

Vanessa J. Hux, M.D., F.A.C.O.G., M.S.C.P.

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Education and Training

- 06/2014 – 6/2018 The Ohio State University/Mt. Carmel Health Residency Program in Obstetrics and Gynecology - Columbus, OH
- *Resident Physician*
 - *Education Chief 2017-2018*
- 07/2009 - 05/2014 Vanderbilt University School of Medicine - Nashville, TN
- *Doctor of Medicine*
- 07/2012 - 05/2013 University of Pittsburgh Institute for Clinical Research and Education – Pittsburgh, PA
- *Graduate Certificate in Clinical Research*
- 08/2005 – 05/2009 Yale University - New Haven, CT
- *Bachelor of Science in Molecular Biophysics and Biochemistry*

Work Experience

- 5/2023 – present Lakeland Regional Health – Lakeland, FL
- **Obstetrician/Gynecologist:** Provide direct in-person patient care in ambulatory, inpatient, and surgical settings. Participate in instruction of rotating medical students. Serve as faculty lead for Family Medicine Residency Outpatient Gynecology Rotation.
- 2/2023 – 4/2023 Locum Tenens Physician – Multiple facilities
- **Mount Carmel East Hospital - Columbus, FL:** Provided in-house coverage of labor and delivery, emergency room, and inpatient services.
 - **Winter Haven Women’s Hospital – Winter Haven, FL:** Provided in-house coverage of OB ED, labor and delivery, emergency room, and inpatient services.
- 08/2018 – 9/2025 University of South Florida College of Medicine, Division of Specialists in General Obstetrics and Gynecology in the Department of Obstetrics and Gynecology- Tampa, FL
- *Collaborative assistant professor (12/2022- 9/2025):* Served as voluntary faculty member providing instruction of medical course and collaborating on research.
 - *Assistant professor (08/2018 – 12/2022):* Provided direct in-person and virtual patient care, supervise mid-level providers, participate in student and resident education, and conduct research within the division of general obstetrics and gynecology.

Current Licenses and Certifications

- 10/2025 – present Menopause Society Certified Practitioner (MSCP)
- 01/2023 – present National Certification Corporation Electronic Fetal Monitoring Certification
- 12/2022 – present Ohio State Medical Board – Medical License 35.147052 (exp 12/2026)
- 10/2022 – present AHA Advanced Life Support (exp 08/2026)

09/2022 – present AHA Basic Life Support (exp 08/2026)
03/2021 – present American Board of Obstetrics and Gynecology – Board-Certified Obstetrician
Gynecologist
06/2018 – present Florida State Medical Board – Medical License ME136804 (exp 01/2026)

Honors and Awards

03/2021 American Board of Obstetrics and Gynecology – Board-Certified Obstetrician
Gynecologist
03/2020 American Psychosomatic Society Young Investigators Colloquium Scholar – *Event
cancelled due to COVID-19 pandemic*
05/2019 University of South Florida Women’s Health Collaborative Foundation Seed Grant
Award Recipient
03/2014 American Psychosomatic Society Medical Student/Medical Resident/Medical Fellow
Travel Scholarship Award
03/2013 Student National Medical Association Physician Researcher Initiative Travel Award
07/2009 Dean’s Scholarship (renamed Cornelius Vanderbilt Scholarship in 2012)
04/2009 Unite for Sight Volunteer of the Year
01/2008 Science, Technology, and Research Scholars II Fellowship

Research Interests

Allostatic load and its association to adverse pregnancy outcomes and the postpartum period
Chronic stressors and reproductive health
Developmental origins of health and disease and life course perspective
Experiences of everyday, ethnic, and gender discrimination and their effects on reproductive health

Trainee Mentoring

Ayesha Khan (MCOM, Medical Student)
Yamini Mulla (MCOM, Medical Student)
Bradlie Nabours (COPH, MPH Candidate)
Alexandra Givner (MCOM, Medical Student)
Samantha Shepard, MA (Psychology)
Leah Bagiardi, MD (Quality Improvement, Ob/Gyn Resident)

Research Experience

2/2021 – 5/2023 University of South Florida, Department of Obstetrics and Gynecology
Project title: Experiences of Sexism Among Medical Students– Tampa, Florida

- *Role: Principal Investigator / Faculty Mentor*
- Collaborators: Alexandra Givner (medical student) and Kristen Salomon, PhD

10/2020 – 12/2022 University of South Florida, Department of Obstetrics and Gynecology
Project title: Exploring Unique Experiences / Needs of African American/Black Pregnant
Women– Tampa, Florida

- *Role: Principal Investigator*
- Collaborators: Kimberly Fryer, MD, MSCI, Abraham Salinas-Miranda, MD, PhD,
Kristen Salomon, PhD, and Stephanie Prescott, PhD

- Funding: USF Anti-Black Racism Grant

- 03/2019 – 12/2022 University of South Florida, Department of Obstetrics and Gynecology
Project title: Experiences of Discrimination Among Non-Pregnant and Pregnant Women – Tampa, Florida
- *Role: Principal Investigator*
 - Collaborators: Roneé Wilson, MPH, PhD and Kristen Salomon, PhD
 - Funding: USF Women’s Health Collaborative Seed Grant
- 01/2016 – 1/2018 The Ohio State University/ Nationwide Children’s Hospital, Resident Research Project – Columbus, Ohio
- *Resident Researcher*: Built database and analysis of pregnancy and behavioral outcomes in the Teen and Pregnant Clinic at Nationwide Children’s Hospital
Mentor: Kara Malone, MD
- 07/2012 – 06/2013 Doris Duke Clinical Research Fellowship and National Institute of Mental Health Medical Student Research Fellowship – Pittsburgh, PA
- *Research Fellow*: Worked on an interdisciplinary project on allostatic load, chronic stress, and adverse pregnancy outcomes.
Mentor: James M. Roberts, M.D.
Funding: Doris Duke Charitable Foundation and 5R25 MH054318-16
- 05/2010 – 05/2011 Emphasis Research Program-Nashville, TN
- *Student Researcher*: Completed a community-engaged research project on obesity prevention in pregnant Latinas and recruitment strategy effectiveness.
Mentor: Sabina Gesell, PhD
Funding: 5T35 DK007383-31
- 01/2008 – 05/2009 Science, Technology, and Research Scholars (STARS) II Program-New Haven, CT
- *Student Fellow*: Conducted research project to develop a new genomic methylation filtration technology for sequencing large, anonymous genomes.
Mentors: Stephen Dellaporta, PhD and Maria Moreno, PhD
- 06/2006 – 08/2006 Science, Technology, and Research Scholars (STARS) I Program-New Haven, CT
- *Student Researcher*: During summer program, examined the expression of green fluorescent protein (GFP)-tagged proteins from GFP insertions in non-coding sequences using reverse transcriptase-polymerase chain reaction and Western blots.
Mentor: Lynn Cooley, PhD

Medical Faculty Teaching Experience

- 7/2020 – 5/2024 University of South Florida College of Medicine – Medicine and Gender Scholarly Concentration
- *Faculty leader*: Participate in leadership team to facilitate curriculum in gender medicine for first through fourth year medical students.

- 10/ 2019 University of South Florida CAMLS Obstetrical Simulations Course
- *Course faculty*: Taught course and simulation of shoulder dystocia for professional educational course.
- 08/2018 – 12/2022 University of South Florida College of Medicine - Maternal Newborn Clerkship
- *Attending and Clinical Preceptor*: Faculty for third year medical student clerkship
- 08/2018 – 12/2022 University of South Florida College of Medicine – Surgical Care Clerkship
- *Attending and Clinical Preceptor*: Faculty for third year medical student clerkship

Professional Development

Perinatal Research Society Young Investigator Workshop. September 10-11, 2020. Virtual Workshop.
 NICHD Clinician Scientist Meeting. August 27-29, 2019. Potomac, Maryland.
 USF Faculty Scientific Writing Workshop. November 7, 2018. Tampa, Florida.

University Committees and Professional Service

- 11/2024 – present Florida Perinatal Quality Collaborative Obstetric Hemorrhage 2.0 (OHI 2.0) Initiative
- Physician Co-lead: Lead state-wide initiative to reduce severe maternal morbidity from obstetric hemorrhage and work on developing global aim, drivers, and materials for initiative to improve hospital readiness, recognition, and response to obstetric hemorrhage.
- 10/2022 – 12/2024 Florida Perinatal Quality Collaborative Mother-Focused Care (MFC) Initiative
- Advisory Group Member: Work on developing global aim and drivers and materials for state-wide initiative to improve reporting, identification, and incorporation of social determinants of health into improving quality of maternity care.
 - Physician Coach Mentor: Serve as coach for multiple hospital systems for quality improvement initiative to address social determinants of health in maternal care.
- 10/2021 – 10/2022 Florida Perinatal Quality Collaborative Postpartum Access and Continuity of Care (PACC) Initiative
- Advisory Group Member: Work on developing global aim and drivers and materials for state-wide initiative to improve maternal health through hospital-facilitated continuum of postpartum care.
- 06/2020 – 6/2021 Growing and Glowing
- Physician Contributor: Work with Public Good Projects on social media campaign to improve Black maternal health in the Tampa Bay Region.
- 01/2020 – 3/2021 Black Maternal Health Working Group
- *Organizer and member*: Formed group of individuals to focus on developing departmental events and strategic initiatives for addressing the black maternal mortality and morbidity crisis. Organized events and programming for Black Maternal Health Week.

- 07/2019 – 3/2021 American Psychosomatic Society Professional Education Committee
- *Committee Co-Chairperson*: Addressed programming and professional educational needs of the national membership. Provide additional guidance on needs of physician membership.
- 06/2019 – 1/2020 Tampa General Hospital Labor and Delivery External Cephalic Version Working Group
- *Working group member*: Improved process of scheduling, performing, and capturing external cephalic version on Labor and Delivery. Expanded ability to offer regional anesthesia to all patients undergoing procedure.
- 04/2019 – 12/2022 Florida Perinatal Quality Collaborative Promoting Primary Vaginal Deliveries (PROVIDE) Initiative
- *Physician Champion for Tampa General Hospital*: Currently work to promote and develop quality improvement initiatives in Labor and Delivery to reduce the rate of cesarean section among nulliparous women.
- 01/2019 – 12/2022 University of South Florida, Biomedical and Social-Behavioral Institutional Review Board
- *Alternate Board Member*: Currently serve as a consultant reviewer for non-obstetric studies including pregnant patients.
- 12/2018 – 12/2022 University of South Florida, Department of Obstetrics and Gynecology Scientific Review Committee
- *Member*: Participate in review of proposed departmental research.
- 09/2016 – 11/2016 Sentinel Event Working Group (Event 20560), The Ohio State University Medical Center
- *Group member*: Participated in interdisciplinary working group to analyze causal factors, to identify a root cause, and develop an action plan with risk reduction strategy in investigating an operating room sentinel event.
- 08/2009 – 04/2014 Student National Medical Association
- *Dines Fellow for the Physician Researcher Initiative (2013-2014)*: Coordinated national annual conference curriculum and developing a year-long national programming to increase interest in academic medicine among underrepresented minorities.
 - *Associate Regional Director (2011-2012)*: Coordinated activities and initiatives among chapters in Region 10 (Tennessee and Kentucky). Served as a member of the Region 10 Executive Board.
 - *Chapter Vice President (2010-2011)*: Coordinated community service activities. Created chapter committees focused on community service, minority medical student recruitment, and health disparities week and chaired community service committee.
- 12/2011 Events Staff Student Selection Committee
- *Committee Member*: Interviewed and provided input on selection of a new events staff member at Vanderbilt University School of Medicine.

- 10/2010 – 5/2011 Vandy Vision Mentoring Program
- *Project coordinator*: Created and managed collaborative project dedicated to providing information and mentoring support to high school students looking to become first-generation college students. Program earned funding from the SNMA National Community Service Grant and 1st place at the 2011 SNMA National Conference Community Service Forum.
- 04/2010 – 11/2010 Beyond Babies and Barr Bodies: Women's Health Week 2010
- *Co-coordinator*: Planned a week of school-wide events focusing on women's health issues and disparities.

Professional Organizations

American College of Obstetricians and Gynecologists, Fellow (2021), 2014 – present
American Psychosomatic Society, Member, 2019 – 2023
Menopause Society, Member, 2025 – present
Society for Academic Specialists in General Obstetrics and Gynecology 2017- 2023

Publications and Presentations

Peer-Reviewed Publications

Mover, K., **Hux, V.**, Lababidi, S., Peplinski, B., Crowsey, E. (2025). A pilot study into associations between cannabis use during pregnancy and severity and duration of nausea/vomiting, and antiemetic prescriptions. *Journal of Substance Use*, 1-4. <https://doi.org/10.1080/14659891.2025.2539859>.

Hux, V., Roberts, J.M., Okun, M.L (2017). Allostatic load in early pregnancy is associated with poor sleep quality. *Sleep Medicine*. 2017 May; 33: 85-90.

Hux, V. and Roberts, J.M. (2015). A Potential Role for Allostatic Load in Preeclampsia. *Maternal and Child Health Journal*. 2015 Mar; 19(3): 591-7.

Hux, V., Catov, J.M., Roberts, J.M. (2014). Allostatic Load in Women Reporting Low Birth Weight Infants in the National Health and Nutrition Examination Survey. *Journal of Women's Health*. 2014 Dec; 23 (12) 1039-45.

Gesell, S.B., Wallace, D., Tempesti T., **Hux, V.**, Barkin, S.L. (2012). Increasing Latino Parents' Verbal Interactions with Their Preschool-Aged Children. *ISRN Education*, vol. 2012, Article ID 652406, 9 pages, 2012. doi:10.5402/2012/652406.

Poster Presentations

Khan, A., Dabo, B., Salinas-Miranda, A., Salomon, K., and **Hux, V.** Microaggressions are associated with trauma symptoms in pregnant Black women. (March, 2023). Annual Meeting of the American Psychosomatic Society. San Juan, Puerto Rico.

Givner, A., Salomon, K., and **Hux, V.** Experiences of sexism among medical students (January, 2023). University of South Florida Health Research Day. Tampa, FL.

Mulla, Y., Shepard, S., and **Hux, V.** Experiences of discrimination are associated with risk for cesarean section. (May, 2022). American College of Obstetricians and Gynecologists Annual Clinical and Scientific Meeting. San Diego, CA.

Salomon, K., Wilson, R.E., and **Hux, V.** Experiences with Ambivalent Sexism Among Pregnant and Non-Pregnant Women. (March, 2022). Annual Meeting of the American Psychosomatic Society. Long Beach, CA.

Shepard, S., Salomon, K., and **Hux, V.** Social Support, but not Resilience, May Be A Protective Factor for Pregnant Individuals with Chronic Stressors. (December, 2020). Virtual Annual Meeting of the American Psychosomatic Society. Virtual Meeting.

Rollins, M., Louis-Jacques, A.F., Urmi, S.A., and **Hux, V.** Allostatic load and hair cortisol in a sample of healthy postpartum women. (March, 2020). Accepted for presentation at the Annual Meeting of the American Psychosomatic Society. *Meeting cancelled due to COVID-19 pandemic.*

Hux, V. and Louis, J. Allostatic load and inflammation are associated with disordered sleep in obese pregnant women. (March, 2019). Annual Meeting of the American Psychosomatic Society. Vancouver, British Columbia, Canada.

Pradhan, S., **Hux, V.**, Stetson, B., and Schaffir, J. (April, 2018). Intrauterine Fetal Demise (IUFD) in Non-Communicating Horn of Unicornuate Uterus: A Case Report. NASPAG Annual Clinical and Research Meeting. West Palm Beach, FL.

Hux, V., Chapman, C., and Malone, K. (April, 2018). Selection and post-partum placement of long-acting reversible contraceptives in a teen-specific prenatal clinic. NASPAG Annual Clinical and Research Meeting. West Palm Beach, FL.

Chapman, C., **Hux, V.**, and Malone, K. (April, 2018). Breastfeeding intent and attempt in a teen-specific prenatal care clinic. NASPAG Annual Clinical and Research Meeting. West Palm Beach, FL.

Hux, V., Roberts, J.M., and Okun, M.L. (March, 2014). Higher allostatic load in early pregnancy is associated with chronic stress and poorer sleep quality. Poster presentation. Annual Meeting of the American Psychosomatic Society. San Francisco, CA.

Hux, V., Roberts, J.M., and Okun, M.L. (November, 2013). Allostatic load in early pregnancy is associated with chronic stress and poorer sleep quality. Poster presentation. Perinatal Mental Health Meeting. Chicago, IL.

Hux, V. and Roberts, J.M. (November, 2013). A Potential Role for Stress and Allostatic Load in the Development of Preeclampsia. Poster presentation. Perinatal Mental Health Meeting. Chicago, IL.

Hux, V. and Roberts, J.M. (May, 2013). Is Chronic Stress Associated with Preeclampsia?. Poster presentation. 13th Annual Department of Psychiatry Research Day. Pittsburgh, PA.

Hux, V. and Roberts, J.M. (May, 2013). A Role for Allostatic Load in Preeclampsia. Poster presentation. 2013 Annual Research Day in Reproductive Biology and Women's Health. Pittsburgh, PA.

Hux, V. and Roberts, J.M. (May, 2013). The Potential Role of Allostatic Load in Preeclampsia. Poster presentation. Doris Duke Clinical Research Fellowship 2013 Meeting. Herndon, VA.

Hux, V., Catov, J.M., Roberts, J.M. (March, 2013). Allostatic Load in Women Reporting Low Birth Weight Infants in the National Health and Nutrition Examination Survey. Poster presentation. Annual Scientific Meeting of the Society for Gynecologic Investigation. Orlando, FL.

Hux, V., Escarfuller, J., Ruchman, E., Crook, A., Ferrell, K., Gesell, S.B. (April, 2011). Recruitment of Pregnant Latinas for Madre Sana, Bebé Sano, a Healthy Postpartum Weight Loss Randomized Controlled Trial. Poster presentation. Student National Medical Association Dr. Wilbert C. Jordan Student Research Forum. Indianapolis, IN.

Hux, V., Escarfuller, J., Ruchman, E., Crook, A., Ferrell, K., Gesell, S.B. (August, 2010). Recruitment of Pregnant Latinas for Madre Sana, Bebé Sano, a Healthy Postpartum Weight Loss Randomized Controlled Trial. Poster presentation. NIDDK Diabetes Research Centers Medical Student Research Symposium. Nashville, TN.

Departmental, Intramural, and Invited Presentations and Publications

Hux, V. (January, 2025). Take Control, Call the Shots: How to Proactively Manage Your Reproductive Health. Health in Her Hue Community Conversations. Invited speaker. Virtual.

Hux, V. (May, 2021). Made to Save Covid19 Vaccine Campaign. Invited featured video. Virtual.

Hux, V. (March, 2021). My Vaccine Choice: A Pregnant Ob/Gyn Shares Why She Got a Covid-19 Vaccine. ACOG Expert View Series. Invited column.

Hux, V. (February, 2021). Panelist. University of South Florida Institute on Black Life Annual Conference. Virtual Meeting. Tampa, FL.

Hux, V. (January, 2021). Maternal Mortality: Black, Pregnant, and Dying. Black Health Lit Podcast. Podcast Interview and Presentation. Virtual.

Hux, V. (November, 2020). An Introduction to Health Disparities in Obstetrics and Gynecology. Virtual Presentation. Tampa, FL.

Hux, V. (November, 2020). Inequities in Healthcare: A Spotlight on Women's Health. Tampa General Hospital Women's Health Webinar Series. Virtual Presentation. Tampa, FL.

Hux, V. (October, 2020). Black Maternal Health. BLOOM News Special. Segment Interview. Tampa, FL.

Hux, V. (April, 2020). Panelist. USF Health Facebook Live Event on National Minority Health Month. USF Health. Facebook Live Presentation. Tampa, FL.

Hux, V. (March, 2020). Moderator. Black Maternal Health Week Speaker Symposium. University of South Florida Department of Obstetrics and Gynecology. Virtual Presentation. Tampa, FL.

Hux, V. and Brennan, D (February, 2020). PROVIDE Webinar: Pre-Cesarean Checklists. Florida Perinatal Quality Collaborative. Virtual Event.

Hux, V. and Brennan, D. (January, 2020). PROVIDE 2.0 Launch Presentation. University of South Florida Department of Obstetrics and Gynecology. Tampa, FL.

Hux, V. (May, 2018). Biological Mechanisms of Persistent Health Disparities. The Ohio State University Department of Obstetrics and Gynecology Grand Rounds. Columbus, OH.

Hux, V. (December, 2017). Post-partum Behavioral Outcomes for Traditional Care and Centering Pregnancy Care Models in the Teen and Pregnant Clinic. The Ohio State University Department of Obstetrics and Gynecology Resident Research Day. Columbus, OH.

Hux, V. (March, 2017). Endometriosis in the Adolescent. Continuing Medical Education Presentation. Nationwide Children's Hospital Center for Colorectal and Pelvic Reconstruction Meeting. Columbus, OH.

Hux, V. (March, 2017). Morbidity and Mortality Presentation for the Antepartum Service. Presentation. The Ohio State University Morbidity and Mortality Conference. Columbus, OH.

Hux, V. (November, 2016). Morbidity and Mortality Presentation for the Gynecology Service. Presentation. The Ohio State University Morbidity and Mortality Conference. Columbus, OH.

Hux, V. (September, 2016). Morbidity and Mortality Presentation for the Gynecologic Oncology Service. Presentation. The Ohio State University Morbidity and Mortality Conference. Columbus, OH.

Hux, V. (June, 2013). A Potential Role for Stress and Allostatic Load in the Development of Preeclampsia (Younger investigators talk). Invited talk. Tox Talx Symposium on Preeclampsia. Mill Valley, CA.

Hux, V. (April, 2008). Volunteering in Tamale, Ghana. Invited talk. Unite for Sight Annual International Health and Development Conference. New Haven, CT.

Peer Reviewer

01/2017 – present Maternal and Child Health Journal

- *Ad hoc reviewer*