

## CURRICULUM VITAE

### Margaret Hanson Bublitz, PhD

**Business Address** Women's Medicine Collaborative  
The Miriam Hospital  
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Providence, RI 02904

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### EDUCATION

**B.A.** **Hamilton College**, Clinton, New York  
9/1998-5/2002 *Major:* Psychology  
Phi Beta Kappa  
*Senior Thesis Advisor:* Greg Price, PhD

**M.A.** **University of British Columbia**, Vancouver, BC, Canada  
9/2003-11/2005 *Area:* Clinical/Health Psychology  
*Advisor:* Edith Chen, PhD

**Ph.D.** **University of British Columbia**, Vancouver, BC, Canada  
11/2005-11/2010 *Area:* Clinical/Health Psychology  
*Advisor:* Edith Chen, PhD

### POSTGRADUATE TRAINING

7/2009-6/2010 **Clinical Psychology Internship**  
Behavioral Medicine Track  
Alpert Medical School of Brown University, Providence, Rhode Island  
*Mentor:* Laura Stroud, PhD

8/2010-8/2012 **Postdoctoral Fellowship**  
NIH T32 Fellowship from NHLBI and Brown University  
Alpert Medical School of Brown University, Providence, Rhode Island  
*Mentor:* Laura Stroud, PhD

2/2023-5/2023 **Brown Physicians Inc Leadership Academy**  
Cohort 8 graduate

### HONORS AND AWARDS

2001 Hamilton College Senior Research Fellow

2001 Hamilton College B.F. Skinner Prize for undergraduate research

2001 New York State Women's Athletic Association Scholar-Athlete

2002	Elihu Root Fellowship for female Hamilton College graduates
2002	National Collegiate Athletic Association (NCAA) Post-Graduate Scholarship
2002-2003	NIH Post baccalaureate Intramural Research Training Award
2005	British Columbia Medical Services Foundation Summer Research Scholarship
2005	University of British Columbia University Graduate Fellowship
2007	University of British Columbia Psychology Department Travel Award
2007	Jean MacDonald Graduate Fellowship
2007	University of British Columbia University Graduate Fellowship
2007-2009	Izaak Walton Killam Doctoral Scholarship
2008-2009	Human Early Learning Partnership (HELP) Dissertation Award
2018	CHEST Foundation Travel Award
2022	Brown Early Career Research Achievement Award, Brown University
2022	Society of Behavioral Medicine Abstract Citation Award
2023	Betty Marcus Women's Health Endowment Fund Award

### **PROFESSIONAL LICENSES**

**2012-present**      **Licensed Psychologist**, Rhode Island License: PS01319

### **ACADEMIC APPOINTMENTS**

**8/2012-6/2014**      **Instructor (Research)**  
 Department of Psychiatry and Human Behavior  
 Alpert Medical School of Brown University, Providence, Rhode Island

**6/2014-11/2019**      **Assistant Professor (Research)**  
 Department of Psychiatry and Human Behavior  
 Alpert Medical School of Brown University, Providence, Rhode Island

**8/2015-11/2019**      **Assistant Professor (Research)**  
 Department of Medicine  
 Alpert Medical School of Brown University, Providence, Rhode Island

**12/2019-06/2023**      **Assistant Professor Research Scholar**  
 Department of Psychiatry and Human Behavior  
 Alpert Medical School of Brown University, Providence, Rhode Island

**12/2019-06/2023**      **Assistant Professor Research Scholar**  
 Department of Medicine  
 Alpert Medical School of Brown University, Providence, Rhode Island

**08/2022-06/2023**      **Assistant Professor Research Scholar**  
 Behavioral and Social Sciences  
 Brown University School of Public Health, Providence, Rhode Island

**7/2023-**                      **Associate Professor Research Scholar**  
 Department of Psychiatry and Human Behavior  
 Alpert Medical School of Brown University, Providence, Rhode Island

**7/2023-**                      **Associate Professor Research Scholar**  
 Department of Medicine  
 Alpert Medical School of Brown University, Providence, Rhode Island

**7/2023-**                      **Associate Professor Research Scholar**  
 Behavioral and Social Sciences  
 Brown University School of Public Health, Providence, Rhode Island

**HOSPITAL APPOINTMENTS**

**8/2012-11/2019**      **Research Scientist**  
**The Miriam Hospital**, Providence, Rhode Island

**5/2015-present**      **Staff Psychologist**  
**The Miriam Hospital**, Providence, Rhode Island

**11/2019-present**      **Senior Research Scientist**  
**The Miriam Hospital**, Providence, Rhode Island

**OTHER APPOINTMENTS**

**1999-2002**                      Student Athlete Advisory Committee, Hamilton College

**1998-2002**                      Psi Chi Society Member, Hamilton College

**2016-2021**                      Data Safety Monitoring Board Member, National Heart, Lung and Blood Institute (R01HL130702; PI: Bourjeily) *Predictors of de novo development of obstructive sleep apnea in pregnancy.*

**2012-present**                      Psychology Internship Didactic Committee member, Brown University

**2015-present**                      Psychology Internship Training Committee member, Brown University

**2017-present**                      Senior Investigator  
 Brown Center for Mindfulness  
 Brown University School of Public Health, Providence, Rhode Island

- 2018-present**      Research Member  
 Research Institute for Stress, Trauma, and Resilience (STAR)  
 Alpert Medical School of Brown University, Providence, Rhode Island
- 2021-present**      Associate Director of Research, Women’s Medicine Collaborative  
 The Miriam Hospital, Providence, Rhode Island
- 2023-present**      Office of Women in Medicine and Science Board Member  
 Division of Biology and Medicine, School of Public Health  
 Brown University

**UNIVERSITY COMMITTEES**

- 2019-2022**      Medical Faculty Executive Committee Member  
 Alpert Medical School of Brown University, Providence, Rhode Island

**MEMBERSHIPS IN SOCIETIES**

- 2004-2010**      American Psychosomatic Society
- 2005-2007**      Society of Behavioral Medicine
- 2011-2012**      Society for Research on Child Development
- 2012-2013**      International Society for Psychoneuroendocrinology
- 2016-2018**      North American Society for Obstetric Medicine
- 2018-2020**      CHEST Society
- 2020-2021**      International Society for Traumatic Stress Studies
- 2016-present**      Marcé Society of North America (MONA) for Perinatal Mental Health

**PROFESSIONAL SOCIETY APPOINTMENTS**

- 2020-2021**      Co-Chair, Research Workshop Series  
 Lebanese University Medical School
- 2020-2021**      Committee Member  
 International Society for Traumatic Stress Studies  
 Public Information and Education Selection Task Force Member

**JOURNAL REVIEWER**

**AD-HOC REVIEWER**

- Child Development  
 Health Psychology

Psychoneuroendocrinology  
Annals of Behavioral Medicine  
Biological Psychology  
Biological Psychiatry  
Psychosomatic Medicine  
Behavioral Sleep Medicine  
Acta Psychopathologica  
Hormones and Behavior  
SLEEP  
BMC Pregnancy and Childbirth  
Stress  
Translational Behavioral Medicine (special issue)  
Archives of Women's Mental Health  
Birth  
PLOS One  
Australian and New Zealand Journal of Obstetrics and Gynecology  
Development and Psychopathology  
Nature and Science of Sleep  
Journal of Clinical Medicine  
Psychological Medicine  
BJOG: An International Journal of Obstetrics and Gynecology  
Comprehensive Psychiatry  
American Journal of Epidemiology

### **GRANT REVIEWER**

**2012-2017**                      Loan Repayment Program (LRP)  
   National Institute of Child Health and Development

**2019**                              Invited Reviewer - Israel Science Foundation, Personal Research Grants

**2021**                              Invited Reviewer - CardioPulmonary Vascular Biology COBRE Pilot  
   Projects

### **PUBLICATION LIST**

#### **ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS**

1.     Chen, E., **Hanson, M.D.**, Paterson, L.Q., Walker, H.A., Griffin, M.J., & Miller, G.E. (2006). Socioeconomic status and inflammatory processes in children with asthma: The role of psychological stress. *Journal of Allergy and Clinical Immunology*, *117*, 1014-1020.

2. **Hanson, M.D.** & Chen, E. (2007). Socioeconomic status, race, and body mass index: The mediating role of physical activity and sedentary behaviors during adolescence. *Journal of Pediatric Psychology*, 3, 250-259.
3. **Hanson, M.D.** & Chen, E. (2007). Socioeconomic status and substance use behaviors in adolescents: The role of family resources versus family social status. *Journal of Health Psychology*, 12, 32-35.
4. **Hanson, M.D.** & Chen, E. (2007). Socioeconomic status and health behaviors in adolescence: A review of the literature. *Journal of Behavioral Medicine*, 30, 263-285.
5. **Hanson, M.D.** & Chen, E. (2008). The temporal relationships between sleep, cortisol, and lung functioning in youth with asthma. *Journal of Pediatric Psychology*, 33, 312-316.
6. Dunn, E.W., Ashton-James, C.E., **Hanson, M.D.**, & Aknin, L.B. (2010). On the costs of self-interested economic behavior: How does stinginess get under the skin? *Journal of Health Psychology*, 4, 627-633.
7. **Hanson, M.D.** & Chen, E. (2010). Daily stress, cortisol, and sleep: The moderating role of childhood psychosocial environments. *Health Psychology*, 29, 394-402.
8. **Bublitz, M.H.** & Stroud, L.R. (2012). Maternal smoking during pregnancy and offspring brain structure and function: Review and agenda for future research. *Nicotine and Tobacco Research*, 14 (4), 388-397. \*\*Cited in Surgeon General's Report on Tobacco 2014 (<http://www.surgeongeneral.gov/library/reports/50-years-of-progress/full-report.pdf>)
9. **Bublitz, M.H.** & Stroud, L.R. (2012). Childhood sexual abuse is associated with cortisol awakening response over pregnancy: Preliminary findings. *Psychoneuroendocrinology*, 37 (9), 1425-1430.
10. **Bublitz, M.H.** & Stroud, L.R. (2013). Maternal history of child abuse moderates the association between daily stress and cortisol over pregnancy: A Pilot Study. *Stress*, 16 (6), 706-710.
11. Magee, S.R., **Bublitz, M.H.**, Orazine, C., Brush, B.\*, Salisbury, A., Niaura, R., & Stroud, L.R. (2014). The relationship between maternal-fetal attachment and cigarette smoking over pregnancy. *Maternal Child Health Journal*, 18 (4), 1017-1022.
12. **Bublitz, M.H.**, Rodriguez, D., Gobin, A.P., Waldemore, M., Magee, S., & Stroud, L.R. (2014). Maternal history of adoption or foster care placement in childhood: A risk factor for preterm birth. *American Journal of Obstetrics and Gynecology*, 211 (4), 397 e1-6.
13. Aubuchon-Endsley, N.\*, **Bublitz, M.H.**, & Stroud, L.R. (2014). Pre-pregnancy obesity and maternal circadian cortisol regulation: Moderation by gestational weight gain. *Biological Psychology*, 102, 38-43.

14. **Bublitz, M.H.**, Parade, S.P., & Stroud, L.R. (2014). The effects of childhood sexual abuse on cortisol trajectories in pregnancy are moderated by current family functioning. *Biological Psychology, 103*, 152-157.
15. Massey, S.H., **Bublitz, M.H.**, Magee, S.R., Salisbury, A., Niaura, R.S., Wakschlag, L.S., & Stroud, L.R. (2015) Maternal-fetal attachment differentiates patterns of prenatal smoking and exposure. *Addictive Behaviors, 45*, 51-56.
16. **Bublitz, M.H.**, Vergara-Lopez, C.\*, O'Reilly Treter, M.\*, & Stroud, L.R. (2016). Association of lower socioeconomic position in pregnancy with lower diurnal cortisol production and lower birthweight in male infants. *Clinical Therapeutics, 38* (2), 265-274.
17. **Bublitz, M.H.**, Bourjeily, G., Vergara-Lopez, C.\*, & Stroud, L.R. (2016). Momentary stress, cortisol, and gestational length among pregnant victims of childhood maltreatment: A pilot study. *Obstetric Medicine, 9* (2), 73-77.
18. Vergara-Lopez, C.\*, Chaudoir, S.R., **Bublitz, M.**, O'Reilly Treter, M.\*, & Stroud, L.R. (2016). The influence of maternal care and overprotection on youth adrenocortical stress response: A multiphase growth curve analysis. *Stress, 19* (6), 567-575.
19. Aubuchon-Endsley, N.\*, Morales, M., Giudice, C., **Bublitz, M.H.**, Lester, B.M., Salisbury, A., & Stroud, L.S. (2017). Maternal pre-pregnancy obesity and gestational weight gain influence neonatal neurobehavior. *Maternal & Child Nutrition, 13* (2), e12317.
20. **Bublitz, M.**, De La Monte, S., Martin, S., Larson, L., & Bourjeily, G. (2017). Childhood maltreatment and inflammation among pregnant women with gestational diabetes mellitus: A pilot study. *Obstetric Medicine, 10* (3), 120-124.
21. Bourjeily, G., Danilack, V.A., **Bublitz, M.H.**, Lipkind, H., Muri, J., Caldwell, D., Tong, I., & Rosene-Montella, K. (2017). Obstructive sleep apnea is associated with adverse maternal outcomes: A national cohort. *Sleep Medicine, 38*, 50-57.
22. **Bublitz, M.H.**, Bourjeily, G., D'Angelo, C.\*, & Stroud, L.R. (2018). Maternal sleep quality and diurnal cortisol regulation over pregnancy. *Behavioral Sleep Medicine, 16* (3), 282-293.
23. **Bublitz, M.H.**, Monteiro, J.F., Caraganis, A., Martin, S., Parker, J., Larson, L., Miller, M.A., & Bourjeily, G. (2018). Obstructive sleep apnea in gestational diabetes: A pilot study of the role of the hypothalamic pituitary adrenal axis. *Journal of Clinical Sleep Medicine, 14* (1), 87-93.
24. Lanis, A., Kerns, E., Hu, S.L., **Bublitz, M.H.**, Risica, P., Martin, S., Parker, J., Millman, R., Dworkin, L.D., & Bourjeily, G. (2018). Residual renal function and obstructive sleep apnea in peritoneal dialysis: A pilot study. *Lung, 196* (4), 425-431.
25. **Bublitz, M.H.**, Carpenter, M., Amin S., Okun, M.L., Millman, R., De La Monte, S.M., & Bourjeily, G. (2018). The role of inflammation in the association between gestational diabetes and obstructive sleep apnea: A pilot study. *Obstetric Medicine, 11* (4), 186-191.

26. **Bublitz, M.H.**, Bourjeily, G., Bilodeau, C., & Stroud, L.R. (2019). Maternal circadian cortisol mediates the link between prenatal distress and breastfeeding. *Stress*, 22 (1), 53-59.
27. Parade, S.H., Newland, R.P., **Bublitz, M.H.**, & Stroud, L.R. (2019). Maternal witness to intimate partner violence during childhood and prenatal family functioning alter newborn cortisol reactivity. *Stress*, 22 (2): 190-199.
28. **Bublitz, M.H.**, Nillni, Y., Livingston, Z., Carpenter, M., & Salmoirago-Blotcher, E. (2019). Phone-delivered mindfulness training for pregnant women at risk for preterm birth. *Journal of Alternative and Complementary Medicine*, 25 (4), 444-445.
29. Link, B.N., Eid, C., **Bublitz, M.H.**, Pengo, M.F., Salameh, M., Ludwig, K.S., Millman R.P., Dworkin, L., & Bourjeily, G. (2019). Pulse transit time in pregnancy: a new way to diagnose and classify sleep disordered breathing? *Sleep*, 42 (5), zsz022.
30. Bourjeily, G., Chambers, A., Salameh, M., **Bublitz, M.H.**, Kaur, A., Coppa, A., Risica, P., & Lambert-Messerlian, G. (2019). Anthropometric measures and prediction of maternal sleep disordered breathing. *Journal of Clinical Sleep Medicine*, 15 (6), 849-856.
31. **Bublitz, M.H.**, Carpenter, M., & Bourjeily, G. (2020). Preterm birth disparities between states in the United States: An opportunity for public health interventions. *Journal of Psychosomatic Obstetrics and Gynaecology*, 41 (1), 38-46.
32. Malhamé, I., **Bublitz, M.H.**, & Bourjeily, G. (2020). The challenge of screening for obstructive sleep apnea in pregnancy. *Annals of the American Thoracic Society*, 16 (10), 1242-1244.
33. Bourjeily, G., Danilack, V.A., **Bublitz, M.H.**, Muri, J., Rosene-Montella, K., & Lipkind H. (2020). Maternal obstructive sleep apnea and neonatal birth outcomes in a population based sample. *Sleep Medicine*, 66, 233-240.
34. Sanapo, L., **Bublitz, M.H.**, & Bourjeily, G. (2020). Sleep disordered breathing, a novel, modifiable risk factor for hypertensive disorders of pregnancy. *Current Hypertension Reports*, 22 (4), 28.
35. Stroud, L.R., **Bublitz, M.H.**, Crespo, F.A., Lester, B., & Salisbury, A.L. (2020). Maternal smoking in pregnancy, fetal activity & newborn behavioral state: An observational ultrasound study. *Neurotoxicology & Teratology*, 81, 106894.
36. **Bublitz, M.H.**, Salameh, M., Sanapo, L., & Bourjeily, G. (2020). Exploring fetal sex as a risk factor for sleep disordered breathing and its complications in pregnancy. *Gender and Genome*, Jan-Dec, 4:10.
37. **Bublitz, M.H.**, Ward, L.G.\*, Simoes, M., Stroud, L.R., Salameh, M., & Bourjeily, G. (2020). Maternal history of adverse childhood experiences and ambulatory blood pressure in pregnancy. *Psychosomatic Medicine*, 82 (8), 757-763.



38. **Bublitz, M.H.**, Sharp, M., Sanapo, L., Nugent, N., Sharkey, K. & Bourjeily, G. (2021). Sleep disordered breathing measures in early pregnancy are associated with depressive symptoms in late pregnancy. *Diagnostics*, *11* (5), 858.
39. Vergara-Lopez, C., **Bublitz, M.H.**, Mercado, N., Ziobrowski, H., Gomez, A., & Stroud, L.R. (2021). Early life stress and latent trait cortisol in adolescent girls: A prospective examination. *Stress*. *24* (6),1075-1081.
40. **Bublitz, M.H.**, Freeburg, T., Sharp, M., Salameh, M., & Bourjeily, G. (2022). Childhood adversity, prenatal depression, and maternal inflammation over pregnancy. *Obstetric Medicine*, *15* (1), 25-30.
41. Maxwell, M., Sanapo, L., Monteiro, K., **Bublitz, M.H.**, Avelos, A., Habr, N. & Bourjeily, G. (2022). Impact of nasal dilator strips on measures of sleep disordered breathing in pregnancy. *Journal of Clinical Sleep Medicine*. *18* (2), 477-483.
42. Sanapo, L., **Bublitz, M.H.**, Bai, A., Mehta, N., Messerlian, G., Catalano, P. & Bourjeily, G. (2022). Association between sleep disordered breathing in early pregnancy and glucose metabolism. *Sleep*. *45* (4), zsab281.
43. Clark Donat, L.E., Reynolds, J., **Bublitz, M.H.**, Flynn, E., Friedman, L. & Fox, S.D. (2022). The effect of a brief mindfulness-based intervention on pain perceptions in women with chronic pelvic pain: A case series. *Case Reports in Women's Health*. *33*, e00380.
44. **Bublitz, M.H.**, Kelsey, K., Butler, R. & Bourjeily, G. (2022). Maternal history of childhood maltreatment is associated with diurnal cortisol and DNA methylation of placenta 11 beta hydroxysteroid dehydrogenase type 2. *Obstetric Medicine*. March.
45. Ayala NK, Whelan AR, Recabo O, Cersonsky TEK, **Bublitz MH**, Sharp MC, Lewkowitz AK (2022). Dispositional Optimism, Mode of Delivery, and Perceived Labor Control among Recently Delivered Parturients. *Am J Perinatol*, Epub ahead of print.
46. Vergara-Lopez, C., Sokol, N., **Bublitz, M.H.**, Mercado, N., Gomez, A., Silk, J.S., & Stroud, L.R. (2022). Exploring the impact of maternal and paternal acceptance on girls' emotion regulation. *Child Psychiatry and Human Development*. Epub ahead of print.
47. **Bublitz, M.H.**, Swain, J. Lustig, S.\*, & Dickstein, D. (2022). Maternal history of childhood maltreatment and brain responses to infant cues across the postpartum period. *Child Maltreatment*. Epub ahead of print.
48. Lee, S.\*, Vergara-Lopez, C., **Bublitz, M.H.**, Gaffey, A.E.\*, D'Angelo, C. & Stroud, L.S. (2022). Adolescent girls' cardiovascular responses to peer rejection: Exploring the impact of early life stress. *Journal of Behavioral Medicine*. Epub ahead of print.
49. **Bublitz, M.H.**, Nillni, Y. Nugent, N.R., Sanapo, L., Habr, N. & Bourjeily, G. (2022). Post-traumatic stress disorder, diurnal cortisol, and ambulatory blood pressure in early and late pregnancy. *Journal of Traumatic Stress*. 1-8.

50. Huffhines, L.\*, **Bublitz, M.H.**, Coe, J.L., Seifer, R. & Parade, S. (2022). Maternal early life experiences, hypertensive disorders of pregnancy, and parenting. *Infant Behavior and Development*. 69.
51. Malhame, S., **Bublitz, M.H.**, Wilson, D., Sanapo, L., Rochin, E. & Bourjeily, G. (2022). Sleep disordered breathing and the risk of severe maternal morbidity in women with preeclampsia: a population-based study. *Pregnancy Hypertension*. 30, 215-220.
52. **Bublitz, M.H.**, Adra, N. Hijazi, L., Shaib, F., Attarian, H. & Bourjeily, G. (2022). A narrative review of sex and gender differences in sleep disordered breathing: Gaps and opportunities. *Life*. 12 (12), 2003.
53. **Bublitz, M.H.**, Salmoirago-Blotcher, E., Sanapo, L., Ayala, N., Mehta, N. & Bourjeily, G. (2023). Feasibility, acceptability, and preliminary effects of mindfulness training on antenatal blood pressure. *Journal of Psychosomatic Research*. Feb;165:111146.
54. Ash, T., Sanapo, L., **Bublitz, M.H.**, Bourjeily, G., Salisbury, A., Petrillo, S. & Risica, P. (2023). A systematic review of studies examining associations between sleep characteristics with dietary intake and eating behaviors during pregnancy. *Nutrients*. 15 (9), 2166.
55. Ward, L.G., **Bublitz, M.H.**, Sokol, N., Brown, S. & Stroud, L.R. (2023). Experiences of maltreatment in childhood are associated with increasing anxiety and lower body acceptance over pregnancy. *Journal of Psychosomatic Research*. Jun 14; 172: 111414.
56. Stroud, L.R., Morningstar, M., Vergara-Lopez, C., **Bublitz, M.H.**, Lee, S.Y., Sanes, J.N., Dahl, R.E., Silk, J.S., Nelson, E.E., Dickstein, D.P. (2023). Neural activation to peer acceptance and rejection in relation to concurrent and prospective depression risk in adolescent girls. *Biological Psychology, Special Issue, Psychophysiology and affective processing across the lifespan: Pathways to psychopathology*. Jul; 181:108618.
57. Bourjeily, G., Sanapo, L., Messerlian, G., **Bublitz, M.H.**, Hott, B.R., Guillen, M., Aldana, A., Avalos, A., Sequeira, T., Felber, C., Brosnan, C., Zarif, T.E. & McCool, D. (2023). A longitudinal study of respiratory mechanics in pregnancy in women with obesity and overweight. *Lung*. Jul 8.
58. **Bublitz, M.H.**, Anderson, M.R., Sanapo, L., Scarfo, V.N. & Bourjeily, G. (in press). Symptoms of posttraumatic stress disorder are associated with altered glucose parameters in early and late gestation. *American Journal of Perinatology*.
59. Unger, K., Sanapo, L. Bourjeily, G., Salmoirago-Blotcher, E. & **Bublitz, M.H.** (in press). The Impact of Mindfulness Treatment on Maternal Inflammation and Fetal Neurodevelopment. *Journal of Integrative and Complementary Medicine*.
60. Sanapo, L., Hackethal, S., **Bublitz, M.H.**, Sawyer, K.F., Garbazza, C., Nagasunder, A., Gonzales, M. & Bourjeily, G. (in press). Maternal sleep disordered breathing and offspring growth outcome: a systematic review and meta-analysis. *Sleep Medicine Reviews*.

## **NON-PEER REVIEWED PUBLICATIONS**

1. **Bublitz, M.H.** & Bourjeily, G. (2017). Sleep disordered breathing in pregnancy and adverse maternal outcomes: a true story? Editorial in *US Respiratory & Pulmonary Diseases*, 2 (1): 19-20.
2. Nugent, N., Langinrichsen-Rohling, J., Brown, A., **Bublitz, M.H.**, Cogan, C., Karatzian, T., Wells, S., Womersley, J., & Zielinski, M. (2020). Public information and education selection task force recommendations. *International Society for Traumatic Stress Studies*.
3. **Bublitz M.H.** & Tuuli M.G. (2021). Mindfulness-based stress reduction, Mediterranean diet, and fetal growth. Invited editorial for *Journal of the American Medical Association*. 326(21):2137–2138.
4. **Bublitz M.H.** & Bourjeily G. (2022). Timing is everything: snoring onset and blood pressure trajectories in pregnancy. Invited editorial for the *Journal of Clinical Sleep Medicine*. Jan 1;18(1):3-4.
5. **Bublitz, M.H.** & Nillni, Y. (2023). Offbeat: PTSD symptoms and disrupted blood pressure patterns in pregnancy. Blog post for *International Society for Traumatic Stress Studies (ISTSS)*.

## **BOOKS OR BOOK CHAPTERS**

1. Murali, R., **Hanson, M.D.** & Chen, E. (2007). Psychological stress and its relationship to cytokines and inflammatory diseases. In Plotnikoff, N.P., Faith, R.E., Murgo, A.J. & Good, R.A. (Eds.), *Cytokines, Stress and Immunity*. Florida: CRC Press.

## **PUBLICATIONS CURRENTLY IN PROGRESS OR PREPARATION**

1. Suzuki, K., **Bublitz, M.**, Arimitsu, T. & Proulx, J. (under review). Feasibility of an online mindfulness-based program for mothers of NICU graduates in Japan. *Journal of Obstetric, Gynecologic & Neonatal Nursing*.
2. Fain, A.C., Cersonsky, T.E.K., **Bublitz, M.H.**, Lewkowitz, A.K., Werner, E.F., Miller, E.S. & Ayala, N.K. (under review). Trait Mindfulness in Early Pregnancy and Adverse Perinatal Outcomes. *BMC Pregnancy and Childbirth*.
3. Lee, S. Y., Jao, N.C., Gaffey, A. E., Reid, B. M., Vergara-Lopez, C., **Bublitz, M. H.**, & Stroud, L. R. (R&R). Adolescent girls' early life stress and body mass index: Differential effects of anger and anxiety in response to rejection. *Journal of Adolescence*.
4. **Bublitz, M.H.**, Vergara-Lopez, C., & Bourjeily, G. (in progress). Testing fetal sex as a predictor of sleep disordered breathing and associated pregnancy complications in a national perinatal cohort.

5. Ward, L.G., Pomerantz, M., Sharp, M. Guthrie, K. & **Bublitz, M.H.** (in progress). Interoceptive awareness as a mechanism linking prenatal mindfulness training to blood pressure reduction.

## **ABSTRACTS**

1. **Hanson, M.D.** & Chen, E. (2004). Risk taking, health-compromising behaviors, and adolescents: Associating biology and behavior. Poster presented at the annual meeting of the American Psychosomatic Society, Orlando, FL.
2. **Hanson, M.D.** & Chen, E. (2005). Socioeconomic status, race, and body mass index: The mediating role of physical activity and sedentary behavior during adolescence. Poster presented at the annual meeting of the Society of Behavioral Medicine, Boston, MA.
3. **Hanson, M.D.** & Chen, E. (2005). Socioeconomic status and substance use behaviors in adolescents: The role of family resources versus family prestige. Poster presented at the Annual meeting of the American Psychosomatic Society, Vancouver, BC, Canada.
4. **Hanson, M.D.** & Chen, E. (2006). The effects of chronic stress and sleep on pulmonary functioning in children with asthma. Poster presented at the annual meeting of the American Psychosomatic Society, Denver, CO.
5. **Hanson, M.D.** & Chen, E. (2006). Chronic stress, health risk behaviors, and pulmonary functioning in youth with asthma. Poster presented at the International Conference of Behavioral Medicine, Bangkok, Thailand.
6. **Hanson, M.D.** & Chen, E. (2008). Sleep, coping, and cortisol in healthy youth. Poster presented at the annual meeting of the American Psychosomatic Society, Baltimore, MD.
7. **Hanson, M.D.** & Chen, E. (2009). Examining the effects of socioeconomic status on daily stress, sleep, and health symptoms. Abstract and oral presentation given at the Annual meeting of the American Psychosomatic Society, Chicago, IL
8. Stroud, L.R., **Bublitz, M.H.**, McCallum, M.E., Salisbury, A., Lester, B., Padbury, J. & Marsit, C. (2010). Methylation of placental glucocorticoid receptor gene (NR3C1) as a mediator of links between maternal smoking and infant neurobehavior. Poster presented at the New York Academy of Sciences, Behavioral Epigenetics Conference, University of Massachusetts, Boston, MA.
9. **Bublitz, M.H.** & Stroud, L.R. (2010). Child abuse and adult depression in pregnant mothers: Links to circadian cortisol. Abstract and oral presentation at the Annual Meeting of the American Psychosomatic Society, Portland, OR.
10. Deutsch-Link, S., **Bublitz, M.H.**, Padbury, J. & Stroud, L.R. (2011). 11 $\beta$ -HSD2 placental gene expression predicts infant cortisol levels and neurobehavioral outcomes. Poster presented at the International Society for Developmental Psychobiology, Washington, DC.

11. Brush, B., **Bublitz, M.H.** & Stroud, L.R. (2011). Gender differences in the association between cortisol stress response and internalizing symptoms. Poster presented at the International Society for Developmental Psychobiology, Washington, DC.
12. **Bublitz, M.H.** & Stroud, L.R. (2011). Transgenerational effects of maternal child abuse on cortisol reactivity. Poster presented at the annual meeting of the Society for Research on Child Development, Montreal, Quebec, Canada.
13. **Bublitz, M.H.** & Stroud, L.R. (2012). Maternal history of child sexual abuse moderates the association between daily stress and diurnal cortisol in pregnancy. Abstract and oral presentation given at the annual meeting of the International Society for Psychoneuroendocrinology, New York, NY.
14. **Bublitz, M.H.**, Borrelli, B., Dunsiger, S., Wagner, T., Papandonatos, G.D., Niaura, R., Salisbury, A., Lester, B. & Stroud, L.R (2012). Maternal child sexual abuse history predicts risky health behaviors over pregnancy. Poster presented at the annual meeting of the American Psychosomatic Society, Athens, Greece.
15. **Bublitz, M.H.**, Borrelli, B., Dunsiger, S., Wagner, T., Papandonatos, G.D., Niaura, R., Salisbury, A., Lester, B., & Stroud, L.R (2012). Child sexual abuse history predicts greater weekly drinking and smoking over pregnancy. Poster presented at the North American Society of Obstetrics and Gynecology, Providence, RI.
16. **Bublitz, M.H.** & Stroud, L.R. (2012). Family functioning moderates links between childhood sexual abuse and cortisol awakening response over pregnancy. Abstract and oral presentation given at the Annual meeting of the Society for Research on Child Development, Seattle, WA.
17. **Bublitz, M.H.** & Stroud, L.R. (2013). Biobehavioral mechanisms linking maternal history of adoption or foster care placement to preterm birth. Poster presented at Brown Medical School Department of Psychiatry and Human Behavior Research Day, Providence, RI.
18. Aubuchon-Endsley, N.\*, **Bublitz, M.H.** & Stroud, L.R (2013). Pre-pregnancy obesity, gestational weight gain, and maternal circadian cortisol. Poster presented at the annual meeting of the Society for Research on Child Development, Seattle, WA.
19. Parade, S., **Bublitz, M.H.** & Stroud, L.R. (2013). Domestic violence in the mother's family of origin predicts infant HPA axis functioning over the first 30 days : Moderated effects. Abstract and oral presentation given at the annual meeting of the Society for Research on Child Development, Seattle, WA.
20. D'Angelo, C.M.\*, **Bublitz, M.H.** & Stroud, L.R. (2014). Negative mood predicts increased neuroendocrine stress response to peer rejection stressor for girls but not boys. Poster presented at the 2014 Association for Behavioral and Cognitive Therapies Annual Convention, Philadelphia, PA.

21. D'Angelo, C.M.\*, **Bublitz, M.H.** & Stroud, L.R. (2014). Negative mood predicts increased neuroendocrine stress response to peer rejection stressor for girls but not boys. Poster presented at the 22<sup>nd</sup> Annual Lifespan Research Hospital Celebration Day, Providence, RI.
22. Lopez, L., McCallum, A., **Bublitz, M.H.**, D'Angelo, C.\*, O'Reilly Treter, M.\*, Salisbury, A. & Stroud, L.R. (2014). Prenatal maternal cortisol and infant neurobehavioral outcomes at Days 1 and 30 after delivery. Poster presented at Lifespan Research Day at the Rhode Island Hospital, Providence, RI.
23. O'Reilly Treter, M.\*, D'Angelo, C.\*, Lopez, L., McCallum, A., **Bublitz, M.H.**, Stroud, L., Jennings, E. & Salisbury, A. (2014). Pre-pregnancy exercise and maternal neuroendocrine levels: Links to infant neurobehavior. Poster presented at Lifespan Annual Research Day, Providence, RI.
24. O'Reilly Treter, M.\*, D'Angelo, C.\*, Lopez, L., McCallum, A., **Bublitz, M.H.**, Stroud, L., Jennings, E. & Salisbury, A. (2014). Pre-pregnancy exercise and maternal neuroendocrine levels: Links to infant neurobehavior. Poster presented at the Society for Research in Child Development, Philadelphia, PA.
25. Giudice, C., Morales, M., Aubuchon-Endsley, N.\*, Parade, S., **Bublitz, M.H.** & Stroud, L.S. (2014). Vaginal delivery is associated with increased cortisol stress response on the day of delivery only. Poster presented at International Conference on Infant Studies, Berlin, Germany.
26. **Bublitz, M.H.**, Bourjeily, G. & Stroud, L.R. (2015). Momentary stress, cortisol, and gestational length among pregnant victims of childhood maltreatment: A pilot study. Poster presented at the Perinatal Mental Health Conference, Chicago, IL.
27. **Bublitz, M.H.**, Martin, S. & Bourjeily, G. (2015). Persistent snoring is associated with cardiovascular and metabolic disorders in pregnant women. Poster presented at the APSS SLEEP meeting, Seattle, WA.
28. **Bublitz, M.H.**, Bourjeily, G. & D'Angelo, C.\* (2015). Maternal sleep quality and diurnal cortisol regulation over pregnancy. Poster presented at the APSS SLEEP meeting, Seattle, WA.
29. Gaffey, A.E., **Bublitz, M.H.**, Salisbury, A.L., Vergara-Lopez, C.\* & Stroud L.R. (2016). Change in depressive symptoms from gestation to postpartum is associated with women's diurnal cortisol. Poster presented at the Annual Meeting and Scientific Sessions of the Society for Behavioral Medicine, Washington, D.C.
30. Kaiser, T.K., Shuman, J., Roche, J., Vergara-Lopez, C.\*, **Bublitz, M.H.**, Papandonatos, G.D., Scott-Sheldon, L.A.J., & Stroud, L.R. (2016). Preference for sweet vs. tobacco-flavored e-cigarettes and waterpipe tobacco in pregnant women. Poster presentation at the annual Brown University Mind Brain Research Day, Providence, RI.

31. **Bublitz, M.H.** & Bourjeily, G. (2016). Maternal history of maltreatment and inflammation among pregnant women with gestational diabetes mellitus: A pilot study. Abstract and oral presentation given at the North American Society of Obstetric Medicine, Montreal, Canada.
32. Scott-Sheldon, L.A.J., Shuman, J., Roche, J., Vergara-Lopez, C.\*, **Bublitz, M.H.**, Papandonatos, G. & Stroud, L.R. (2017). Preferences and intentions to use flavored other tobacco products among pregnant women. Poster presented at the 38th annual meeting of the Society for Behavioral Medicine, San Diego, CA.
33. **Bublitz, M.H.**, Bourjeily, G., Bilodeau, C. & Stroud, L. (2017). Maternal circadian cortisol in pregnancy is associated with breastfeeding status one month after delivery. Poster presented at the 25<sup>th</sup> Congress on Women's Health, Washington, DC.
34. **Bublitz, M.H.**, Livingston, Z., Firoz, T., Tong, I., Pearlstein, T., MacLean, J., Bourjeily, G. & Miller, M. (2017). Change in depressive symptoms before and after the 2016 United States election in a women's primary care clinic. Poster presented at the 25<sup>th</sup> Congress on Women's Health, Washington, DC.
35. Amin, S., **Bublitz, M.H.**, Martin, S., Larson, L., Carpenter, M., De La Monte, S., & Bourjeily, G. (2017). Gestational diabetes and inflammation: The exacerbating role of obstructive sleep apnea. Poster presented at the American Thoracic Society International Conference, Washington DC.
36. Kaur, A., Sequeira, T., Adodoadji, E., Martin, S., **Bublitz, M.H.**, Hott, B., Bourjeily, G. (2017). Do conventional anthropometric measures predict obstructive sleep apnea in pregnancy? Poster presentation at American Thoracic Society International Conference. Washington, DC.
37. Link, B., Bourjeily, G., **Bublitz, M.H.**, Pengo, M., Sequeira, T., Adodoadji, E., Hott, B. (2017). Pulse transit time in pregnant women with and without obstructive sleep apnea. Poster presentation at American Thoracic Society International Conference. Washington, DC.
38. **Bublitz, M.H.**, Livingston, Z.\*, Firoz, T., Tong, I., Pearlstein, T., MacLean, J., Bourjeily, G. & Miller, M. (2017). Change in depressive symptoms before and after the 2016 United States election in a women's primary care clinic. Poster presented at the Brown Department of Medicine Research Day, Providence, RI.
39. Bourjeily, G., Danilack, V.A., **Bublitz, M.H.**, Muri, J., Caldwell, D. (2017). Obstructive sleep apnea in pregnancy is associated with adverse maternal outcomes: A national cohort. Abstract and oral presentation given at American Thoracic Society International Conference. Washington, DC.
40. Bourjeily, G., Danilack, V.A., **Bublitz, M.H.**, Muri, J., Caldwell, D., Rosene-Montella, K., Lipkind, H. (2017). Obstructive sleep apnea in pregnancy is associated with adverse birth outcomes: A national cohort. Poster presentation Associated Professional Sleep Societies Annual Meeting, Boston MA.

41. **Bublitz, M.H.**, Livingston, Z.\*, Bourjeily, G., Salmoirago-Blotcher, E. (2017). Phone-delivered mindfulness training for women at risk of preterm delivery. Poster presented at the Perinatal Mental Health Conference, Chicago, IL.
42. **Bublitz, M.H.**, Lustig, S., Sequeira, T. & Bourjeily, G. (2019). Childhood adversity and surrogate markers of cardiovascular complications in pregnancy. Poster presented at the Rhode Island NIH IDeA Symposium, Brown Medical School.
43. Salameh, M., **Bublitz, M.H.**, Okun, M., Miller, M., & Bourjeily, G. (2019). Fetal sex and sleep disordered breathing during pregnancy. Poster presented at the Rhode Island NIH IDeA Symposium, Brown Medical School.
44. Salameh, M., **Bublitz, M.H.**, Okun, M., Miller, M. & Bourjeily, G. (2019) Fetal sex and sleep disordered breathing during pregnancy. Abstract and oral presentation given at the American Thoracic Society (ATS) Conference, Dallas, TX.
45. Stanchina, M.L., Walia, P., **Bublitz, M.H.**, Miller, M. & Bourjeily, G. (2019). The impact of pregnancy on apnea-hypopnea duration: A pilot study. Poster presented at the American Thoracic Society (ATS) Conference, Dallas, TX.
46. Eid, C., Salameh, M., Ludwig, K., Pengo, P., **Bublitz, M.H.** & Bourjeily, G. (2019). Airflow limitations as a measure of sleep disordered breathing in pregnancy. Poster presented at the American Thoracic Society (ATS) Conference, Dallas, TX.
47. Salameh, M., **Bublitz, M.H.** & Bourjeily, G. (2019). Maternal sleep apnea a risk factor for apnea of prematurity? Poster presented at the American Thoracic Society (ATS) Conference, Dallas, TX.
48. Lee, S. Y., Vergara-Lopez, C., **Bublitz, M. H.**, & Stroud, L. R. (2021). Early life stress and cardiovascular recovery in response to peer rejection among adolescent girls. Poster presentation at the 16th International Congress of Behavioral Medicine. Virtual conference.
49. Bai, A., Sanapo, L., **Bublitz, M.H.**, Mehta, N., Messerlian, G., Catalano, P. & Bourjeily, G. (2021). Association between sleep disordered breathing and glucose metabolism in early pregnancy. Poster presented at the annual CHEST meeting (Virtual conference).
50. Lee, S. Y., **Bublitz, M. H.**, Gaffey, A. E., Jao, N. C., Reid, B. M., Vergara-Lopez, C., & Stroud, L. R. (2022). Adolescent girls' early life stress and body mass index: Differential effects of anger and anxiety in response to rejection. Poster presentation at the 2022 Annual Meeting of the American Psychosomatic Society, Long Beach, CA.
51. **Bublitz, M.H.**, Salmoirago-Blotcher, E., Sanapo, L., Mehta, N. & Bourjeily, G. (2022). Prenatal mindfulness training for pregnant women at risk for hypertensive disorders of pregnancy. Abstract and oral presentation given at the Annual Meeting of the Society of Behavioral Medicine.
52. **Bublitz, M.H.**, Pomerantz, M., Sharp, M., Ward, L.G., & Guthrie, K. (2022). Prenatal mindfulness training, interoceptive awareness, and blood pressure in women at risk for



hypertensive disorders. Poster presented at the International Marcé Society Biennial Conference, London, UK.

53. Vergara-Lopez,C., Scalco, M. D., Gaffey, A. E., Reid, B. M., **Bublitz, M. H.**, Gomez, A., Mercado, N., Stroud, L. R. (2023). The interactive effects of rejection and rumination on diurnal cortisol among adolescent girls: A daily diary study. Accepted oral presentation at the 80th Annual Meeting of the American Psychosomatic Society, San Juan, Puerto Rico.
54. Unger, K., Sanapo, L. Bourjeily, G., Salmoirago-Blotcher, E. & **Bublitz, M.H.**. The Impact of Mindfulness Treatment on Maternal Inflammation and Fetal Neurodevelopment. To be presented as an oral presentation at the Marce Society of North America meeting, October, 2023.

## **INVITED PRESENTATIONS**

### **INTERNATIONAL PRESENTATIONS**

1. Psychological Stress and Preterm Birth : The role of the HPA axis. North American Society of Obstetric Medicine, Providence, RI. September, 2013.
2. Biobehavioral mechanisms linking maternal history of adoption/foster care to preterm birth. North American Society of Obstetric Medicine, Providence, RI. September, 2013.
3. Results of an Integrated Behavioral Health Service in a Women's Primary Care Practice. Faculty presenter in symposium "Integrated Behavioral Health for Women in Medical Settings," North American Society for Psychosocial Obstetrics and Gynecology 2018 Biennial Meeting, Philadelphia, PA, April, 2018.
4. Results of an Integrated Behavioral Health Service in a Women's Primary Care Practice. Faculty presenter in symposium, "Integrated Behavioral Health for Women in Primary Care and Obstetric Settings," 8th World Congress on Women's Mental Health, International Association of Women's Mental Health, Paris, France. March, 2019.
5. Making sense of associations between sleep disturbance and perinatal outcomes. Presented in the workshop on Women's Sleep and Health at the World Sleep Congress, Vancouver, BC, Canada. September, 2019.
6. Demystifying COVID-19 : Lessons Learned and Future Opportunities. Lebanese University Medical School Virtual Conference. July, 2020.
7. Stress, Trauma, and Resilience across the Perinatal Period. Presented at the International Marcé Society for Perinatal Mental Health Virtual Biennial Meeting. October, 2020. Role: Symposium chair.
8. Maternal history of child maltreatment and neural activation to infant cues in the 4th trimester. Oral presentation at the International Marcé Society for Perinatal Mental Health Virtual Biennial Meeting. October, 2020.

9. Trauma Exposure, PTSD, and Maternal Wellbeing: Identifying Treatment Targets in the Perinatal Period. Chair and Faculty present for symposium presented at the International Marcé Society Biennial Conference, London, UK. September, 2022.

### **NATIONAL PRESENTATIONS**

1. Sex as a predictor of sleep disordered breathing and its consequences in pregnancy. Presented as the Featured Lecture in Women's Lung Health at the CHEST Annual meeting, New Orleans, LA. October, 2019.
2. How to remain in control in a pandemic: Family, career and mental wellness. Moderator of break out session for the CHEST Women & Pulmonary event. Virtual meeting, October, 2020.
3. CardioPulmonary Vascular Biology Center of Biomedical Research Excellence (COBRE) Pilot Study: Does prenatal mindfulness training reduce risk for hypertensive disorders of pregnancy? Multi-COBRE Seminar Series (in collaboration with Mississippi and Louisville). February, 2021.
4. Maternal history of child maltreatment and neural activation to infant cues in the fourth trimester. Presented as part of an invited symposium at the Society for Research on Child Development Virtual Biennial Meeting, April 2021.
5. Maternal postpartum alcohol use and neural activation to infant cues in the fourth trimester: Preliminary results. Presented as part of an invited symposium at the Society for Research on Child Development Virtual Biennial Meeting, April 2021.
6. Prenatal mindfulness training for pregnant women at risk for hypertensive disorders of pregnancy. Presented at the University of South Florida OBGYN Virtual Grand Rounds, March 2022.
7. Perinatal stress and pathways to adverse obstetric outcomes. Presented to the Women's Heart Health Laboratory at the Institute for Exercise and Environmental Medicine, Texas Health Presbyterian Hospital Virtual Grand Rounds, Dallas Texas, January 2023.

### **LOCAL PRESENTATIONS**

1. Biological embedding of childhood maltreatment in pregnancy. Pediatric Research Colloquium, Women & Infants Hospital, Providence RI. March, 2019.
2. Prenatal mindfulness training for pregnant women at risk for hypertensive disorders of pregnancy. Cardiopulmonary Vascular Biology COBRE Bi-Weekly Meeting, Providence VA, Providence, RI. June, 2019.

3. Biological embedding of childhood abuse history in pregnancy. Women's Medicine Collaborative Research Lecture, Women's Medicine Collaborative, The Miriam Hospital, Providence, R.I. August, 2019.
4. Prenatal mindfulness training to prevent hypertension in pregnancy. Presented at the Research in Progress meeting, Mindfulness Center at Brown, Providence, RI. November, 2019.
5. Clinical work related to stress, trauma, and resilience in 2020. Panelist on STAR Adversity & Trauma Research Virtual Group Meeting. July, 2020.
6. Prenatal mindfulness training for pregnant women at risk for hypertensive disorders of pregnancy. Cardiopulmonary Vascular Biology COBRE Bi-Weekly Virtual Meeting. October, 2020.
7. The Patient and the Practitioner in the Age of Technology: Promoting Healthy Relationships. Panelist at the virtual conference. November, 2020.
8. Does prenatal mindfulness training reduce risk for hypertensive disorders of pregnancy? Presented virtually at Gyn Grand Rounds, Department of Obstetrics and Gynecology, Lifespan Hospital. December, 2020.
9. The biological embedding of childhood maltreatment in the perinatal period. Rhode Island Research Rising Stars Research Presentation. Rhode Island Women's Health Initiative Virtual Meeting. March, 2021.
10. Understanding stress and trauma; fostering resilience in the perinatal period. Stress, Trauma and Resilience Early Career Scientist Spotlight Virtual Presentation. October, 2021.
11. Interviewed for the news article, "Meditare persino in ospedale, ma come scienza comanda," *la Repubblica* (Italian newspaper). April, 2022.
12. Prenatal mindfulness training for pregnant women at risk for hypertensive disorders of pregnancy. Presented at the Reproductive Biology Center of Biomedical Research Excellence (COBRE) Virtual Seminar Series, June, 2022.
13. Prenatal mindfulness training for pregnant women at risk for hypertensive disorders of pregnancy. Presented at the annual Society of Behavioral Medicine meeting, Baltimore, MD. April, 2022.
14. How to write a scientific manuscript. Presented at the Women's Medicine Collaborative Research Trainee Summer Lecture Series, Lifespan Hospital. July, 2022; July 2023.
15. Department of Psychiatry and Human Behavior Career Development Panelist. Brown Medical School. October, 2022.
16. Qualitative Science Methods Training Program Invited Panelist. Department of Psychiatry and Human Behavior, Brown Medical School. December, 2022.

17. Office of Women in Medicine and Science annual conference invited panelist on leadership programs, Brown Medical School. June, 2023.

## **GRANTS**

### **ACTIVE**

1. R01HL157288 *Mechanisms of mindfulness training to prevent hypertensive disorders of pregnancy*  
The major goals of this project are to identify the psychological, physiological, and interpersonal mechanisms through which a brief phone-delivered mindfulness intervention reduces risk for hypertensive disorders of pregnancy.  
Agency: NHLBI/NIH  
Award type: R01  
Total Award Amount: \$2,561,141  
Dates of award: 9/2021-6/2026  
**Role: Principal Investigator**
2. *Embedding Mental Health Consultation Within Prenatal Home Visiting to Prevent Child Maltreatment and Violence Exposure* (PI: Parade, S.)  
Agency: CDC  
Award type: Research  
Total Award Amount: \$1,050,000  
Dates of award: 1/2022-9/2023  
**Role: Site PI**
3. *Maternal Sleep Disordered Breathing as Risk Factor for Childhood Obesity in Rhode Island* (PI: Sanapo, L.)  
Agency: Rhode Island Foundation  
Award Type: Medical Research Grant  
Total funds awarded: \$25,000  
Dates of award: 04/01/2021-9/30/2023  
**Role: Co-Investigator**
4. *Primary prevention of posttraumatic stress symptoms following Cesarean section* (PI: Sharp, M.)  
Agency: Rhode Island Foundation  
Award Type: Medical Research Grant  
Total funds awarded: \$25,000  
Dates of award: 04/01/2022-3/31/2023  
**Role: Co-Investigator**
5. *Targeting the brain-heart axis with TMS among reproductive aged women with PTSD.*  
The objective of this study is to examine the feasibility, acceptability, and safety of repetitive transcranial magnetic stimulation among reproductive aged women with PTSD and hypertension.  
Agency: COBRE Center for Neuromodulation  
Award type: Pilot project  
Total Award Amount: \$50,000

Dates of award: 2/1/2022-1/31/2024

**Role: Principal Investigator**

6. *Culturally adapted prenatal mindfulness training to reduce cardiovascular disparities in Black and Latina women*

The objective of this administrative supplement is to identify cultural barriers and facilitators of prenatal mindfulness training among pregnant participants enrolled in R01HL157288.

Agency: NHLBI/Office of Research on Women's Health

Total award amount: \$140,000

Award dates: 8/1/2023 – 7/31/24

**Role: Multi-Principal Investigator**

7. *Mindfulness, Optimism and Resilience for Perinatal Health and Equity (MORPHE) Trial (PI: Ayala, N.)*

The objective of this project is to evaluate the feasibility and acceptability of a digital mindfulness application to improve dispositional optimism in pregnancy. We will evaluate preliminary effects on rates of traumatic birth experience and postpartum mental health outcomes.

Agency: NIGMS

Total award amount: \$687,318

Award dates: 8/1/23-7/31/26

**Role: Mentor**

**FUNDED GRANT, DECLINED \*Unable to accept funding due to R01HL157288 grant being issued first, making me no longer eligible to serve as Project Lead.**

1. *Maternal history of childhood sexual abuse and perinatal outcomes: Harnessing novel ecological methods to understand mechanisms*

The objective of this project is to characterize interoceptive and autonomic responses to prenatal experiences in pregnant women with and without childhood sexual abuse.

Agency: NIGMS/NIH

Award type: Project Lead within the COBRE Stress, Trauma, & Resilience (PI: Stroud)

Total Award Amount: \$1,052,087

Dates of award: 9/2021-11/2026

**Role: Principal Investigator, Project Lead**

**PENDING**

8. *Mechanisms of mindfulness training to reduce maternal and infant cardiovascular disease risk*

The objective of this ancillary study is to investigate the longer term effects of prenatal mindfulness training on postpartum maternal and infant markers of cardiovascular disease.

Agency: NHLBI

Total award amount: \$3,166,122

Award dates: 4/1/2024-3/31/2029

**Role: Principal Investigator**

*Scored in 9<sup>th</sup> percentile*

9. *Racial Differences in Mechanistic Pathways of Perinatal Cardiovascular Outcomes Associated with Obesity and Sleep Apnea*  
The objective of this study is to understand racial differences in risk and mechanistic pathways (neural and/or humoral) of perinatal cardiovascular outcomes associated with obesity and sleep apnea.  
Agency: NHLBI  
Total award amount: \$3,339,395  
Award dates: 07/01/2023 - 06/30/2027  
**Role: Co-Investigator**
  
10. *Repetitive Negative Thinking (RNT): A gender-sensitive mechanism underlying co-occurring nicotine and cannabis use*  
To examine gender differences in Repetitive Negative Thinking (RNT) as it unfolds in vivo among young adults who use nicotine and cannabis.  
Agency: NIDA  
Total award amount: \$3,568,266  
Award dates: 07/01/2024- 06/30/2029  
**Role: Co-investigator**
  
11. *Global Fulbright Scholarship: Reducing Perinatal Mental Illness by Building Global Partnerships*  
The objective of this research project is to examine models of maternal mental health service delivery in the US, the United Kingdom, and New Zealand to expedite global improvements in maternal mental health.  
Agency: Fulbright  
Award dates: 6/2024-5/2025  
**Role: Principal Investigator**

## **COMPLETED**

1. *Prenatal mindfulness training, maternal vascular adaptations to pregnancy, and risk for hypertension*  
Agency: National Institute for General Medical Sciences  
Award type: Cardiopulmonary Vascular Biology COBRE  
Total funds awarded: \$50,000  
Dates of award: 6/1/19-5/31/21  
**Role: Principal Investigator**
  
2. *Prenatal mindfulness training for pregnant women at risk for hypertensive disorders*  
Agency: Brown Center for Mindfulness  
Award type: Pilot award  
Amount: \$20,000  
Dates of award: 8/1/18-8/31/20  
**Role: Principal Investigator**
  
3. *Development of the Maternal Neural Circuit among Postpartum Women with Maltreatment Histories*  
Agency: Carney Institute for Brain Science  
Award type: The Rhode Island Neuroscience New Frontiers Award

Amount: \$34,759  
Dates of award: 5/1/18-4/30/20  
**Role: Principal Investigator**

4. *Fetal sex as a predictor of sleep disordered breathing and its consequences in pregnancy*  
Agency: CHEST Foundation  
Award type: Research Grant in Women's Lung Health  
Amount: \$10,000  
Dates of award: 9/15/18-9/15/19  
**Role: Principal Investigator**
  
5. *Effects of prenatal mindfulness training on maternal blood pressure and placental histopathology*  
Agency: National Institute for General Medical Sciences  
Award type: Cardiopulmonary Vascular Biology COBRE  
Amount: \$32,000  
Dates of award: 12/1/18-5/31/19  
**Role: Principal Investigator**
  
6. *Fetal Behavior, Brain & Stress Response: Ultrasound Markers of Maternal Smoking (PI: Stroud)*  
Agency: National Institute on Drug Abuse  
Award type: Research Award (R01DA036999)  
Amount: \$2,885,481  
Dates of award: 8/1/2013-3/30/2019  
**Role: Co-Investigator**
  
7. *HPA and Neural Response to Peer Rejection (PI: Stroud)*  
Agency: National Institute of Mental Health  
Award type: Research award (R01MH092450)  
Amount: \$2,832,209  
Dates of award: 6/6/2011-2/28/2019  
**Role: Co-Investigator**
  
8. *A Multicenter, Randomized, Double-Blind, Parallel-Group, Placebo-Controlled Study Evaluating the Efficacy, Safety, and Pharmacokinetics of Sage-217 in the Treatment of Adult Female Subjects with Severe Postpartum Depression, Protocol #217-PPD-201 (Site PI: Pearlstein)*  
Agency: Sage Pharmaceuticals  
Award type: Research Award  
Dates of award: 2018-2019  
**Role: Co-Investigator**
  
9. *Childhood Maltreatment and the Preterm Birth Syndrome: Testing a Unique Phenotype*  
Agency: William and Mary Oh – William and Elsa Zopfi Professorship in Pediatrics for Perinatal Research  
Award Type: Research award in perinatal research  
Amount: \$10,000  
Dates of award: 6/1/2017-11/30/2018

**Role: Principal Investigator**

10. *Integrated Behavioral Health in Primary Care: Cohort 1 Pilot Site*  
Agency: Care Transformation Collaborative of Rhode Island  
Award type: Clinical service infrastructure award  
Amount: Approximately \$10,000 with incentive payments up to \$13,000  
Dates of award: 12/1/2015-1/1/2019

**Role: Principal Investigator/Behavioral Healthcare Manager**

11. *Mindfulness-Based Stress Reduction to Prevent Preterm Birth*  
Agency: Rhode Island Foundation  
Award type: Medical Research Grant  
Amount: \$24,334  
Dates of award: 4/1/2016-3/30/2018

**Role: Principal Investigator**

12. *Understanding the Etiology of Preterm Birth in Victims of Childhood Sexual Abuse*  
Agency: Lifespan Hospitals  
Award type: Lifespan Seed Grant  
Amount: \$24,945  
Dates of award: 9/1/2012-8/31/2013

**Role: Principal Investigator**

13. *Perceptions and Use of Flavors in Pregnant Smokers and Non-Smokers (PI: Stroud)*  
Agency: National Institute on Drug Abuse  
Award type: Research award (R01DA036999-02S2)  
Amount: \$306,410  
Dates of award: 8/1/2013-4/30/2017

**Role: Co-Investigator**

**UNIVERSITY TEACHING ROLES**

**Curriculum Development/Director**

2013-2018 **Behavioral Medicine Seminar Series Coordinator**  
Alpert Medical School of Brown University  
Department of Psychiatry and Human Behavior  
Clinical Psychology Internship Training Program

2015-ongoing **Primary Supervisor/Behavioral Healthcare Manager**  
**Women's Medicine Collaborative Primary Care**  
Alpert Medical School of Brown University  
Brown Psychology Training Consortium  
Department of Psychiatry and Human Behavior Clinical Psychology Internship  
Training Program

**Mentee/Advisees**

2010-2011 **Undergraduate Thesis Co-Advisor**



Joyce Ji  
Department of Human Biology  
Alpert Medical School of Brown University.

2010-2011     **Senior Capstone Undergraduate Co-Advisor**  
Courtney Maninno  
Department of Psychology  
Alpert Medical School of Brown University.

2014-2018     **Postdoctoral Clinical Supervisor**  
Chrystal Vergara-Lopez, PhD  
Alpert Medical School of Brown University  
The Miriam Hospital

2016-2018     **Postdoctoral Clinical Supervisor**  
Meaghan McCallum, PhD  
Alpert Medical School of Brown University  
Centers for Preventive and Behavioral Medicine  
The Miriam Hospital

2016-2017     **Advisor, Psychology Internship**  
Courtney Stevens, MA  
Alpert Medical School of Brown University  
Women's Medicine Collaborative Primary Care  
The Miriam Hospital

2017-2018     **Advisor, Psychology Internship**  
LG Rollins, MA  
Alpert Medical School of Brown University  
Women's Medicine Collaborative Primary Care  
The Miriam Hospital

2018-2019     **Advisor, Psychology Internship**  
Christina Metcalf, MA  
Alpert Medical School of Brown University  
Women's Medicine Collaborative Primary Care  
The Miriam Hospital

2018-2020     **Postdoctoral Clinical Supervisor**  
LG Ward, PhD  
Alpert Medical School of Brown University  
Women's Medicine Collaborative LPG OBGYN  
Lifespan Hospital

2019-2020     **Advisor, Psychology Internship**  
Patricia Wong, MA  
Alpert Medical School of Brown University  
Women's Medicine Collaborative Primary Care  
The Miriam Hospital

- 2019-2020 **Postdoctoral Clinical Supervisor**  
Trisha Arnold, PhD  
Women's Medicine Collaborative Primary Care  
The Miriam Hospital
- 2020-2022 **Postdoctoral Clinical Supervisor**  
Deanna Kaplan, PhD  
Women's Medicine Collaborative Primary Care  
The Miriam Hospital
- 2021-2023 **Residency Research Mentor**  
Madison Pomerantz, MD  
Psychiatry Resident  
Alpert Medical School of Brown University
- 2022 summer **Brown Undergraduate Teaching Research Awards (UTRA) Mentor**  
Katherine Unger  
Brown University
- 2022 fall **Brown Undergraduate Teaching Research Awards (UTRA) Mentor**  
Katherine Unger  
Brown University
- 2022-2027 **K23 Career Development Mentor**  
LG Ward, PhD  
Department of Psychiatry and Human Behavior  
Alpert Medical School of Brown University
- 2022-2023 **Postdoctoral Research Supervisor**  
Micheline Anderson, PhD  
Department of Psychiatry and Human Behavior, Brown Medical School  
Women's Medicine Collaborative, The Miriam Hospital
- 2022-2024 **Career Development Mentor**  
Nina Ayala, MD  
Robert A. Winn Diversity in Clinical Trials Award Program  
Bristol Myers Squibb Foundation
- 2023 spring **Brown Undergraduate Teaching Research Awards (UTRA) Mentor**  
Naomi Deokule  
Brown University
- 2023 summer **Brown School of Public Health Applied Practice Experience Mentor**  
Lovisa Werner, BA  
Women's Medicine Collaborative  
The Miriam Hospital

## **Teaching**

- 2005           **Teaching Associate**  
Health Psychology  
Professor: Wolfgang Linden, PhD  
University of British Columbia, Vancouver BC, Canada.
- 2006           **Teaching Associate**  
Abnormal Psychology  
Professor: Sheila Woody, PhD  
University of British Columbia, Vancouver BC, Canada.
- 2015-present   **Brown Medical School PG4 Psychiatry Resident Guest Lecturer**
- 2021-present   **Brown School of Public Health Mindfulness Epidemiology Guest Lecturer**

### **Other Teaching Activities**

- 2017           **Master's Thesis Defense Committee**  
Brittany Link, BA  
Biotechnology Graduate Program  
Alpert Medical School of Brown University
- 2019-2020      **Honors Thesis Reader**  
Mykaila Shannon  
AB/MPH Program  
Brown University
- 2022-2023      **MPH Thesis Reader**  
Kento Suzuki  
Brown School of Public Health  
Brown University
- 2022-2023      **Independent Study Advisor**  
Katherine Unger  
Department of Neuroscience  
Brown University
- 2023-2024      **Independent Study Advisor**  
Sasha Aronson  
Department of Neuroscience  
Brown University

### **Appearances in Other Media**

- 2022           The importance of integrating maternal mental health with pregnancy care. Lifespan Living Blog. <https://www.lifespan.org/lifespan-living/importance-integrating-maternal-mental-health-pregnancy-care>

- 2022 Child Maltreatment and the Maternal Brain. Interviewed for “Mommy Brain Revisited” podcast. December, 2022.
- 2023 Stress and health interview for “Rhode Island Monthly” magazine, May, 2023.
- 2023 “The Rhode to Women’s Health” podcast, a podcast of Blue Cross and Blue Shield of Rhode Island
- 2023 Postpartum depression interview for “Health Check” for NBC Channel 10 news