM recognizes sustained excellence in scholarship and/or professional contributions to the field of psychosomatic science and commitment to the BSAM among members who are mid-career and beyond. This designation recognizes and honors the engagement of members in advancing psychosomatic science and serving BSAM.

2020 Fellow of the Academy of Behavioral Medicine Research (ABMR)

The premiere organization in behavioral medicine, the ABMR includes influential academic, governmental, and philanthropic leaders in the field. Election to join the ABMR recognizes high levels of productivity, excellence, and broad recognition for scientific accomplishments.

2019 The FAME Committee Member of the Month

This award from the Center for Faculty Advancement, Mentoring, and Engagement (FAME) recognizes stellar contributions to faculty development and the OSU College of Medicine by one member of a FAME committee each month. Amalia Cohran, MD, FAME Director of Mentorship submitted this nomination in recognition of my contributions to developing a peer mentorship program for mid-career faculty.

2017 The 2017 FAME Career Development Award for Researchers

The Center for Faculty Advancement, Mentoring, and Engagement (FAME) annually grants on a competitive basis, up to two awards for faculty members who demonstrate significant achievements that are attributable to participating in faculty development programming, directly put on by, or sponsored by, the Center for FAME. The honoree(s) are awarded with a \$2500 honorarium and invited to present his or her achievements at a FAME Faculty Profiles Event, as well as recognized at an annual awards event.

2016 Academy of Behavioral Medicine Research Neal Miller Young Investigator Award

This award, established on the occasion of the 80th birthday of the Academy's most distinguished Fellow, is presented annually for imaginatively conceived and carefully conducted research.

2016 The Psychoneuroimmunology Research Society R. Ader New Investigator Award

This prestigious award is presented to an outstanding new research scientist who has made exciting basic science or clinical contributions to the field of PNI. The award honors Dr. Ader's innovation and creativity as a scientist and recognizes his contributions to the instantiation of PNI as a meaningful endeavor dedicated to the betterment of health and the prevention of disease.

2011 Academy of Behavioral Medicine Research Fellow

Competitive application to attend the two day "ABMR Research Camp", providing individual mentoring and conference attendance all expenses paid.

PREPRINTS

1. **Christian, L.M.**, Morgan, E., Andridge, R.R., Peng, J., Marlar, J., Manning, W.D., Cole, S.W., McDade, T.W & Kamp Dush, C.M. (2026) The National Couples' Health and Time Stress Biology Study (NCHAT-BIO): Wave 1 Methodology Report and Wave 3 Preview. PsyArXiv. osf.io/preprints/psyarxiv/rzjf3_v1
2. **Christian, L.M.**, Andridge, R. R., Peng, J., Blevins, T., McDade, T., Manning, W., & Kamp Dush, C. M. (2025). Positive and Negative Coping Behaviors: Associations with Immune Function in a Sexually Diverse US Sample. PsyArXiv. osf.io/preprints/psyarxiv/3uefs_v1

PEER REVIEWED PUBLICATIONS

1. **Christian, L.M.**, Andridge, R. R., Peng, J., Kasibhatla, N., McDade, T., Blevins, T., Cole, S.W., Manning, W.D., & Kamp Dush, C. M. (in press). Sexual Minority Adults Exhibit Greater Inflammation than Heterosexual Adults in the Context of Depressive Symptoms and Anxiety: Pathways to Health Disparities. *Brain, Behavior, and Immunity*.
2. **Christian, L.M.**, Andridge, R., Peng, J., McDade, T.W., Manning, W.D., & Kamp Dush, C.M. (in press). Self-Rated Health and Inflammation: Associations among Partnered Sexual Minority and Heterosexual Adults. *Health Psychology*.
3. Madison, A. Kamp Dush, C.M., McDade, T.W., Peng, J., Andridge, R.R., Cole, S.W., Blevins, T., Kasibhatla, N., **Christian, L.M.**, (in press) Social Support, Loneliness & Inflammation in LGB+ Subgroups: Health Disparities in a Partnered U.S. Cohort. *Biopsychosocial Science and Medicine*.
4. King, A.P., Langenecker, S.A., Gorka, S., Turner, J., Want, L., Wastler, H. Gonzalex, M.R., **Christian, L.M.**, [52 others], Maynard-Wentzel, G., Kragulijac, N., & Phan, K.L. (2025). The State of Ohio Adversity and Resilience (SOAR) Study Protocol: A Comprehensive, Multimodal, Family-based, Longitudinal Observational Investigation of Risk and Resilience in Mental Health and Substance Use Disorders. *BMJ Open*, 0:e099525.
5. Brown, R.L., Hery, C.M., Prather, A., & **Christian L.M.** (2025). Longitudinal actigraphy and subjective sleep measures from pregnancy to postpartum. *PLoS One*, 20 (6) e0323489.
6. Morgan E, Kamp Dush CM, McDade TW, Peng J, Andridge RR, Cole SW, Manning W, & **Christian LM.** (2025). LGBTQ+ identity and its association with inflammation and cellular immune function. *Brain, Behavior, and Immunity*. 126, 333-341.
7. **Christian, L.M.**, Wilson, S., Madison, A.A., Kamp Dush, C.M., McDade, T.W., Peng, J., Andridge, R., Morgan, E., Manning, W., Cole, S.W., (2025). Sexual Minority Stress and Epigenetic Aging. *Brain, Behavior, and Immunity*, 126, 24-29.
8. Amaya, M., Melnyk, B.M., Teall, A., **Christian, L.M.**, Messinger, J., Winn, J., Battista, L., Johnson, N., Atkinson, C (2025). Make It or Break It: Effects of a multi-component healthy lifestyle behavior change program on healthy beliefs, behaviors, stress, self-efficacy and health locus of control. *Building Healthy Academic Communities Journal*, 9 (1), 55-72.
9. **Christian, L.M.**, Brown, R.L., Carroll, J.E., Thayer, J.F., Lewis, T.T., Gillespie, S.L., & Fagundes, C.P. (2024) Pathways to Maternal Health Inequities: Structural Racism, Sleep, and Physiological Stress. *Brain, Behavior, and Immunity*, 502-509.
10. Seamon, D.E., Gartstein, M.A., Mattera, J.A., Keim, S.A., Leerkes, E.M., Rennels, J.L., Narvaez, D., Sanborn, S.M., Bisson, J.N., Dunkel Schetter, C., Coussons-Read, M., Tarulla, A.R., Schoppe-Sullivan, S.J., Braungart-Rieker, J.M., Lumeng, J.C., Lenze, S.N., **Christian, L.M.**, Saxbe, D.E., Stroud, L.R., Rodriguez, C.M., & Anzman-Frasca S. (2024). Leveraging Machine Learning to Study How Temperament Scores Predict Pre-Term Birth Status. *Global Pediatrics*. 100220.
11. **Christian, L.M.**, (2024). Turning Stress into Success: A Festschrift in Honor of Janice K. Kiecolt-Glaser. *Comprehensive Psychoneuroendocrinology*. 100251.

12. Rosko, A.E., Elsaid, M.I., Woyach, J., Islam, N., Lepola, N., Urrutia, J., **Christian, L.M.**, Presley, C., Mims, A., & Burd, C. (2024). Determining the relationship of p16INK4a and additional molecular markers of aging with clinical frailty in hematologic malignancy. *Journal of Cancer Survivorship*. 1-11
13. **Christian, L.M.**, Kiecolt-Glaser, J.K., Cole, S.W., Burd, C.E., Madison, A.A., Wilson, S.J., & Rosko, A.E., (2024). Psychoneuroimmunology in multiple myeloma and autologous hematopoietic stem cell transplant: Opportunities for research among patients and caregivers. *Brain, Behavior, and Immunity*. 119, 507-519.
14. **Christian, L.M.**, Wilson, S.J., Madison, A.A., Prakash, R.S., Burd, C.E., Rosko, A.E., & Kiecolt-Glaser, J.K., (2023). Understanding the Health Effects of Caregiving Stress: New Directions in Molecular Aging. *Ageing Research Reviews*. 102096.
15. Strahm, A.M., Mitchell, A., Pan, J. & **Christian, L.M.** (2022). Repetitive negative thinking: Associations with mental health, inflammation, and breastfeeding in pregnancy and postpartum. *Journal of Affective Disorders*, 319, 497-506.
16. Chase, D., Pressman, S., **Christian, L.M.**, Galley, J., & Bailey M.T. (2022). Associations between gut microbes and social behavior in healthy 2-year-old children. *Psychosomatic Medicine*, 84, 749-756.
17. Fagundes, C.P., Wu-Chung, E.L., **Christian, L.M.** (2022). Social determinants of health: What we still need to know. *Psychoneuroendocrinology*. 140:105713.
18. Mitchell, A.M., Kowalsky, J., Belury, M., Cole, R., & **Christian, L.M.** (2022). Perceived Social Support Predicts Self-Reported and Objective Health and Health Behaviors among Pregnant Women. *Journal of Behavioral Medicine*. 45, 589-602.
19. Gillespie, S., **Christian, L.M.**, Mackos, A.R., Nolan, T.S., Gondwe, K.W., Anderson, C.M., Hall, M.W., Williams, K.P., Slavish, G. M. (2022). Lifetime stressor exposure, systemic inflammation during pregnancy, and preterm birth among Black American women. *Brain, Behavior, and Immunity*, 101, 266-274.
20. Cao, R.G., **Christian, L.M.**, Jaramillo, L., Smith, B., Karlsson, E., Schultz-Cherry, S., Mejias, A., & Ramilo, O., (2022) Early changes in interferon gene expression and antibody responses following influenza vaccination in pregnant women. *The Journal of Infectious Diseases*, 225, 341-351.
21. Chen, M.A., LeRoy, A.S. Majd, M., Chen, J.Y., Brown, R.L., **Christian, L.M.**, & Fagundes, C.P. (2021). Immune and Epigenetic Pathways Linking Childhood Adversity and Health Across the Lifespan. *Frontiers in Psychology*, 12, Article 788351.
22. **Christian, L.M.**, Cole, S.W., McDade, T., Pachankis, J.E., Morgan, E., Strahm, A.M., & Kamp Dush, C. (2021). A Biopsychosocial Framework for Understanding Sexual and Gender Minority Health: A Call for Action. *Neuroscience and Biobehavioral Reviews*, 129, 107-116.
23. **Christian, L.M.**, Webber, S., Gillespie, S., Strahm, A.M., Schaffir, J., Gokun, Y., & Porter, K. (2021). Maternal Depressive Symptoms, Sleep, and Odds of Spontaneous Early Birth: Implications for Racial Inequities in Birth Outcomes. *Sleep*, 1-9.

24. Weiss, S., Flynn, H., **Christian, L.M.**, Hantsoo, L., Lanza di Scalea, T., Kornfield, S., Muzik, M., Simeonova, D., cooper, B., Strahm, A.M., Deligiannidis, K., (National Network of Depression Centers Women's Behavioral Health Task Force.) (2021). Distinguishing Characteristics of Symptom Profiles identified with Latent Class Analysis in Women at Risk of Mood Disorders. *Depression & Anxiety*, 295, 139-147.
25. Gillespie, S., Bose-Brill, S., Giurgescu, C., Gondwe, K., Nolan, T., Spurlock, E., & **Christian, L.M.** (2021). The interaction of interpersonal racial discrimination and life course stress in the prediction of prenatal inflammation, perceived stress, and depressive symptoms. *Nursing Research*, 70, S21-S30.
26. Brown, R.L., Fagundes, C. P., Thayer, J.F., & **Christian, L.M.** (2021). Longitudinal Changes in HRV across Pregnancy and Postpartum: Effect of Negative Partner Relationship Qualities. *Psychoneuroendocrinology*, 129, 105216.
27. Ruffin, Mack T., Hade, E.M., Fahey, P.B., **Christian, L.M.**, Paskett, E.D., Harper, D.M., (2021). Predictors of HPV Seropositivity in Appalachian Women age 18-26 Years. *Sexually Transmitted Diseases*, 48, 693-699.
28. **Christian, L.M.** (2020). At the forefront of psychoneuroimmunology in pregnancy: Implications for racial disparities in birth outcomes Part 1: Behavioral risks factors. *Neuroscience and Biobehavioral Reviews*, 117, 319-326.
29. **Christian, L.M.** (2020). At the forefront of psychoneuroimmunology in pregnancy: Implications for racial disparities in birth outcomes Part 2: Biological mechanisms. *Neuroscience and Biobehavioral Reviews*, 117, 327-333.
30. **Christian, L.M.**, Koenig, J., Williams, D.P., Kapuku, G., Thayer, J.F. (2020). Impaired vasodilation in pregnant African Americans: Preliminary evidence of potential antecedents and consequences. *Psychophysiology*, 58, e13699.
31. Carroll, J., Rentscher, K., Cole, S., Luo, J., Ramilo, O., Webber, S., Lamkin, D., **Christian, L.M.** (2020). Sleep disturbances and inflammatory gene expression among pregnant women: Differential responses by race. *Brain, Behavior, and Immunity*, 88, 654-660.
32. Jara, A., Dreher, M., Porter, K., **Christian, L.M.** (2020). The association of maternal obesity and race with serum adipokines in pregnancy and postpartum: Implications for gestational weight gain and infant birth weight. *Brain, Behavior, and Immunity – Health*. 3, 2020, 100053.
33. **Christian, L.M.** (2019). The gut microbiome and mental health: Taking baby steps. *Brain, Behavior, and Immunity*, 81, 22-23.
34. Cunningham, W., Geard, N., Fielding, J.E., Braat, S., Madhi, S.A., Nunes, M.C., **Christian, L.M.**, Lin, S.Y., Lee, C.N., Yamaguchi, K., Bisgaard, H., Chawes, B., Chao, A.S., Blanchard-Rohner, G., Schlaudecker, E.P., Fisher, B.M, McVernon, J., Moss, R. (2019). Optimal timing of influenza vaccine during pregnancy: A systematic review and meta-analysis. *Influenza and Other Respiratory Viruses*, 13, 438-452.

35. **Christian, L.M.**, Carroll, J.E., Porter, K., & Hall, M. (2019). Sleep quality across pregnancy and postpartum: Effects of parity and race. *Sleep Health*, 5, 327-334.
36. Gillespie, S., Cole, S., & **Christian, L.M.** (2019). Early adversity and the regulation of gene expression: Implications for prenatal health. *Current Opinion in Behavioral Sciences*, 28, 111-118.
37. Mitchell, A.M., & **Christian, L.M.** (2019). Repetitive negative thinking, meaning in life, and serum cytokine levels in pregnant women: varying associations by socioeconomic status. *Journal of Behavioral Medicine*, 42, 960-972.
38. **Christian, L.M.**, Carroll, J.E., Teti, D.M., & Hall, M.H. (2019). Maternal sleep in pregnancy and postpartum Part I: Mental, physical, and interpersonal consequences. *Current Psychiatry Reports*, 21:20.
39. Carroll, J.E., Teti, D.M., Hall, M.H., & **Christian, L.M.** (2019). Maternal sleep in pregnancy and postpartum Part II: Biomechanisms and intervention strategies. *Current Psychiatry Reports*, 21:19.
40. Ritchie-Ewing, G., Mitchell, A., **Christian, L.M.** (2019). Associations of maternal beliefs and distress in pregnancy and postpartum with breastfeeding initiation and early cessation. *Journal of Human Lactation*, 35, 49-58.
41. Finy, S. & **Christian, L.M.** (2018). Pathways linking childhood abuse history and current socioeconomic status to inflammation during pregnancy. *Brain, Behavior, and Immunity*, 74, 231-240.
42. Gillespie, S.L., Mitchell, A.M., Kowalsky, J.M., **Christian, L.M.** (2018). Maternal parity and perinatal cortisol adaptation: The role of pregnancy-specific distress and implications for postpartum mood. *Psychoneuroendocrinology*, 97, 86-93.
43. **Christian, L.M.**, Kowalsky, J.M., Mitchell, A.M., & Porter, K. (2018). Associations of postpartum sleep, stress, and depressive symptoms with LPS-stimulated cytokine production among African American and White women. *Journal of Neuroimmunology*, 316, 98-106.
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45. Mitchell, A.M., Porter, K., **Christian, L.M.** (2018). Examination of the role of obesity in the association between childhood trauma and inflammation during pregnancy. *Health Psychology*, 37, 114-124.
46. Brook, M.J., **Christian, L.M.**, Hade, E., M., Ruffin, M. (2017). The effect of perceived stress on Epstein-Barr virus antibody titers in Appalachian women. *Neuroimmunomodulation*, 24, 67-73.
47. Gillespie, S.L., **Christian, L.M.**, Alston, A., Salsberry, P. (2017). Childhood stress and birth timing among African American women: Cortisol as biological mediator. *Psychoneuroendocrinology*, 84, 32-41.

48. **Christian, L.M.**, Beverly, C., Mitchell, A., Karlsson, E., Porter, K., & Schultz-Cherry, & S. Ramilo, O. (2017) Effects of prior influenza virus vaccination on maternal antibody responses and cord blood antibody titers. *Vaccine*, 35, 5283-5290.
49. **Christian, L. M.**, Young, A. S., Mitchell, A. M., Belury, M. A., Gracious, B. L., Arnold, L. E., & Fristad, M. A. (2017). Body weight affects ω -3 polyunsaturated fatty acid (PUFA) accumulation in youth following supplementation in post-hoc analyses of a randomized controlled trial. *PLOS ONE*, 12, e0173087.
50. Mitchell, A.M., & **Christian, L.M.** (2017). Financial strain and birth weight: The mediating role of psychological distress. *Archives of Women's Mental Health*, 20, 201-208.
51. Gillespie, S.L., Neal, J.L., **Christian, L.M.**, Szalacha, L.A., Salsberry, P.J. (2017). Interleukin-1 receptor antagonist polymorphism and birth timing: Pathway analysis among African Americans. *Nursing Research*, 66, 95-104.
52. Mitchell, A.M., Palettas, M., **Christian, L.M.** (2017). Fetal sex is associated with maternal stimulated cytokine production, but not serum cytokine levels, in human pregnancy. *Brain, Behavior, and Immunity*, 60, 32-37.
53. **Christian, L.M.**, Mitchell, A.M., Gillespie, S.L., Palettas, M. (2016). Serum brain-derived neurotrophic factor (BDNF) across pregnancy and postpartum: Associations with race, depressive symptoms, and low birth weight. *Psychoneuroendocrinology*, 74, 69-76.
54. Paropkari, A.D., Leblebicioglu, B., **Christian, L.**, Kumar, P.S. (2016). Smoking, pregnancy and the subgingival microbiome. *Scientific Reports*, 6, 30388.
55. Gillespie, S.L., **Christian, L.M.** (2016). Body mass index (BMI) as a measure of obesity: Racial differences in predictive value for health parameters during pregnancy. *Journal of Women's Health*, 25, 1210-1218.
56. Gillespie, S., Porter, K., **Christian, L.M.** (2016). Adaptation of the inflammatory immune response across pregnancy and postpartum in Black and White women. *Journal of Reproductive Immunology*, 114, 27-31.
57. **Christian, L.M.**, Blair, L.M., Porter, K., Lower, M., Cole, Rachel M., Belury, M.A. (2016). Polyunsaturated fatty acids (PUFA) status in pregnant women: Associations with sleep quality, inflammation, and length of gestation. *PLOS One*, 11, e0148752.
58. Gillespie, S., **Christian, L.M.**, Neal, J.L. (2015). A proposed bio-panel to predict risk for spontaneous preterm birth among African American women. *Medical Hypotheses*, 85, 558-564.
59. **Christian, L.M.**, Porter, K., Karlsson, E., Schultz-Cherry, S. (2015). Proinflammatory cytokine responses correspond with subjective side effects after influenza virus vaccination. *Vaccine*, 33, 3360-3366.

60. Blair, L.M., Porter, K., Leblebicioglu, B., **Christian, L.M.** (2015). Poor sleep quality and inflammation predict preterm birth: Heightened risk among African Americans. *Sleep*, 38, 1259-1267.
61. Hooper, E., Feng, X., **Christian, L.M.**, Slesnick, N. (2015). Emotion expression, emotionality, depressive symptoms, and stress: Maternal profiles related to child outcomes. *Journal of Abnormal Child Psychology*, 43, 1319-1331.
62. **Christian, L.M.**, Galley, J.D., Hade, E.M., Schoppe-Sullivan, S., Kamp-Dush, C., Bailey, M.T. (2015). Gut microbiome composition is associated with temperament during early childhood. *Brain, Behavior, and Immunity*, 45, 118-127.
63. **Christian, L.M.** (2015) Stress and immune function during pregnancy: An emerging focus in mind-body medicine. *Current Directions in Psychological Science*, 24, 3-9.
64. Galley, J., Bailey, M., Kamp-Dush, C., Schoppe-Sullivan, S., & **Christian, L.M.** (2014). Maternal obesity is associated with alternations in the gut microbiome in toddlers." *PLoS ONE*, 9, e113026.
65. Kiecolt-Glaser, J.K., Glaser, R., & **Christian, L.M.** (2014). Omega-3 fatty acids and stress-induced immune dysregulation: Implications for wound healing. *Military Medicine*, 179, 129-133.
66. **Christian, L.M.**, & Porter, K.P. (2014) Longitudinal changes in serum proinflammatory markers across pregnancy and postpartum: Effects of maternal body mass index. *Cytokine*, 70, 134-140.
67. Jaremka, J., Belury, M.A., Andridge, R.R., Malarkey, W., Glaser, R., **Christian, L.M.**, Emery, C.F., Kiecolt-Glaser, J.K. (2014) Interpersonal stressors predict ghrelin and leptin levels in women. *Psychoneuroendocrinology*, 48, 178-188.
68. **Christian, L.M.** (2014). Effects of stress and depression on inflammatory immune parameters in pregnancy. *Invited Manuscript. American Journal of Obstetrics and Gynecology, Special Report*, 275-277.
69. **Christian, L.M.** (2014). Optimizing benefits of influenza virus vaccination during pregnancy: Potential behavioral risk factors and interventions. *Vaccine*, 32, 2958-2964.
70. **Christian, L.M.**, Glaser, R. Porter, K., Iams, J.D. (2013). Stress-induced inflammatory responses in women: Effects of race and pregnancy. *Psychosomatic Medicine*, 75, 658-669.
71. **Christian, L.M.**, Iams, J.D., Porter, K., & Leblebicioglu, B. (2013). Self-rated health among pregnant women: Associations with objective health status, psychological functioning, and serum inflammatory markers. *Annals of Behavioral Medicine*, 46, 295-309.
72. **Christian, L.M.**, Porter, K., Karlsson, E., Schultz-Cherry, S., & Iams, J.D. (2013). Serum proinflammatory cytokine responses to influenza virus vaccine among women during pregnancy versus non-pregnancy. *American Journal of Reproductive Immunology*, 70, 45-53.
73. **Christian, L.M.** (2012). Physiological reactivity to psychological stress in human pregnancy: Current knowledge and future directions. *Progress in Neurobiology*, 99, 106-116.

74. **Christian, L.M.**, Iams, J.D., Porter, K., & Glaser, R. (2012). Epstein-Barr virus reactivation during pregnancy and postpartum: Effects of race and racial discrimination. *Brain, Behavior, and Immunity*, 26, 1280-1287.
75. **Christian, L.M.** (2012). Psychoneuroimmunology in pregnancy: Immune pathways linking stress with maternal health, adverse birth outcomes, and fetal development. *Neuroscience and Biobehavioral Reviews*, 36, 350-361.
76. Kiecolt-Glaser, J.K., **Christian, L.M.**, Andridge, R., Hwang, B.S., Malarkey, W.B., Belury, M.A., Emery, C.F., & Glaser, R. (2012). Adiponectin, leptin, and yoga practice. *Physiology and Behavior*, 107, 809-813.
77. **Christian, L.M.**, Iams, J.D., Porter, K., & Glaser, R. (2011). Inflammatory responses to seasonal influenza virus vaccine among pregnant women. *Vaccine*, 29, 8982-8987.
78. **Christian, L.M.**, Glaser, R., Porter, K., Malarkey, W.B., Beversdorf, D., Kiecolt-Glaser, J.K. (2011). Poorer self-rated health is associated with elevated inflammatory markers among older adults. *Psychoneuroendocrinology*, 36 (10), 1431-1588.
79. **Christian, L.M.**, Franco, A., Iams, J., Sheridan, J., & Glaser, R. (2010). Depressive symptoms predict exaggerated inflammatory responses to an *in vivo* immune challenge during pregnancy. *Brain, Behavior, and Immunity*, 24, 49-53.
80. Kiecolt-Glaser, J.K., **Christian, L.M.**, Preston, H., Houtens, C., Malarkey, W.B., Emery, C.F., Glaser, R. (2010). Stress, inflammation, and yoga practice. *Psychosomatic Medicine*, 72 (2), 113-121.
81. Pereira, D.B., **Christian, L.M.**, Patidar, S., Bishop, M.M., Dodd, S.M., Athanason, R., Wingard, J.R., Reddy, V.S. (2010). Spiritual absence and one year mortality after hematopoietic stem cell transplant. *Biology of Blood and Marrow Transplantation* 16 (8), 1171-1179.
82. **Christian, L.M.**, Franco, A., Glaser, R., & Iams, J. (2009). Depressive symptoms are associated with elevated serum proinflammatory cytokines among pregnant women. *Brain, Behavior, and Immunity*, 23, 750-754.
83. **Christian, L.M.**, & Storch, E. (2009). Cognitive-behavioral therapy for postpartum onset obsessive-compulsive disorder with aggressive obsessions. *Clinical Case Studies*, 8 (1), 72-83.
84. **Christian, L.M.**, Graham, J.E., Padgett, D.A., Glaser, R., & Kiecolt-Glaser, J.K. (2006). Stress and wound healing. *Neuroimmunomodulation*, 13, 337-346.
85. Graham, J.E., **Christian, L.M.**, & Kiecolt-Glaser, J.K. (2006). Stress, age, and immune function: Toward a life-span approach. *Journal of Behavioral Medicine*, 29(4), 389-400.
86. **Christian, L.M.**, & Stoney, C.M. (2006). Social support versus social evaluation: Unique effects on vascular and myocardial response patterns. *Psychosomatic Medicine*, 68, 914-921.

BOOK CHAPTERS

1. Seiler, A., Fagundes, C.P., & **Christian, L.M.** (2020). The impact of everyday stressors on the immune system and health. In A. Choukèr (Ed.) *Stress Challenges and Immunity in Space - From Mechanisms to Monitoring and Preventive Strategies*, 2nd edition, (pp 74-92). Heidelberg, Germany: Springer.
2. **Christian, L.M.**, & Glaser, R. (2012). The impact of everyday stressors on the immune system and health. In A. Choukèr (Ed.) *Stress Challenges and Immunity in Space – From Mechanisms to Monitoring and Preventive Strategies*. (pp 31-46). Heidelberg, Germany: Springer.
This book was awarded the 2012 Life Science Book Award from the International Academy of Astronautics.
3. **Christian, L.M.**, Deichert, N.T., Gouin, J-P., Graham, J.E., & Kiecolt-Glaser, J.K. (2009). Psychological influences on neuroendocrine and immune outcomes. In J.T. Cacioppo & G.G. Berntson (Eds.) *Handbook of Neuroscience for the Behavioral Sciences*. Vol 2: 1260-79.
4. Graham, J. E., **Christian, L.M.**, & Kiecolt-Glaser, J. K. (2006). Marriage, health, and immune function: A review of key findings and the role of depression. In S.R.H. Beach, M.Z. Wamboldt, N.J. Kaslow, R.E. Heyman, M.B. First, L.G. Underwood, & D. Reiss (Eds.), *Relational Processes and DSM-V: Neuroscience, Assessment, Prevention, and Treatment*. (pp. 61-76). Washington DC: American Psychiatric Publishing, Inc.

CLINICAL EXPERIENCE

2018- present	Women’s Behavioral Health Outpatient Care Center, Upper Arlington The Ohio State University Medical Center, Columbus, Ohio
2007-2008	Department of Clinical and Health Psychology The University of Florida Health Sciences Center, Gainesville, Florida

COURSES/ SUPERVISION

2024 – present	Undergraduate Research in Psychiatry & Behavioral Health (PBH 4998)
2023 – 2024	Graduate Neuroscience Research Techniques (Neuroscience 7000.01)
2008 – 2022	Undergraduate Research (Psychology 4998)
2012-2015, 2024- 2026	Dissertation Research in Psychology (Psychology 8999)
Oct 2008 – May 2009	Obstetrics & Gynecology Fellow Research Advisor
Oct 2008 – May 2009	Medical Student Research Advisor

INVITED TALKS

- 01/2026 “Psychoneuroimmunology and Sexual Minority Health: Linking Chronic Stress, Inflammation, and Epigenetic Aging. Department of Biobehavioral Health Seminar Series, Penn State.
- 05/2025 “Psychoneuroimmunology in Maternal and Child Health: Stress, Obesity, and Immune Function”. NICHD Social and Behavioral Sciences Branch, Division of Intramural Population Health Research Seminar Series.

- 05/2023 “Stress and Immune Function in Pregnancy: The Role of Discrimination.” The Harvard Pediatric HIV/AIDS Cohort Study (PHACS) Spring 2023 Network Meeting, Bethesda, Maryland, May 9-10, 2023. (National Audience).
- 09/2021 “The Mind-Body Connection in Maternal and Child Health” The Ohio State University College of Dentistry Colloquium Series. (Virtual Presentation: Local Audience).
- 05/2021 “Stress and Immune Function During Pregnancy: Models of Investigation” Rice University, Houston, Texas. (Virtual Presentation; National Audience).
- 03/2021 “Finding Hope and Remaining Patient for the COVID-19 Vaccine” (Panel Discussion; Local Audience) The Ohio State University Interprofessional Council Mental Health Series.
- 11/2020 “Establishing a Research Program” Rice University, Houston, Texas (Virtual Presentation; National Audience).
- 04/2020 “Psychoneuroimmunology in Perinatal Women: Current Knowledge and Future Directions” Penn State University (Local Audience). *Cancelled due to COVID-19 pandemic.*
- 06/2019 “Tales from Psychoneuroimmunology in Pregnancy: A 10-Year Overview of the Stress and Health in Pregnancy Lab”, Charité Universitätsmedizin, Berlin, Institute of Medical Psychology, Berlin, Germany (International Audience).
- 05/2019 “Psychoneuroimmunology in Pregnancy and Postpartum: The Critical Role of Sleep” University of California-Los Angeles (UCLA) Cousins Center for Psychoneuroimmunology Lecture Series, Los Angeles, CA (National Audience).
- 02/2018 “Psychoneuroimmunology in Pregnancy: Mechanisms Linking Stress, Race, Immune Function, and Perinatal Health”. 6th Annual Mount Sinai Innovations in Psychiatry Symposium “Women’s Mental Health and Early Child Development”. Icahn School of Medicine at Mount Sinai, New York, NY. (National Audience).
- 01/2018 “Mentor and Mentee Responsibilities and Relationships”. The Ohio State University Center for Clinical and Translational Science TL2 Trainees (Local Audience).
- 10/2017 “Behavior, Biology, and Health in Perinatal and Early Life: Potential Targets for Functional Foods”. Center of Advanced Functional Foods, Research and Entrepreneurship (CAFFRE) Seminar Series, The Ohio State University Food Innovation Center. (Local Audience).
- 10/2016 “The Mind-Body Connection in Maternal and Child Health: Linking Stress and the Immune System”. Department of Psychiatry, Montefiore Medical Center, Bronx, NY, USA (National Audience).
- 06/2016 “Stress, Race and Immune Function in Pregnancy” The Psychoneuroimmunology Research Society Annual Conference. Brighton Beach, England (International Audience).
- 06/2016 “Stress, Race and Immune Function in Pregnancy” The Academy of Behavioral Medicine Research Annual Conference. Whistler, British Columbia, Canada (International Audience).

- 02/2016 “Race, Stress, and Immune Dysregulation During Pregnancy.” Division of Environmental Health Sciences Seminar Series. The Ohio State University College of Public Health. (Local Audience).
- 02/2015 “Linking Omega-3 Fatty Acids, Sleep Quality, Inflammation, and Preterm Birth: Heightened Risk in African Americans”. The Ohio State University Center for Women’s Health. (Local Audience).
- 09/2014 “Including Obese Pregnant Women in Vaccine Studies: Why, Who, and How” The NIH Clinical Research in Pregnant Women Conference. Bethesda, Maryland (International Audience).
- 04/2014 “Effects of Stress on Immune Function in Pregnancy” The North American Society for Psychosocial Obstetrics & Gynecology (NASPOG) Annual Meeting, Columbus, Ohio (International Audience).
- 01/2014 “Stress and Immune Function in Pregnancy.” The Ohio State University College of Nursing T32 Training Grant in Optimizing Health in Childhood Seminar Series. (Local Audience)
- 01/2013 “Psychoneuroimmunology in Pregnancy: Effects of Race and Stress on Inflammation and Viral Latency.” The Ohio State University Center for Women’s Health Research Collaboration Speaker Series. (Local Audience).
- 09/2013 “Stress, Depression, and Immune Function in Pregnant Women.” The American Gynecological and Obstetrical Society (AGOS) Annual Meeting, Chicago, IL. (International Audience).
- 04/2011 "Perinatal Psychoneuroimmunology: Stress and Health in Pregnancy". University of Pittsburgh, Pittsburgh, PA. Pittsburgh Mind Body Center Speaker Series. (Regional Audience).
- 03/2011 “Effects of Stress on Health and Immune Function in Pregnancy” Friends of Harding Hospital, Columbus, Ohio. (Local Audience).
- 02/2011 “How to Get from There to Here Panel Discussion.” Presented at the OSU College of Medicine Research Celebration Kick-Off Event. The Ohio State University Medical Center. (Local Audience).
- 11/2010 "Stress and Health in Pregnancy: Perinatal Psychoneuroimmunology". Human Development & Family Science Brown Bag. The Ohio State University, Columbus, Ohio (Local Audience).
- 01/2010 “Stress and Health in Pregnancy,” College of Nursing Colloquium Series. The Ohio State University, Columbus, Ohio (Local Audience).
- 10/2008 “Stress, Depression, and Immune Function During Pregnancy: A Role for Omega-3 Fatty Acids?” OSU Dept of Human Nutrition Seminar Series, Columbus, Ohio (Local Audience).

OTHER TEACHING

2019-2023

Portfolio Coach

College of Medicine

Provide mentorship, facilitate personal reflection and professional development, and increase access to needed support resources among a cohort of 8-10 medical students via regular meetings and feedback on portfolio assignments.

2011-current

Mentorship Training Facilitator**Center for Clinical and Translational Science (CCTS)**

Served as facilitator approximately twice per year for a mentorship training program sponsored by the CCTS for 5-30 OSU faculty per workshop from assistant professor through full professor. This workshop includes two three-hour sessions, or four two-hour sessions, involving case studies and group activities.

October 2017

Gain the Most from Mentoring**Center for Clinical and Translational Science (CCTS)**

Served as panel member for a mentoring seminar sponsored by the CCTS for approximately 20 junior OSU faculty.

March 2017-present

Certified Facilitator of Mentorship Training**National Research Mentoring Network (NRMN)**

September 2012

Mentorship Training Facilitator**OSUWMC Physical Therapy Program**

Served as facilitator for ½ day training session for 28 physical therapy residents upon request from the Coordinator of the Orthopaedic Residency Program at the OSU Sports Medicine

August 2010

Mentorship Facilitator Training**University of Wisconsin - Madison**

Attended a 2-day training seminar in Madison, Wisconsin in August 2010 to learn to be a facilitator of empirically-based mentorship trainings

SERVICE ACTIVITIES**National/International**

2025 – 2028

Board of Directors (Elected Position)

Psychoneuroimmunology Research Society (PNIRS)

Fall 2023

Grant Reviewer

American Psychological Foundation Wayne F. Placek Award

Winter 2022

Ad Hoc NIH Study Section Member

NINR Limited Competition-- Modular Budget Research Project Grant for NIH Nurse Scientist

Spring 2021

Ad Hoc NIH Study Section Member

Brain Disorders and Clinical Neuroscience IRG (BDCN) Special Emphasis Panel

- 2020-2021 **Co-Guest Editor with Co-Guest Editor Chris Fagundes, PhD**
Psychoneuroendocrinology Special Issue: Health Disparities
- Summer 2020 **Ad Hoc NIH Study Section Member**
NRRC (78) National Institute of Nursing Research IRG
- 2020 – 2021 **Council Representative to the Nominating Committee (Elected Position)**
American Psychosomatic Society
- 2019 – present **Editorial Board Member**
Brain, Behavior, and Immunity: Health
- 2019 – present **Editorial Board Member**
Psychoneuroendocrinology
Comprehensive Psychoneuroendocrinology
- Spring 2019 **Grant Reviewer**
March of Dimes
- 2019 – 2022 **Secretary/Treasurer (Elected Position)**
Psychoneuroimmunology Research Society (PNIRS)
- 2018 – 2021 **Board of Directors Council Member (Elected Position)**
American Psychosomatic Society (APS)
- 2017 – 2022 **Board of Directors (Elected Position)**
Psychoneuroimmunology Research Society (PNIRS)
- 2017 – 2022 **Women and Mood Disorders Task Force Member**
National Network of Depression Centers (NNDC)
- 2017 – present **Editorial Board Member**
Health Psychology
- 2017 – present **Editorial Board Member**
Brain, Behavior, and Immunity
- Fall 2015 **Ad Hoc NIH Study Section Member**
Infectious Diseases, Reproductive Health, Asthma and Pulmonary Conditions (IRAP)
- 2014 – 2017 **Nominating Committee Member**
Psychoneuroimmunology Research Society (PNIRS)
- 2011 – 2014 **Program Committee Member and
Mentor-Mentee Reception Coordinator**
American Psychosomatic Society (APS) Annual Meeting

- 2009 – present **Abstract Reviewer**
American Psychosomatic Society Annual Meeting
- 2014-2015 **External Reviewer**
Health Research Board (HRB) of Ireland
- 2012 - 2019 **Abstract Reviewer**
American Psychological Association (APA) Division 38 (Health Psychology) Annual Meeting
- Fall 2014 **Ad Hoc NIH Study Section Member**
Mechanisms of Emotions Stress and Health (MESH)
- Summer 2013 **Grant Reviewer**
Swiss National Science Foundation
- Summer 2013 **Ad Hoc NIH Study Section Member**
ZNRI REV-T(16): Effects of the Microbiome on Preterm Birth and Delivery
- 2013 – 2014 **North American Society for Psychosocial Obstetrics & Gynecology (NASPOG)**
Organizing Committee for 2014 Annual Meeting
- 2012-2013 **Membership Committee**
Psychoneuroimmunology Research Society (PNIRS)
- 2012 **Ad Hoc NIH Study Section Member**
ZRG I BBBP-J (50): Special Emphasis Panel, RFA: Mechanistic Pathways Linking Psychosocial Stress and Behavior
- University/College**
- 2025 **Grant Reviewer and Faculty Mentor**
Medical Student Summer Research Program (MDSR)
Ohio State University College of Medicine
- 2022 – 2024 **Committee Member**
Learning Environment Optimization Group; OSU COM
Members: Scott Holliday, MD (Associate Dean for Graduate Medical Education)
 Amy Darragh, PhD (Vice Dean, College of Medicine)
 Jennifer McCallister, MD (Associate Dean for Medical Education)
 Alex Grieco, MD (Associate Dean for Student Life)
 Demicha Rankin, MD (Associate Dean for Admissions)
 Lisa Christian, PhD (Medical Student Advocate)
- 2022 **Search Committee Member**
College of Medicine Associate Dean for Student Life

- 2021 – 2023 **Sub-Council for Health & Wellness: Wexner Medical Center & the James**
One University Health and Wellness, The Ohio State University
- 2021 – 2023 **Senate Steering Ad Hoc Committee on Bullying & Harassment**
The Ohio State University
- 2021 – 2023 **One University Health & Wellness Council**
The Ohio State University, Office of the Chief Wellness Officer
- 2021 – 2025 **Research Integrity Standing Committee (RISC)**
Ohio State University Office of Research Compliance
- 2019 – 2020 **FAME Mentorship Committee**
OSU College of Medicine, Office of Academic Affairs
- 2019 – 2020 **Faculty Co-Lead; Faculty Travel Dependent Childcare Initiative**
OSU College of Medicine
- September 2019 **Workshop Leader**
Strategies for Effective Communication in Mentoring
Tools of the Trade
Sponsored by the OSU Center for Clinical and Translational Science
- 2019 – 2020 **College of Medicine Investigation Committee (COMIC)**
The OSU Office of Research Compliance, The Ohio State University
- 2019 **Grant Reviewer**
OSU Center for Clinical and Translational Science TLI Award Study Section
- 2018 **Chair, Committee of Initial Inquiry (CII)**
Office of Research Compliance, The Ohio State University
- September 2018 **Workshop Leader**
Launching Your Biomedical Research Career
Tools of the Trade
Sponsored by the OSU Center for Clinical and Translational Science
- 2018 **Faculty Judge**
Annual OSUWMC Trainee Research Day
- 2016 – 2018 **Annual Seminar Guest Committee Member**
OSU College of Medicine Women in Science and Medicine (WIMS)
- 2015 – 2018 **Committee Member**
OSU Food Innovation Center Proposal Review Committee
- 2015 **Grant Reviewer**

OSU Center for Clinical and Translational Science I K Award Study Section

- 2013 – 2015 **Abstract Reviewer**
Edward F. Hayes Graduate Research Forum
- 2012 – 2014 **Faculty Judge**
OSUWMC Research Day
- July 2012 **Graduate Faculty Representative**
Dissertation Defense
Daniel Bower, Human Development and Family Sciences
- March 2012 **Workshop Leader**
Strategies for Effective Mentoring
Tools of the Trade
Sponsored by the OSU Center for Clinical and Translational Science
- 2010 – 2011 **Grant Reviewer**
OSU Center for Clinical and Translational Science Pilot Award Program
- 2010 – 2013 **Committee Member**
Lead. Serve. Inspire. OSU Medical School Curriculum Development Committee
Social and Behavioral Sciences Task Force Representative
Surgical & Reproductive Health Committee Member
- May 2010 **Faculty Judge**
Richard J. & Martha D. Denman Undergraduate Research Forum
- February 2010 **Faculty Evaluator**
Maximus Scholarship Competition
- 2010 – 2011 **Committee Member**
Center for Clinical and Translational Science Mentorship Workgroup
- November 2009 **Graduate Faculty Representative**
Dissertation Defense
Jennifer Stewart, Business Administration
- May 2009 **Faculty Judge**
Richard J. & Martha D. Denman Undergraduate Research Forum
- April 2009 **Team member**
OSUMC March for Babies Team (March of Dimes)

Department/Institute

- 2025 – present **IBBI Executive Committee**
- 2025 – present **SOAR Executive Committee**

- 2025 **Procedure's Oversight Designee**
Psychiatry & Behavioral Health
Promotion and Tenure Committee
- 2009 – present **Abstract/Presentation Judge**
Institute of Brain, Behavior, and Immunology Research Day
- 2018 – 2022 **Departmental Liaison**
FAME's Women in Medicine and Science (WIMS)
The Ohio State University College of Medicine
- 2017, 2019 **Member and Procedure Oversight Designee**
Tenure Track Subcommittee of the Promotion & Tenure Committee
Department of Psychiatry & Behavioral Health
- 2010, 2011, 2016 **Primary Coordinator**
Institute for Behavioral Medicine Research (IBMR) Research Day
- 2010 – 2011 **Committee Member**
Department of Psychiatry/Harding Hospital Strategic Planning Committee
- 2009, 2010 **Co-Coordinator**
Institute for Behavioral Medicine Research (IBMR) Research Day
- October 2008 **Psychiatry Department Representative**
Landacre Honor Society Research Fair

PROFESSIONAL AFFILIATIONS

The Academy of Behavioral Medicine Research (ABMR); Society for Biopsychosocial Science and Medicine (SBSM); Psychoneuroimmunology Research Society (PNIRS); Population Association of America (PAA) Biomarker Network; American Public Health Association (APHA)