

**CURRICULUM VITAE**  
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**EDUCATION**

- Ph.D. Social and Health Psychology, August 2003  
Stony Brook University, Stony Brook, NY  
Graduate Certificate in Women's Studies, December 2001  
Stony Brook University, Stony Brook, NY
- B.A. Psychology and English, May 1995  
Cornell University; College of Arts and Sciences; Ithaca, NY

**POSTDOCTORAL TRAINING**

- 2004-2006 Postdoctoral Fellow, Institute for Behavioral Medicine Research and the Dept. of Molecular Virology, Immunology, and Medical Genetics, The Ohio State University:  
*NIH Training Grant in Psychoneuroimmunology, T32 AI55411, 2004*

**POSITIONS**

- 2023-present Professor of Biobehavioral Health, The Pennsylvania State University  
2024-present Associate Director of the Center for Healthy Aging  
2017-2024 Professor in Charge (PIC) of the Graduate Program, Biobehavioral Health, The Pennsylvania State University  
2012-2023 Associate Professor of Biobehavioral Health, The Pennsylvania State University  
2006-2012 Assistant Professor of Biobehavioral Health, The Pennsylvania State University  
2004-2006 Postdoctoral Fellow, The Ohio State University Medical Center  
2003-2004 Visiting Scholar, Dept. of Psychology, Stony Brook University

**AFFILIATIONS**

- Center for Healthy Aging, The Pennsylvania State University (2009-present)
- Child Maltreatment Solutions Network, The Pennsylvania State University (2024-present)

**RESEARCH INTERESTS**

I investigate the impact of psychological stress on physical health and the psychological, physiological, and behavioral mechanisms underlying **stress and health connections**. Drawing on perspectives from social psychology and psychoneuroimmunology, I examine the impact of such dynamics on different health-related outcomes, including inflammation and other markers of cardiovascular disease risk, cognitive performance, and physical pain. I emphasize the role of:

- **emotion & affective/cognitive responses to stress** (e.g., anger, rumination, meaning-making)
- **environmental/situational forces** (e.g., relationship dynamics, discrimination)
- **individual differences** (e.g., related to age, personality, and gender)

**HONORS AND AWARDS, SELECTED**

- Graduate Program Chair Leadership Award, Graduate School Alumni Society, Penn State University, 2023-2024
- Fellow, Academy of Behavioral Medicine Research, 2019

- Fran and Holly Soistman Faculty Development Endowment, College of Health and Human Development, Penn State University, 2016-2017
- American Psychological Association Leadership Institute for Women in Psychology (LIWP), 2016-2017
- College of Health and Human Development, Penn State University, Commencement Marshal, December 2014
- Functional MRI Visiting Fellowship, Short-Course in Functional Magnetic Resonance Imaging, MGH/HST Athinoula Martinos Center for Biomedical Imaging, Boston, October, 2014
- American Psychosomatic Society Scholar Research Award, 2006
- Psychoneuroimmunology Research Society Scholars Award, 2006
- Pittsburgh Mind-Body Center Summer Institute, Pittsburgh, 2006
- American Psychological Association, Division 38 Student Research Award, 2003
- Madeline Fusco Fellowship, Stony Brook University, 2003
- Graduate Council Commendation to Distinguished Doctoral Students, Stony Brook University, 2003
- Award for Excellence in Teaching, Stony Brook University, Dept. of Psychology, 2003
- Dissertation Award, Stony Brook University, Dept. of Psychology, 2002

## GRANTS

### External Grant Funding

- |                           |  |   |
|---------------------------|--|---|
| 05/02/2023<br>04/30/2027  | <p><b>NIH R01 HL167642-01</b></p> <p>National Heart, Lung, and Blood Institute (NHLBI)</p> <p><i>The effects of pandemic-related stressors on change in CVD Risk: The protective role of universal prevention</i></p> <p><b>Role: PI, corresponding</b> (Multiple PIs: Jennifer Graham-Engeland, Mark Feinberg)</p> <p><u>Impact:</u> This project extends the Family Foundations study to include a second and third wave of in-home data collection to determine which family-related and psychosocial stressors associated with the COVID-19 pandemic are most strongly linked to increases in biological CVD risk indicators among parents and children.</p>   | <p><b>total costs \$2,863,372</b></p> <p><b>20% effort (30% SU) Yrs 1-4</b></p> |
| 04/01/2022<br>03/31/2027  | <p>As part of <b>NIH P01 AG003949-38</b> (PIs Buxton, Derby, Lipton)</p> <p>National Institute on Aging (NIA)</p> <p>Renewal of the Einstein Aging Study (EAS) P01 (total P01 direct costs \$24,150,895)</p> <p><b>Project 2: Depression, inflammation, biological age, and cognitive function</b></p> <p style="text-align: right;"><b>project direct costs \$2,536,683</b></p> <p><b>Role: Project Leader (PL);</b> Multiple PLs (50/50% responsibility):<br/>Christopher Engeland, Jennifer Graham-Engeland</p> <p><u>Impact:</u> Via this renewal of the Einstein Aging Study P01, Project 2 will provide new information about the unique, cumulative, and interactive impact of depression, inflammation, and age-related biological factors on risk for cognitive decline and Alzheimer’s Disease and Related Dementias (ADRD). This project will also help determine reasons underlying disparities in ADRD risk that appear to exist by race and gender (including the role of discrimination and SES).</p> | <p><b>25% effort Yrs 1-5</b></p>  |
| 04/14/2023<br>04/13/2025  | <p><b>NIH R03 AG081719-01</b></p> <p>National Institute on Aging (NIA)</p> <p><i>The role of loneliness in cognitive decline and risk for dementia</i></p> <p><b>Role: PI</b> (original PI, Karra Harrington)</p> <p><u>Impact:</u> This project extends the Einstein Aging Program Project to examine how loneliness (reported via ecological momentary assessment as well as retrospectively) relates to cognitive function and decline in older adults.</p>   | <p><b>total costs \$158,159</b></p> <p><b>5% effort Yrs 1-2</b></p>             |
| 05/15/2023-<br>01/31/2025 | <p><b>NIH R03 AG081565-01</b></p> <p>National Institute on Aging (NIA)</p>   | <p><b>total costs \$328,973</b></p> <p><b>8% effort Yrs 1-2</b></p>             |

*Prospective memory in everyday life: Lapses and decline in relation to inflammatory and neurodegenerative biomarkers in older adults*

**Role: Consultant** (original role: Co-I; PI: Erin Harrington)

Impact: This project extends the Einstein Aging Program Project to examine prospective memory lapses in association with markers of inflammation and neurodegeneration, and the moderating role of gender.

- 09/13/2022-09/12/2026 National Science Foundation (**NSF 2222654**) **total costs \$1,800,000**  
*Future of Construction Workplace Health Monitoring* **2.5% effort Yrs 1-4**  
**Role: Co-PI** (PI: Houtan Jebelli)  
Impact: This project will improve construction workforce safety and health by providing workers with near-real-time information about their levels of stress and indicators of safety and well-being, to improve task-related and wellness decisions.
- 05/30/2024-05/30/2027 **Korean NSF (RS-2024-00348012)** **total international costs \$120,000**  
 Global collaborative research on establishing a Korean older adult cohort  
**Role: Co-I** (PI: Sunmi Song)  
Impact: This project aims to develop a Korean older adult cohort with rich data around affect, pain, health behavior, cognitive performance, and health-risk factors, including inflammation.
- 07/01/2018-03/31/2023 **NIH RF1 (R01 submission) AG056487** **total costs \$3,781,840**  
 National Institute on Aging (NIA) **30% effort Yrs 1-5**  
 NCE through *Integrative biobehavioral and psychosocial risk for cognitive decline in the elderly*  
 08/20/2023 **Role: PI** (Multiple PIs [50/50% responsibility]: Christopher Engeland, Jennifer Graham-Engeland)  
Impact: This project builds on the Einstein Aging Study (EAS) program project to investigate the role of negative and positive affect, inflammation, and lipid profiles on cognitive aging outcomes, and the impact of cumulative lifetime stress on associations between affect and inflammation with cognition.
- 01/15/2018-01/14/2023 **NIH R01 HL137809** **total costs \$2,643,761**  
 National Heart, Lung, and Blood Institute (NHLBI) **15% effort Yrs 1-5**  
 NCE through *Early psychosocial intervention and child and parent cardiovascular disease risk*  
 12/31/2023 **Role: Co-I** (PI: Hannah Schreier)  
Impact: This project builds on the Family Foundations (FF) intervention, an ongoing NICHD-funded RCT, to determine effects of a perinatal coparenting-focused intervention, as well as psychosocial influences and mental health, on both child and parent inflammatory markers and other biomarkers of CVD risk.
- 09/15/2019-09/14/2023 **NIH R21 AG066140** **total costs \$439,617**  
 National Institute on Aging (NIA) **5% effort Yrs 1-2**  
 NCE through *Sex hormones, inflammation, and cognitive decline in older men and women*  
 05/31/2024 **Role: Co-I** (PI: Erik Knight)  
Impact: This project builds on the Einstein Aging Study (EAS) to determine whether sex hormones protect against cognitive decline via suppressive effects on inflammation.
- 09/30/2012-08/31/2017 **NIH R01 AG042595** **\$1,952,507**  
 National Institute on Aging (NIA) **30% effort Yrs 1-5**  
 NCE-2019 with National Institute on Mental Health (NIMH)  
*Inflammatory mediators of stress and cognitive aging*  
**Role: PI, corresponding** (Multiple PIs: Jennifer Graham-Engeland & Christopher Engeland)

Impact: This project extended the Effects of Stress on Cognitive Aging, Physiology, and Emotion (ESCAPE) study to include inflammation, and provided new information about how stress, affect, and rumination related to inflammatory profiles and cognitive decline. NIH featured this project as an example of “longitudinal research with deep phenotyping” and has a RFA for investigators to use it in synergy with other such projects.

### External Proposals Under Review

<p><i>pending</i> submitted 10/11/2023 12% score</p>	<p><b>NIH R03 AG088758</b> National Institute on Aging (NIA) <i>Stress and affective mechanisms that relate to inflammation in diverse older men and women</i> <b>Role: Co-I</b> (PI: Dakota Witzel) <u>Impact:</u> This project extends the Einstein Aging Program Project to examine which aspects of daily stress processes are linked with inflammatory markers, including MIF, and the moderating role of gender.</p>	<p><b>total costs \$160,300</b> <b>3% effort Yrs 1-2</b></p>
<p>06/12/2024 06/11/2029</p>	<p><b>NIH K99R00</b> NIH National Institute of Child Health and Human Development (NICHD) <i>Adaptation of an evidence-based transition to parenthood intervention: Enhancing financial literacy, co-management, and coparenting to reduce stress and address family health disparities</i> <b>Role: Faculty Mentor</b> (PI: Samantha Murray-Perdue)</p>	

### Internal Grants (as PI or Co-I)

<p>12/13/2021- 12/12/2022</p>	<p>BBH Seed Fund Biobehavioral Health Department (BBH) <i>Can more sleep improve pain responses, symptomatology, and regulation in college students?</i> <b>Role: Co-I</b> (PI: Anne-Marie Chang) <u>Impact:</u> Data will provide feasibility and initial evidence of effectiveness for a novel intervention and development of a new R01 proposal in a current priority area.</p>	<p>\$9,962</p>
<p>08/20/2021 08/19/2022</p>	<p>Funding Agency: Social Science Research Institute <i>Future of work initiative: Fostering health, inclusion, and productivity (HIP)</i> <b>Role: Co-I</b> (PI: Alicia Grandey) <u>Impact:</u> Bi-weekly meetings are helping establish industry partnerships, research incubator space, and research opportunities for junior faculty: <a href="https://hipworkplace.la.psu.edu/people/">https://hipworkplace.la.psu.edu/people/</a></p>	<p>\$4,979</p>
<p>04/17/2020 04/16/2021</p>	<p>Funding Agency: Social Science Research Institute <i>Work-Health Intersection at Perimenopause</i> <b>Role: Co-I</b> (PI: Alicia Grandey, Psychology) <u>Impact:</u> Early papers in progress document preliminary associations and draw attention to menopause-related symptoms (and related social dynamics) as an understudied unique stressor related to health.</p>	<p>\$4910</p>
<p>09/01/2018 08/31/2019</p>	<p>Bridges to Translation IV Pilot Award Clinical Translational Science Institute <i>Diet and stress responses in low-income rural adults under the dynamics of food insecurity</i> <b>Role: Co-I</b> (PI: Muzi Na) <u>Impact:</u> Pilot data collection with low-income rural families has led to multiple papers that demonstrate feasibility and importance of assessing food insecurity at multiple</p>	<p>\$50,000</p>

times across short time scales.

- 04/20/2018-08/20/2018 BBH Seed Fund  
Department of Biobehavioral Health (BBH)  
*Cognitive Profiles and Metabolic Syndrome: Biobehavioral Mechanisms Explaining Increased Risk and Progression*  
**Role: Co-I** (PI: Kyle Murdock)  
Impact: This project provided seed funding for an in-progress external project to expand biomarkers in the Einstein Aging Study.
- 08/16/2016-08/15/2017 Funding Agency: Social Science Research Institute, Penn State University \$22,490  
*Perinatal Coparenting Intervention and Cardiovascular Disease Risk*  
**Role: Co-I** (PI: Hannah Schreier)  
Impact: Pilot data collection from this seed funding directly contributed to success of a funded NIH R01 proposal.
- 01/10/2016-01/09/2017 Funding Agency: Social Science Research Institute, Penn State University \$4,459  
*The Body Mindfulness Project: Changing chronic maladaptive patterns in body and mind*  
**Role: Co-I** (PI: Andrew Belser)  
Impact: This work examined possibilities toward pilot data collection related to body mindfulness as intervention, and contributed to team building and awareness helpful to other projects.
- 09/14/2015-09/13/2016 Funding Agency: Social Science Research Institute, Penn State University \$3,300  
*Identifying antecedents and consequences of the disclosure of musculoskeletal pain among hotel housekeepers*  
**Role: Co-I** (PI: Larry Martinez)  
Impact: This work contributed to pilot data collection that has informed other projects that may involve future collaborations.
- 05/30/2013-05/29/2016 Funding Agency: Social Science Research Institute, Penn State University \$4,978  
*How pain, mood, stress, social and health behavior, and inflammation are connected in undergraduate students with and without chronic pain.*  
**Role: PI**
- 03/01/2014-02/28/2015 Funding Agency: Social Science Research Institute, Penn State University \$43,000  
*Daily stress and premature cognitive aging as long-term sequelae of childhood sexual abuse.*  
**Role: Co-I** (PI: Jennie Noll)
- 07/10/2012-07/09/2014 Funding Agency: Social Science Research Institute, Penn State University \$4,940  
*Validation of salivary to blood-based inflammatory markers and associations with psychosocial and immune health indicators.*  
**Role: PI**
- 10/31/2011-10/30/2013 Funding agency: Social Science Research Institute, Penn State University \$24,748  
*Inflammatory mediators of psychological stress and cognitive aging.*  
**Role: PI**
- 01/01/2013-01/01/2014 Funding Agency: CTSI Community Engagement Research Core \$70,000  
*The Pennsylvania Adult Rural Health Study.*  
**Role: Co-I** (PI: Martin Sliwinski, Penn State University)
- 2010-2011 Funding Agency: Pennsylvania State Institute for Neuroscience \$37,420  
*Developing an animal model of cognitive bias to study the impact of emotion on health and behavior.*

**Role: Co-I** (PI: Victoria Braithwaite, Penn State University)

10/21/2008-06/30/2013 Funding Agency: Social Science Research Institute, Penn State University \$35,000  
*The Rheumatoid Arthritis Multidimensional Project (RAMP).*  
**Role: PI**

2007-2008 Funding Agency: Social Science Research Institute, Penn State University \$3,200  
*Ramping up for the Rheumatoid Arthritis Multidimensional Project (RAMP).*  
**Role: PI**

**Consortium, Training, and Student Grants (as faculty mentor / sponsor)**

02/25/2022 Penn State University Science Council Health Challenge \$600,000  
 02/24/2025 Penn State University  
*The Geroscience and Dementia Prevention Consortium (GDPC)*  
**Role: Faculty** (PI: Martin Sliwinski)

05/01/2021-05/02/2026 **NIH T32** AG049676-06 \$1,232,395  
 National Institute on Aging (NIA)  
*Psychosocial Determinants and Biological Pathways to Healthy Aging (Pathways)*  
**Role: Faculty** (PI: Lynn Martire)

05/02/2016-05/02/2021 **NIH T32** AG049676-05 \$1,141,350  
 National Institute on Aging (NIA)  
*Psychosocial Determinants and Biological Pathways to Healthy Aging (Pathways)*  
**Role: Faculty** (PI: David Almeida)

09/30/2016-08/31/2021 **NIH UL1** \$18,400,465  
 National Institutes of Health  
*Training Program of the Penn State Clinical and Translational Science Institute*  
**Role: Faculty**

09/01/2019-08/08/2024 **NIH R25** (Postbaccalaureate Research Education Program) ~\$395,000  
 National Institutes of Health NHLBI  
*Improving Access through Research and Training (IMPACT)*  
**Role: Faculty**

08/01/2017-07/31/2019 **NIH F31** DK112641-01 \$55,853  
 National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)  
*Inflammatory Stress Response and Loss of Control Eating in Youth*  
**Role: Consultant** (PI: Lisa Shank)

04/01/2015-03/31/2017 **NIH F32** AG048698 \$122,286  
 National Institute on Aging (NIA)  
*The role of daily well-being in inflammatory processes and diurnal cortisol rhythms.*  
**Role: Co-Sponsor / Faculty** (PI: Nancy Sin)

**PUBLICATIONS**

\* Denotes a graduate student or postdoctoral scholar mentored by Dr. Graham-Engeland; † Denotes an undergraduate student mentored by Dr. Graham-Engeland.

68. Van Bogart, K.\*, Harrington, E.E., Witzel, D.D., Kang, J.\*, Sliwinski, M.J., Engeland, C.G., & **Graham-Engeland, J.E.** (2024). Momentary loneliness and intrusive thoughts among older adults: The role of mild cognitive impairment and marital status. *Journal of Aging and Mental Health*. doi: 10.1080/13607863.2024.2368643

67. **Graham-Engeland, J.E.** (2024). Moving toward affective immunology: Legacy and future directions. *Comprehensive Psychoneuroendocrinology*. doi: 10.1016/j.cpnec.2024.100241
66. Harrington, E. E.\*, Gamaldo, A.A., Felt, J.M., Witzel, D.D.\*, Sliwinski, M.J., Murdock, K.W., Engeland, C.G., & **Graham-Engeland, J.E.** (online ahead of print). Racial differences in the links between perceived discrimination, depressive symptoms, and ambulatory working memory. *Aging and Mental Health*, 1-9. doi: 10.1080/13607863.2024.2351923. <https://psyarxiv.com/2cng3/>
65. Schreier, H.M.C., Feinberg, M.E., Jones, D.E., Ganguli, A., Givens, C., & **Graham-Engeland, J.E.** (2024). Children's empathy moderates the association between perceived interparental conflict and child health. *Brain, Behavior, and Immunity*, 118, 118-135. doi: 10.1016/j.bbi.2024.02.022
64. Zavala, D.\*, Dzikowski, N., Gopalan, S., Harrington, K.D., Pasquini, G, Mogle, J., Reid, K., Sliwinski, M.J., **Graham-Engeland, J.E.**, Engeland, C.G., Bernard, K., Veeramah, K., & Scott, S.B. (2024). Epigenetic and chronological age: Associations with cognitive performance in daily life. *Journal of Gerontology: Biological Sciences*, 79, 1-10. doi: 10.1093/gerona/glad242
63. Song, S., **Graham-Engeland, J.E.**, & Kim, J. (2024). Associations between psychological distress and hand pain among rural and urban adults: Findings from the KoGES community cohort study. *Journal of Pain*, 25, 362-375. doi: 10.1016/j.jpain.2023.08.016
62. Harrington, E.E.\*, **Graham-Engeland, J.E.**, Sliwinski, M.J., Van Bogart, K., Mogle, J.A., Katz, M.J., Lipton, R.B., & Engeland, C.G. (2023). Older adults' prospective memory lapses in daily life: Connections to inflammation and gender. *Journal of Psychosomatic Research*, 174, 111489. doi: 10.1093/geroni/igac059.2073
61. Jones, E.J., Feinberg, M.J., **Graham-Engeland, J.E.**, Jones, D.J., & Schreier, H.M.C (2023). A perinatal coparenting intervention: Effects of a randomized trial on parent cardiometabolic risk and self-reported health. *Biological Psychology*, 183, 108664.
60. Van Bogart, K.\* , Scott, S.B., Harrington, K.D., Sliwinski, M.J., Felt, J.M., & **Graham-Engeland, J.E.** (2023). Examining the bidirectional nature of loneliness and anxiety among older adults in daily life. *Journal of Gerontology, Series B: Psychological Sciences*, 78, 1676-1685. doi: 10.1093/geronb/gbad105
59. Kang, J.\*, Sliwinski, M.J., **Graham-Engeland, J.E.**, Scott, S.B., Hyun, J., & Smyth, J.M. (2023). The relationship between loneliness and experiences of everyday stress and stressor-related emotion. *Stress and Health*, 40, e3294. doi: 10.1002/smi.3294
58. Jones, D.R.\*, Smyth, J.M., & **Graham-Engeland, J.E.** (2023). The relation between personality and affect intensity and dynamics: Do associations differ based on arousal? *Current Psychology*, 43, 6761-6769. doi.org/10.1007/s12144-023-04864-y
57. Zawadzki, M.J., **Graham-Engeland, J.E.**, Robles, P.L., Hussain, M., Fair, E.V., Tobin, J.N., Cassells, A., & Brondolo, E. (2023). Acute experiences of negative interpersonal interactions: Examining the dynamics of negative mood and ambulatory blood pressure responses among Black and Hispanic urban adults. *Annals of Behavioral Medicine*, 57, 630-639. *\*Editor's Choice selection.* doi.org/10.1093/abm/kaad033
56. Knight, E.L.\*, **Graham-Engeland, J.E.**, Sliwinski, M.J., & Engeland, C.G. (2023). Greater ecologically-assessed positive experiences predict heightened sex hormone concentrations across two weeks in older adults. *The Journals of Gerontology, Series B: Psychological Sciences*, 78, 1007-1017. doi.org/10.1093/geronb/gbad015
55. DeMeo, N.N.\*, Scott, S., Jones, D.\*, Smyth, J., Sliwinski, M.J., & **Graham-Engeland, J.E.** (2023). Introversion and the frequency and intensity of daily uplifts and hassles. *Journal of Personality*, 91, 354-368. doi: 10.1111/jopy.12731
54. Zhaoyang, R., Harrington, K., Scott, S., **Graham-Engeland, J.E.**, and Sliwinski, M.J. (2022). Daily social interactions and loneliness: The role of trait loneliness and neuroticism. *The Journals of Gerontology, Series B: Psychological Sciences*, 77, 1791-1802. doi: 10.1093/geronb/gbac083

53. Bradson, M.L.\* , Cadden. M.H., Guty, E.T., Riegler, K.E., Thomas, G.A., **Graham-Engeland, J.E.**, & Arnett. P.A. (2022). Coping style moderates the effect of pain on depressive symptoms in Multiple Sclerosis. *Archives of Clinical Neuropsychology*, 37,1515-1526. doi: 10.1093/arclin/acac025
52. Song, S.\* , DeMeo, N.N.\* , Almeida, D., Majd, M., Engeland, C.G., & **Graham-Engeland, J.E.** (2022). The longitudinal connection between depressive symptoms and inflammation: Mediation by sleep quality. *PLOS ONE*, 17, e0269033. doi: 10.1371/journal.pone.0269033
51. **Graham-Engeland, J.E.**, DeMeo, N.N.\* , Jones, D.R.\* , Mathur, A.\* , Smyth, J.M., Sliwinski, M.J. McGrady, M.E.†, Lipton, R.B., Katz, M.J., & Engeland, C.G. (2022). Individuals with both higher recent negative affect and physical pain have higher levels of C-Reactive protein. *Brain, Behavior, and Immunity – Health*, 21, 100431. doi: 10.1016/j.bbih.2022.100431
50. Na, M., Dou, N., Liao Y., Rincon S.J., Francis, L., **Graham-Engeland, J.E.**, Murray-Kolb, L., and Li, R. (2022). Daily food insecurity predicts lower positive and higher negative affect: An ecological momentary assessment study. *Frontiers in Nutrition*, 9, 790519. doi: 10.3389/fnut.2022.790519
49. Mathur, A.\* , Li, J., Lipitz, S.\* , & **Graham-Engeland, J.E.** (2022). Emotion regulation as a pathway connecting early life adversity and inflammation in adulthood: A conceptual framework. *Adversity and Resilience Science*, 3, 1-19 doi: 10.1007/s42844-022-00051-3
48. Van Bogart, K.\* , Engeland, C.G., Sliwinski, M.J., Harrington, K.D., Knight, E.L., Zhaoyang, R., Scott, S.B., & **Graham-Engeland, J.E.** (2022). The association between loneliness and inflammation: Findings from an older adult sample. *Frontiers in Behavioral Neuroscience*, 15: 801746. doi: 10.3389/fnbeh.2021.801746
47. Knight, E.\* , Majd, M., **Graham-Engeland, J.E.**, Smyth, J.M., Sliwinski, M.J., & Engeland, C.G. (2022). Depressive symptoms and other negative psychological states relate to *ex vivo* inflammatory responses differently for men and women: Cross-sectional and longitudinal evidence. *Physiology and Behavior*, 244:113656. doi: 10.1016/j.physbeh.2021.113656
46. Jones, D.R.\* , Smyth, J.M., & **Graham-Engeland, J.E.** (2022). Associations between positively valenced affect and health behaviors vary by arousal. *Applied Psychology: Health and Wellbeing*, 14, 215-235 doi: 10.1111/aphw.12299
45. Wardecker, B.\* , **Graham-Engeland, J.E.**, & Almeida, D.M. (2021). Perceived discrimination predicts elevated biological markers of inflammation among sexual minority adults. *Journal of Behavioral Medicine*, 44, 53-65. doi: 10.1007/s10865-020-00180-z
44. Jones, D.R., Allen, H.K., Lanza, S.T., & **Graham-Engeland, J.E.** (2021). Daily associations between affect and alcohol use among adults: The importance of affective arousal. *Addictive Behaviors*, 112:106623. doi: 10.1016/j.addbeh.2020.106623
43. Jones, D.R.\* & **Graham-Engeland, J.E.** (2021). Positive affect and peripheral inflammatory markers among adults: A narrative review, 44, 53-65. *Psychoneuroendocrinology*. doi: 10.1016/j.psyneuen.2020.104892
42. Szabo, Y.Z., Slavish, D., & **Graham-Engeland, J.E.** (2020). The effect of acute stress on salivary markers of inflammation: A systematic review and meta-analysis. *Brain, Behavior, and Immunity*, 88, 887-900. doi: 10.1016/j.bbi.2020.04.078
41. Jones, D.R.\* , Smyth, J.M., Engeland, C.G., Sliwinski, M.J., Russell, M.J., Sin, N.L., Almeida, D.A., & **Graham-Engeland, J.E.** (2020). Affect variability and inflammatory markers in midlife adults. *Health Psychology*, 39, 655-666. doi: 10.1037/hea0000868
40. Knight, E.L.\* , Majd, M., **Graham-Engeland, J.E.**, Smyth, J.M., Sliwinski, M.J., Engeland, C.G. (2020). Gender differences in the link between depressive symptoms and *ex vivo* stimulated cytokine responses are associated with levels of endotoxin in blood. *Brain, Behavior, and Immunity – Health*, 2, 100013. doi.org/10.1016/j.bbih.2019.100013



39. Slavish, D.C.\*, Jones, D.R.\*, Smyth, J.M., Engeland, C.G., Song, S.\*, & **Graham-Engeland, J.E.** (2020). Positive affect and salivary markers of inflammation among young adults. *International Journal of Behavioral Medicine*, 27, 282-293. doi: 10.1007/s12529-019-09795-2
38. **Graham-Engeland, J.E.**, Song, S.\*, Mathur, A.\*, Wagstaff, D.A, Klein, L.K., Whetzel, C., & Ayoub, W. (2019). Emotional state can affect inflammatory responses to pain among rheumatoid arthritis patients: Preliminary findings. *Psychological Reports*, 122, 2026-2049. doi: 10.1177/0033294118796655
37. Wardecker, B.\*, Matsick, J.L., **Graham-Engeland, J.E.**, & Almeida, D.M. (2019). Life satisfaction across adulthood in Bisexual men and women: Findings from the Midlife in the United States (MIDUS) Study. *Archives of Sexual Behavior*, 48, 291-303. doi: 10.1007/s10508-018-1151-5
36. Slavish, D.C.\*, **Graham-Engeland, J.E.**, Engeland, C.G., Taylor, D.J., & Buxton, O.M. (2018). Insomnia symptoms are associated with elevated C-reactive protein in young adults. *Psychology and Health*, 33, 1396-1415. doi: 10.1080/08870446.2018.1500577
35. Wilson, S.J., Martire, L.M., & **Graham-Engeland, J.E.** (2018). Capturing patients' symptom expression and spouses' cardiovascular activity continuously: The feasibility of examining mechanisms of disease risk in the home. *Families, Systems, and Health*, 36, 518-522. doi: 10.1037/fsh0000369
34. **Graham-Engeland, J.E.**, Sin, N.L.\*, Smyth, J.M., Jones, D.R.\*, Knight, E.L., Sliwinski, M.J., Katz, M.J., Lipton, R.B., Almeida, D.M., & Engeland, C.G. (2018). Negative and positive affect as predictors of inflammation: Timing matters. *Brain, Behavior, and Immunity*, 74, 222-230. doi: 10.1016/j.bbi.2018.09.011
33. Jones, D.R.\*, **Graham-Engeland, J.E.**, Smyth, J.M., & Lehman, B.J. (2018). Clarifying the associations between mindfulness meditation and emotion: Daily high- and low-arousal emotions and emotional variability. *Applied Psychology: Health and Well-Being*, 10, 504-523. doi: 10.1111/aphw.12135
32. Jones D.R.\*, Johnson, J., **Graham-Engeland, J.E.**, Park, C.L., & Smyth, J.M. (2018). Is perceived growth associated with momentary indicators of health and well-being in people with asthma or rheumatoid arthritis? *Applied Psychology: Health and Well-Being*, 10, 254-271. doi: 10.1111/aphw.12129
31. Mathur, A.\*, **Graham-Engeland, J.E.**, Slavish, D.C.\*, Smyth, J.M., Lipton, R., Katz, M., & Sliwinski, M.J. (2018). Recalled early life adversity and pain: The role of mood, sleep, optimism, and control. *Journal of Behavioral Medicine*, 41, 504-515. doi: 10.1007/s10865-018-9917-8
30. Slavish, D.C.\*, **Graham-Engeland, J.E.**, Sliwinski, M.J., Smyth, J.M., Almeida, D.M., Lipton, R.B., & Katz, M.J. (2018). Neuroticism, rumination, negative affect, and sleep: Examining between- and within-person associations. *Personality and Individual Differences*, 123, 217-222. doi:10.1016/j.paid.2017.11.023
29. Majd, M., **Graham-Engeland, J.E.**, Smyth, J.M., Sliwinski, M.J., Lipton, R.B., & Katz, M.J., Engeland, C.G. (2018). Distinct inflammatory response patterns are evident among men and women with higher depressive symptoms. *Physiology and Behavior*, 184, 108-115. doi:10.1016/j.physbeh.2017.11.009
28. Khoo, G.S. & **Graham-Engeland, J.E.** (2016). The benefits of contemplating tragic drama on self-regulation and health. *Health Promotion International*, 31, 187-99 doi: 10.1093/heapro/dau056
27. **Graham-Engeland, J.E.**, Zawadzki, M., Slavish, D.C.\*, & Smyth, J.M. (2016). Depressive symptoms and momentary mood predict momentary pain among rheumatoid arthritis patients. *Annals of Behavioral Medicine*, 50, 12-23. doi: 10.1007/s12160-015-9723-2
26. Song, S.\*, **Graham-Engeland, J.E.**, Mogle, J., & Martire, L.M. (2015). The effects of daily mood and couple interactions on the sleep quality of individuals with chronic pain. *Journal of Behavioral Medicine*, 38, 944-955. doi: 10.1007/s10865-015-9651-4

25. Scott, S., **Graham-Engeland, J.E.**, Engeland, C.G., Katz, M., Lipton, R., Smyth, J.M, Almeida, D., Mogle, J., & Sliwinski, M.J. (2015). The Effects of Stress on Cognitive Aging, Physiology and Emotion (ESCAPE) Project. *Biomed Central Psychiatry*, *15*, 1-14. doi: 10.1186/s12888-015-0497-7
24. Song, S.\* , **Graham-Engeland, J. E.**, Corwin, E. J., Ceballos, R.M., Taylor, S.E., Seeman, T., & Klein, L. K. (2015). The role of multiple negative social relationships in inflammatory cytokine responses to a laboratory stressor. *PeerJ*. doi: 10.7717/peerj.959
23. Sin, N.L.\* , **Graham-Engeland, J.E.**, Ong, A.D., & Almeida, D. (2015). Affective reactivity to daily stressors is associated with elevated inflammation. *Health Psychology*, *34*, 1154-65. doi: <http://dx.doi.org/10.1037/hea0000240>
22. Slavish, D.\* , **Graham-Engeland, J.E.**, Smyth, J.M., & Engeland, C.G. (2014). Salivary markers of inflammation in response to acute stress. *Brain, Behavior, and Immunity*, *44*, 253-269. doi: 10.1016/j.bbi.2014.08.008
21. Sin, N. L.\* , **Graham-Engeland, J.E.**, & Almeida, D. (2014). Daily positive events and inflammation: Findings from the National Study of Daily Experiences. *Brain, Behavior, and Immunity*, *43*, 130-8. doi: 10.1016/j.bbi.2014.07.015
20. Slavish, D.\* , & **Graham-Engeland, J.E.** (2014). Rumination mediates the relationships between depressed mood and both sleep quality and self-reported health in young adults. *Journal of Behavioral Medicine*, *2*, 204-13. doi: 10.1007/s10865-014-9595-0.
19. **Graham, J.E.**<sup>1</sup>, Song, S.\* , & Engeland, C.G. (2012). Acute pain speeds skin barrier wound recovery in healthy men and women. *Journal of Psychosomatic Research*, *73*, 452-8. doi: 10.1016/j.jpsychores.2012.07.011
18. Song, S.\* , **Graham, J.E.**, Susman, E. & Sohn, Y. (2012). The cost of ineffective emotion regulation and problem drinking differs by emotional disposition, delinquency, and gender of South Korean adolescents. *Journal of Child and Adolescent Substance Abuse*, *21*, 367–382. <http://dx.doi.org/10.1080/1067828X.2012.710029>.
17. Zawadzki, M. J., **Graham, J.E.**, & Gerin, W. (2012). Rumination and anxiety mediate the effect of loneliness on depression and sleep quality in college students. *Health Psychology*, *32*, 212-22. doi: 10.1037/a0029007
16. Engeland, C.G. & **Graham, J.E.** (2011). Psychoneuroimmunological aspects of wound healing and the role of pain. In D. Upton (Ed.). *Psychological Impact of Pain in Patients with Wounds*. Wounds UK Ltd., London, 87-114.
15. Streitl, K. L.\* , **Graham, J.E.**, Pickering, T.G., & Gerin, W. (2011). Explaining gender differences in the white coat effect. *Blood Pressure Monitoring*, *16*, 1-6. doi: 10.1097/MBP.0b013e32833f56c2
14. **Graham, J.E.**, & Streitl, K.L.\* (2010). Sleep quality and acute pain severity among young adults with and without chronic pain: The role of biobehavioral factors. *Journal of Behavioral Medicine*, *33*, 335-45. doi: 10.1007/s10865-010-9263-y
13. Christian, L.M., Deichert, N.T., Gouin, J., **Graham, J.E.**, & Kiecolt-Glaser, J. K. (2009). Psychological influences on endocrine and immune function. In G. Berntson and J. Cacioppo (Eds.), *Handbook of Neuroscience for the Behavioral Sciences*, pp. 1260-1279, ch. 64. Hoboken, New Jersey: John Wiley & Sons Inc. doi: 10.1002/9780470478509.neubb002064
12. **Graham, J.E.**, Glaser, R., Loving, T.J., Malarkey, W.B., Stowell, J.R., Kiecolt-Glaser, J.K. (2009). Cognitive word use during marital conflict attenuates increases in inflammatory cytokines. *Health Psychology*, *28*, 621-630. doi: 10.1037/a0015208

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<sup>1</sup> Note, prior to 2013, Dr. Jennifer Graham-Engeland published under Dr. Jennifer Graham.

11. Lobel, M., Cannella, D.T., **Graham, J.E.**, DeVincent, C., Schneider, J., and Meyer, B. A. (2008). Pregnancy-specific stress, prenatal health behaviors, and birth outcomes. *Health Psychology, 27*, 604-615. doi: 10.1037/a0013242
10. Kiecolt-Glaser, J.K., **Graham, J.E.**, Malarkey, W.B., Porter, K., Lemeshow, S., Glaser, R. (2008). Comment in response to letter regarding 'Olfactory influences on mood and autonomic, endocrine, and immune function'. *Psychoneuroendocrinology, 33*, 1303. doi: 10.1016/j.psyneuen.2008.07.001
9. **Graham, J.E.**, Lobel, M., Glass, P., & Lokshina, I. (2008). Effects of written constructive anger expression in chronic pain patients: Making meaning from pain. *Journal of Behavioral Medicine, 31*, 201-212. doi: 10.1007/s10865-008-9149-4
8. Kiecolt-Glaser, J.K., **Graham, J.E.**, Malarkey, W.B., Porter, K., Lemeshow, S., Glaser, R. (2008). Olfactory influences on mood and autonomic, endocrine, and immune function. *Psychoneuroendocrinology, 33*, 328-339. doi: 10.1016/j.psyneuen.2007.11.015
7. Cannella, D.T., Lobel, M., Glass, P., Lokshina, I., & **Graham, J.E.** (2007). Factors associated with depressed mood in chronic pain patients: The role of intrapersonal coping resources. *Journal of Pain, 8*, 256-262. doi: 10.1016/j.jpain.2006.08.007
6. Christian, L.M., **Graham, J.E.**, Padgett, D.A., Glaser, R., Kiecolt-Glaser, J.K. (2007). Stress and wound healing. *Neuroimmunomodulation, 13*, 337-46. doi: 10.1159/000104862
5. **Graham, J.E.**, Christian, L.M., & Kiecolt-Glaser, J.K. (2006). Stress, age, and immune function: Toward a lifespan approach. *Journal of Behavioral Medicine, 29*, 389-400. doi: 10.1007/s10865-006-9057-4
4. **Graham, J.E.**, Christian, L. M., & Kiecolt-Glaser, J.K. (2006). Close relationships and immunity. In R. Ader (Ed.), *Psychoneuroimmunology, 4<sup>th</sup> ed, Vol. 2, 781-798*. Burlington, MA: Elsevier, Inc. doi: 10.1097/01.shk.0000258380.48362.c9
3. **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. doi: 10.1176/ps.2007.58.7.1017
2. **Graham, J.E.**, Robles, T.F., Kiecolt-Glaser, J.K., Malarkey, W.B., Bissell, M.G., & Glaser, R. (2006). Hostility and pain are related to inflammation in older adults. *Brain, Behavior, and Immunity, 20*, 389-400. doi: 10.1016/j.bbi.2005.11.002
1. **Graham, J.E.**, Lobel, M., & DeLuca, R.S. (2002). Anger after childbirth: An overlooked reaction to postpartum stressors. *Psychology of Women Quarterly, 26*, 222-233. doi: 10.1111/1471-6402.00061

## PUBLICATIONS UNDER REVIEW

\* Denotes a graduate student or postdoctoral scholar mentored by Dr. Graham-Engeland; † Denotes an undergraduate student mentored by Dr. Graham-Engeland.

9. McDonnell, S., **Graham-Engeland, J.E.**, Sliwinski, M.J., Engeland, C.G., & Knight, E.L. (under review at *Frontiers in Neuroscience*). Cognotoxemia: Endotoxemia and gender predict changes in working memory performance in healthy adults.
8. Dial, B., Zawadzki, M.J. (dual-first au), **Graham-Engeland, J.E.**, Witzel, D.D., Tobin, J.N., Cassells, A., & Brondolo, E. (under review at the *Journal of Social and Personal Relationships*). Discrimination moderates associations between momentary anger coping and subsequent interpersonal interaction quality.

7. Witzel, D.D., Bhat, A.C., **Graham-Engeland, J.E.**, & Almeida, D.M. (under review at *Brain, Behavior, and Immunity*). The intersection of age, race, and inflammation: Insights on “age three ways” from Midlife in the United States study.
6. Khoo, S. & **Graham-Engeland, J.E.** (revising subsequent to invited resubmission to *Media Psychology*). Exploring the stress-buffering effect of contemplating tragic films on health symptoms.
5. Aytuglu, A. \*, **Graham-Engeland, J.E.**, Feinberg, M., Jones, D., & Schreier, H. (under revision following invited resubmission for *Journal of Family Psychology*). Child sleep problems mediate the link between first-time fathers’ parenting stress and child blood glucose levels.
4. Kang, J. \*, **Graham-Engeland, J.E.**, Martire, L.M., Almeida, D., & Sliwinski, M.J. (under review following invited revision at the *Journal of Gerontology, Series B: Psychological Sciences*). Short-term coupling associations between state loneliness and cognitive performance in older adults.
3. Robles, P.L. \*, Zawadzki, M.J. (dual-first author), **Graham-Engeland, J.E.**, Hussain, M., & Brondolo, E. (under review following invited resubmission for a special, invited edition of *Health Psychology*). At the intersection of age and gender: Testing moderation of the links between negative interpersonal interactions and both blood pressure and mood in daily life.
2. Kang, J. \*, Sliwinski, M.J., **Graham-Engeland, J.E.**, Martire, L.M., & Almeida, D. (under review following invited revision at *BMC Public Health*). Chronic loneliness and longitudinal changes in cognitive functioning based on a measurement burst design.
1. Harrington, E.E. \*, Gamaldo, A.A., Sliwinski, M.J., Hakun, J. G., Buxton, O. M., Katz, M. J., Derby, C. A., Foor, K.†, Engeland, C. G., & **Graham-Engeland, J.E.** (under review following invited revision at *Current Psychology*). Characteristics of discrimination and ambulatory cognitive performance among older adults.

#### **SELECTED PUBLICATIONS IN PREPARATION (FULL DRAFT CIRCULATING)**

\* Denotes a graduate student or postdoctoral scholar mentored by Dr. Graham-Engeland; † Denotes an undergraduate student mentored by Dr. Graham-Engeland.

6. Witzel, D.D., Scott, S.B., Engeland, C.G., Sliwinski, M.J., Smyth, J.M., Knight, E.L., Jones, D.R., Sin, N.L., & **Graham-Engeland, J.E.** (in preparation). Understanding the associations between anticipatory stress and cortisol profiles: Findings from the ESCAPE project.
5. Kang, J. \*, Jones, D.R., **Graham-Engeland, J.E.**, & Sliwinski, M.J. (in preparation for *Emotion*). Loneliness moderates emotional responses to uplifts in everyday life.
4. Kelliher, J.C., Engeland, C.G., **Graham-Engeland, J.E.**, Katz, M., & Shearer, G.C. (in preparation). Gender and racial/ethnic differences in omega 3 oxylipin composition of high-density lipoprotein (HDL): Associations with mild cognitive impairment and dementia risk.
3. **Graham-Engeland, J.E.**, Witzel, D. \*, Harrington, E.E. \*, Martire, L.M., Van Bogart, K. \*, & Engeland, C.G. (in preparation for *Journal of Behavioral Medicine*). Social interactions and the connection between negative affect and pain in older adults.
2. Van Bogart, K. \* Zawadski, M.Z., & **Graham-Engeland, J.E.** (in preparation). Lonely and on guard: A biobehavioral review of social hypervigilance within loneliness.
1. **Graham-Engeland, J.E.**, Fair, E. \*(dual-first au), Witzel, D., Robles, P.L., Russell, M.A., Zawadzki, M.J., Hussain, M., & Brondolo, E. (in preparation). The relationship between discrimination and anger expression style in a community sample: The role of social vigilance and rumination.

#### **CONFERENCE TALKS AND PLENARY SESSIONS AS CHAIR OR CO-CHAIR**

4. Van Bogart, K. \*, Scott, S., Sliwinski, M.J., Harrington, K., & **Graham-Engeland, J.E.** (March 2023). Examining the vicious cycle of loneliness and anxiety among older adults in daily life. In K.

Van-Bogart, K. & **J.E. Graham-Engeland (Co-Chair)** & J. Holt-Lunstad (Discussant). *Leveraging EMA data in the Biobehavioral Examination of Loneliness*. Presented as a symposium at the annual meeting of the American Psychosomatic Society, March 2023 in San Juan, Puerto Rico.

3. **Graham-Engeland, J.E.**, Engeland, C.G., DeMeo, N.\*, & Van Bogart, K\*. (presented orally, September 2021). Negative mood in daily life as a predictor of inflammation: A stress story. In **J.E. Graham-Engeland (Chair)**, *The interaction between cortisol and the immune system in health and disease*. Invited plenary session for the annual meeting of the International Society of Psychoneuroendocrinology.
2. Engeland, C., Smyth, J., Slavish, D.\*, & **Graham, J.E.** (2013, March). Lessons learned from the bench: Relating salivary to blood-based inflammatory markers. In **J.E. Graham (Chair)**, and C.G. Engeland & J. Smyth (Co-Chairs), *Beyond Salivary Cortisol: Salivary Biomarkers of Immune Function and Stress at the Cutting Edge*. Symposium presented at the annual meeting of the American Psychosomatic Society, Miami, FL.
1. **Graham, J.E.**, Kiecolt-Glaser, J.K., Malarkey, W.B., and Glaser, R. (2006, May). Proinflammatory cytokines, stress, and acute and chronic pain. In **J.E. Graham (Chair)** and L. Watkins (Co-Chair), *Inflammation, immune activation, and pain: Basic science and clinical studies at the cutting edge*. Symposium presented at the annual meeting of the Psychoneuroimmunology Research Society, Miami, Florida.

#### INVITED TALKS AND CONFERENCE SYMPOSIA

25. Van Bogart, K. \*, Harrington, E.E., Mogle, J.A., Kang, J.\*, Sliwinski, M.J., & **Graham-Engeland, J.E.** (pending presentation). Loneliness and memory lapses among older adults in daily life. In K. Britton, (Chair), *Research Advances Using Digital Methods to Assess Cognition in Older Adults*. Pending presentation as an oral talk at the Gerontological Society of America Conference, Seattle, WA.
24. Witzel, D.D.\*, Engeland, C.G., Ashley-Douglas, S., Tennyson, R.L.\*, Slavich, G.M., & **Graham-Engeland, J.E.** (2024, June). Racial differences in associations between adversity and inflammation: Findings from the Einstein Aging Study. Presented (by Graham-Engeland) at the annual meeting of the Psychoneuroimmunology Research Society (PNIRS), Halifax, Canada.
23. Aytuglu, A.\*, **Graham-Engeland, J.E.**, Feinberg, M.E., Jones, D.E., & Schreier, H.M.C. (accepted, pending presentation). Child sleep problems mediate the link between fathers' parenting stress and child HbA1c levels. Pending presentation as a paper presentation in the session *Biological, Social, and Psychological Benefits of Father Involvement* at the National Council on Family Relations (NCFR), Bellevue, WA.
22. Aytuglu, A. \*, **Graham-Engeland, J.E.**, Feinberg, M. E., Jones, D.E., & Schreier, H.M.C. (June 2024). Parenting Stress, Coparenting Relationships, and Child Cardiovascular Disease Risk. In A. Aytuglu & G. L. Brown (Chairs), *The Development of the early coparenting partnership: Correlates and consequences across cultural contexts*. Presented as a talk at the International Society for the Study of Behavioral Development, Lisbon, Portugal.
21. Khoo, G.S. & **Graham-Engeland, J.E.** (2024, June). Processing emotionally challenging entertainment with openness enhances self-compassion: Tragedy and catharsis revisited. To be presented as a talk at the annual meeting of International Communication, Gold Coast, Australia.
20. **Graham-Engeland, J.E.**, Witzel, D. \*, Harrington, E.E. \*, Martire, L.M., Van Bogart, K. \*, & Engeland, C.G. (2024, March). The negative affect and pain connection in older adults: The role of social interactions and enjoyment. Presented as a talk as part of the symposium "7

Positive Factors in Aging Populations” at the annual meeting of the American Psychosomatic Society, Brighton, England.

19. Zawadzki, M.J., **Graham-Engeland, J.E.**, & Brondolo, E. (2024, March). Lagging behind: Examining how variations in typical controls alter the association between interpersonal mistreatment and subsequent negative mood. Presented as a talk as part of the symposium “20 Social Processes” at the annual meeting of the American Psychosomatic Society, Brighton, England.
18. Engeland, C.G., Wright, M.A., Tennyson, R.\* , Knight, E.K., & **Graham-Engeland, J.E.** (2024, March). Inflammatory biomarkers in older adults: Stability, correlations, and components. Presented as a talk as part of the symposium “Methodological and Measurement Considerations and Innovations in Aging Biomarkers” (Chair, Reed, R.) at the annual meeting of the American Psychosomatic Society, Brighton, England.
17. Van Bogart, K.\* , Witzel, D.\* , Engeland, C.G., & **Graham-Engeland, J.E.** (2023, November). The role of mild cognitive impairment and marital status on the association between loneliness and intrusive thoughts among older adults in everyday life. Presentation as a talk as part of the Symposium submission “Using Intensive Repeated Measurement to Determine the Emotional Consequences of Negative Relationship Experiences” (Chair Dakota Witzel) at the annual meeting of the Gerontological Association of America (GSA), Tampa FL.
16. Hamilton, J., **Graham-Engeland, J.E.**, & Lobel, M. Mentoring the Mentors (2023, June). Presented (by Lobel and Hamilton) as an invited talk at the Academy of Behavioral Medicine Research, Banff, Canada.
15. Knight, E.L., **Graham-Engeland, J.E.**, Sliwinski, M.J., & Engeland, C.G. (2023, March). Greater ecologically-assessed positive experiences predict heightened sex hormone concentrations across two-weeks in older adults. Presented as a talk in the symposium session Experience Sampling and Biological Variables at the annual meeting of the American Psychosomatic Society, San Juan, Puerto Rico.
14. Brondolo, E. Zawadzki, M.J., **Graham-Engeland, J.E.**, Fair, E.V.\* , Hussain, M., & Robles, P.L. (2022, March). Discrimination moderates the effects of anger expression on social interactions in the moment. Presented as a talk at the annual meeting of the American Psychosomatic Society, Long Beach CA.
13. Engeland, C.G., Knight, E.L., Sliwinski, M.J., Harrington, E.\* & **Graham-Engeland, J.E.** (2020, March). Practice effects on cognitive performance are attenuated by higher peripheral inflammation: A study in midlife adults. Presented as a talk (by Knight) at the annual meeting of the American Psychosomatic Society, Long Beach CA.
12. Knight, E. L., Majd, M., **Graham-Engeland, J.E.**, Smyth, J. M., Sliwinski, M. J., Engeland, C. E. (2020, March). Gender differences in the link between depressive symptoms and ex vivo inflammatory responses are associated with markers of endotoxemia. Paper accepted for the meeting of the American Psychosomatic Society, Long Beach, CA (conference cancelled due to pandemic).
11. Slavish, D.C., **Graham-Engeland, J.E.**, Szabo, Y.Z. (2020, March). Salivary markers of inflammation in response to acute stress. In Y. Szabo & D. Slavish (Co-Chairs), Stress, health and salivary markers of immunity: The state of the field and opportunities for future directions. Paper accepted for the meeting of the American Psychosomatic Society, Long Beach, CA (conference cancelled due to pandemic).
10. **Graham-Engeland, J.E.** (2017, February). *Mood, pain, and inflammation: The complexities of real-life associations*. The Ohio State University, Institute for Behavioral Medicine Research.
9. **Graham-Engeland, J.E.** (2015, May). *Mood, pain, and inflammation: New evidence for momentary connections and prospects for intervention*. Colorado University at Boulder, Department of Psychology & Neuroscience.

8. **Graham, J.E.** (2013, April). Grand Rounds invited speaker. *When emotion and stress are a pain: The role of inflammation and meaning-making*. The University of Pittsburgh Department of Medicine, Division of Rheumatology & Clinical Immunology.
7. **Graham, J.E.** (2012, October). Moderator for *Approaches to Measuring Families*. Presentation session at Penn State's 20th Annual Symposium on Family Issues: Emerging Methods in Family Research.
6. **Graham, J.E.** (2010, November). Relationships, stress, and immune function: Potential for pain and healing. In K. Ehrlich (Chair), *Relationships, Stress, and Immune Function*. Symposium presented at the annual University of Maryland Bioscience Day, Washington, D.C.
5. **Graham, J.E.** (2009, June). Inflammatory markers from blood: Value, selection, and assessment. In Gerin, W. (Chair), *The First Annual Summer Institute for Stress Psychophysiology: Theory and Methodologies*, The Pennsylvania State University, University Park, PA.
4. **Graham, J.E.** (2009, May). Relationship stress, aging, and immune function. In D. Fishbein (Chair), *Relationships, stress, and health across the lifespan*. Symposium presented at the annual meeting of the Society for Prevention Research, Washington, D.C.
3. **Graham, J.E.** (2007, April). *Pain, inflammation, and stress: Implications for aging*. Gerontology Center Colloquium, The Pennsylvania State University, University Park, PA.
2. **Graham, J.E.** (2005, October). *Stress, emotions, and inflammation: The PNI of pain and wound healing*. Social and Health Psychology Colloquium, Stony Brook University, Stony Brook, NY.
1. Lobel, M., **Graham, J.E.**, & DeVincent, C.J. (2002, February). Explaining stress effects on birth outcome: Health behaviors, ethnicity, and socioeconomic status. Presented as a talk **[by Graham]** in R. Zambrana (Chair), *Translating psychosocial research into culturally competent health care*. Symposium presented at the American Psychological Association Conference on Women's Health: Enhancing Outcomes in Women's Health, Washington, D.C.

#### CONFERENCE PRESENTATIONS (NATIONAL/INTERNATIONAL), POSTERS AND SHORT TALKS

\* Denotes a graduate student or postdoctoral scholar mentored or co-mentored by Dr. Graham-Engeland; † Denotes an undergraduate student mentored by Dr. Graham-Engeland.

100. Kang, J.\*, **Graham-Engeland, J.E.**, Martire, L.M., Almeida, D.M., & Sliwinski, M.J. (pending presentation). Short-term coupling associations between state loneliness and cognitive performance in daily life among older adults. Accepted for presentation as a poster at the Gerontological Society of America Conference, Seattle, WA, November 2024.
99. Knight, E.K., Tennyson, R.L. \*, Wright, M.A., **Graham-Engeland, J.E.**, & Engeland, C.G. (pending presentation). Effects of fasting status on plasma endocrine biomarkers in older adults. Accepted for presentation as a poster at the Gerontological Society of America Conference, Seattle, WA, November 2024.
98. Engeland, C.G., Tennyson, R\*., Wright, M.A., Mousavi, L., Buxton, O., & **Graham-Engeland, J.E.** (pending presentation). Effects of fasting status on blood-based inflammatory biomarkers in older adults. Accepted for presentation as a poster at the Gerontological Society of America Conference, Seattle, WA, November 2024.
97. Wright, M.A., Harrington, E.E. \*, Sliwinski, M.J., **Graham-Engeland, J.E.**, Engeland, C.G. (pending presentation). Inflammation and domain-specific cognitive performance: Results from the Einstein Aging Study. Accepted for presentation as a poster at the Gerontological Society of America Conference, Seattle, WA, November 2024.
96. Kang, J.\*, Sliwinski, M.J., Oravec, Z., Engeland, C.G., & **Graham-Engeland, J.E.** (pending presentation). Loneliness as a predictor of cognitive decline in older adults: Insights from a measurement burst design using the Einstein Aging Study. To be presented as a poster presentation at the Alzheimer's Association International Conference, Philadelphia, PA.

95. Harrington, E.E.\* , Van Bogart, K.\* , **Graham-Engeland, J.E.**, Mogel, J.A., Katz, M.J., Lipton, R.B., Sliwinski, M.J., & Engeland, C.G. (pending presentation). Inflammation and daily memory lapses among older adults in the Einstein Aging Study: Associations by mild cognitive impairment status and gender. To be presented as a poster at the Alzheimer's Association International Conference, Philadelphia, PA.
94. Engeland, C.G., Wright, M.A., Tennyson, R.L., Mousavi, L., Buxton, O.M., & **Graham-Engeland, J.E.** (June 2024). Effects of fasting status on plasma concentrations of inflammatory and neurodegenerative biomarkers and hormones in older adults. Submitted for presentation at the annual meeting of the Psychoneuroimmunology Research Society (PNIRS), Halifax, Canada.
93. Wright, M.A., Harrington, E.E. \* , **Graham-Engeland, J.E.**, Sliwinski, M.J., Lipton, R.B., Katz, M., Engeland, C.G. (June 2024). Associations of Interleukin-6 with cognitive functions among older adults: Results from the Einstein Aging Study. Presented as a poster at the annual meeting of the Psychoneuroimmunology Research Society (PNIRS), Halifax, Canada.
92. Jones, D.R.\* & **Graham-Engeland, J.E.** (March 2024). Associations between personality and affect are influenced by assessment strategy. Presented as a poster at the annual meeting of the American Psychosomatic Society, Brighton, England.
91. Van Bogart, K.\* & **Graham-Engeland, J.E.** (March 2024). The relationship between loneliness, rumination, and anticipatory stress in daily life. Presented (by Graham-Engeland) as a citation poster for the annual meeting of the American Psychosomatic Society, Brighton, England.
90. **Graham-Engeland, J.E.**, Witzel, D.\* , Harrington, E.E.\* , Martire, L. M., Engeland, C.G., & Van Bogart, K.\* (November 2023). Disrupting the negative affect and pain connection in older adults: The role of social interactions and enjoyment. Presented as a poster at the annual meeting of the Gerontological Association of America (GSA), Tampa FL.
89. Tennyson, R.\* , Wright, M.A., Knight, E.L., **Graham-Engeland, J.E.**, & Engeland, C.G. (November 2023). Stability and inter-relationships of inflammatory markers across two weeks in older adults. Presented as a poster at the annual meeting of the Gerontological Association of America (GSA), Tampa FL.
88. Harrington, E.E.\* , **Graham-Engeland, J.E.**, Sliwinski, M.J., Mogle, J., Lipton, R., Katz, M., & Engeland, C.G. (November 2023). Examining two consecutive years of older adults' everyday prospective memory lapses and inflammation by gender. Presented as a poster for the annual meeting of the Gerontological Association of America (GSA), Tampa FL.
87. Harrington, K.D., Zhaoyang, R., Mogle, J., Diaz, J., Bogart, K.V., Rabin, L., Engeland, C.G., **Graham-Engeland, J.E.**, and Sliwinski, M.J. (July 2023). Loneliness and daily subjective cognitive concerns among cognitively normal older adults and individuals with MCI. Presented as a poster (remotely) at the annual meeting of the Alzheimer's Association International Conference (AAIC).
86. Bertisch, S., Ji, L., Schade, M.M., **Graham-Engeland, J.E.**, Derby, C.A., Engeland, C., & Buxton, O.M. (July 2023). Associations between sleep-disordered breathing and inflammatory markers: Results from the Einstein Aging Study. Presented as a poster (remotely) at the annual meeting of the Alzheimer's Association International Conference (AAIC).
85. Ji, L., Shen, Y., Harrington, E.E.\* , Van Bogart, K.\* , **Graham-Engeland, J.E.**, Derby, C., Engeland, C.G., & Buxton, O.M. (July 2023). Variability in sleep is associated with inflammatory biomarkers: Results from the Einstein Aging Study. Presented as a poster (remotely) at the annual meeting of the Alzheimer's Association International Conference (AAIC).
84. Harrington, E.E.\* , **Graham-Engeland, J.E.**, Lipton, R., Roque, N.A., Sliwinski, M.J., & Engeland, C.G. (July 2023). Inflammation and working memory performance in everyday life: Gender differences among older adults with and without cognitive impairment. Presented as a poster (remotely) at the annual meeting of the Alzheimer's Association International Conference (AAIC).



83. Ji, L., Shen, Y., Harrington, E.E.\*, Van Bogart, K.\*, Engeland, C.G., **Graham-Engeland, J.E.**, Bertisch, S.M., Derby, C.A., & Buxton, O.M. (June 2023). The association between sleep health facets and inflammatory markers: Results from the Einstein Aging Study. Presented at SLEEP.
82. Goulden, E.H., Engeland, C.G., **Graham-Engeland, J.E.**, Sliwinski, M.J., & Knight, E.L. (June 2023). Sex steroids buffer the relationship between self-reported psychosocial stress and glucocorticoids. Presented as a poster at the Psychoneuroimmunology Research Society (PNIRS), Boulder CO.
81. Wright, M.A., Knight, E.L., **Graham-Engeland, J.E.**, & Engeland, C.G. (June 2023). Intra-individual stability of repeated measures of circulating and stimulated cytokines among older adults. Presented orally at the annual meeting of the Psychoneuroimmunology Research Society (PNIRS), Boulder CO.
80. Harrington, E.E.\*, Gamaldo, A.A., Sliwinski, M.J., Hakun, J.G., Engeland, C.G., & **Graham-Engeland, J.E.** (March 2023). Racial differences in the links between perceived discrimination, depressive symptoms, and everyday working memory among older Black and White adults. Presented as a citation poster at the annual meeting of the American Psychosomatic Society, San Juan, Puerto Rico.
79. Lipitz, S.R.\*, Harrington, E.E.\*, Engeland, C.G., & **Graham-Engeland, J.E.** (March 2023). Associations between stress, unconstructive repetitive thought, and affect are moderated by age in a diverse midlife sample. Presented as a poster at the annual meeting of the American Psychosomatic Society, San Juan, Puerto Rico.
78. Witzel, D.D.\*, **Graham-Engeland, J.E.**, Stawski, R.S., & Chandler, K. (March 2023). The influence of marital quality on resolving daily arguments with and without spouses and same day and next day affect. Presented as a poster at the annual meeting of the American Psychosomatic Society, San Juan, Puerto Rico.
77. Wright, M.A., Knight, E.L., **Graham-Engeland, J.E.**, & Engeland, C.G. (March 2023). Stability of ex-vivo stimulated cytokines varies by subjective health status in a sample of older adults. Presented as a poster at the annual meeting of the American Psychosomatic Society, San Juan, Puerto Rico.
76. Jones, D.R.\*, Smyth, J.M., Lanza, S.T., Allen, H.K., & **Graham-Engeland, J.E.** (March 2022). Associations between positively valenced affect and health behaviors vary by arousal. Presented at the annual meeting of the Society for Affective Science, Long Beach, CA.
75. Zavala, D., Dzikowski, N., Gopalan, S, Mann, F., Pasquini, G., Reid, K., **Graham-Engeland, J.E.**, Engeland, C.G., Bernard, K., Veeramah, K., & Scott, S.B. (November 2022). Applying new methods to existing datasets to test stress effects on biological aging. Presented as a poster at the annual meeting of the Gerontological Society of America, Indianapolis, IN.
74. Harrington, E.E.\*, **Graham-Engeland, J.E.**, Sliwinski, M.J., Van Bogart, K., & Engeland, C.G. (November 2022). Everyday prospective memory lapses and inflammation in older adults. Presented as a poster at the annual meeting of the Gerontological Society of America, Indianapolis, IN.
73. Engeland, C.G., Katz, M.J, Qin, J., Wang, C., Ashton, N.J., Blennow, K., Zetterberg, H., **Graham-Engeland, J.E.**, Pavlovic, J., Derby, C.A., Lipton, R.B. (July 31-Aug 4, 2022). Blood-based biomarkers for neurodegeneration in non-Hispanic Black and White older adults: Results from the Einstein Aging Study (EAS). Presented at the annual meeting of the Alzheimer's Association International Conference (AAIC), online poster presentation (conference held in hybrid mode, in San Diego, CA).
72. Shen, Y., Master, L., Gamaldo, A., **Graham-Engeland, J.E.**, Derby, C., & Buxton, O.M. (June 2022). Association of personality with actigraphy derived sleep midpoint among U.S. older adults. Presented as a poster at the annual meeting of SLEEP, Charlotte, NC.

71. Harrington, E.E.\*, Gamaldo, A.A., Sliwinski, M.J., Hakun, J., Katz, M.J., Derby, C., Engeland, C.G., & **Graham-Engeland, J.E.** (April 2022). Characteristics of discrimination and associations with cognition among Black and White older adults. Presented as a poster at the annual meeting of the Cognitive Aging Conference, Atlanta, GA.
70. Van Bogart, K.\*, Engeland, C. G., Sliwinski, M.J., Harrington, K.D., Knight, E.L.\* , Zhaoyang, R., Scott, S.B., & **Graham-Engeland, J.E.** (March 2022). The association between loneliness and inflammation: Findings from an older adult sample. Presented as a poster at the annual meeting of the American Psychosomatic Society, Long Beach, CA.
69. Dou, N., Liao, Y., Li, R., Francis, L.A, **Graham-Engeland, J.E.**, Murray-Kolb, L.E., & Na, M. (September 2021). Daily food insecurity predicts adverse heart rate variability in healthy low-income adults over two seasonal months. Presented as a poster at the NIH Food Insecurity, Neighborhood Food Environment, and Nutrition Health Disparities: State of the Science virtual workshop.
68. Knight, E.L.\*, Harrington, E.E\*, Pavlović, Sliwinski, M.J., **Graham-Engeland, J.E.**, and Engeland, C.G. (November 2021) Inflammatory biomarkers and sex hormones interact to predict ecologically-assessed cognitive performance. Presented as a late-breaking poster (in video format) at the annual meeting of the Gerontological Society of America.
67. Engeland, C.G, Knight, E.L.\*, Sliwinski, M.J., & **Graham-Engeland, J.E.** Interactive effects of age and inflammation on change in ecologically-assessed cognitive functioning. (November 2021). Presented as a poster (in video format) at the annual meeting of the Gerontological Society of America.
66. Na, M. Dou, N., Liao, Y., Rincon, S.J., Francis, L.A, **Graham-Engeland, J.E.**, Murray-Kolb, L.E., & Li, R. (June, 2021). Daily food insecurity predicts lower positive and higher negative affect: An ecological momentary assessment study. Presented as a poster at the Annual American Society for Nutrition meeting.
65. Squyres, E., Slavish, D., & **Graham-Engeland, J.E.** (June 2021). The role of self-esteem and sleep on inflammatory markers in young adults. Presented at the Associated Professional Sleep Societies annual meeting.
64. Jones, D.R.\*, Allen, H.K., Lanza, S.T., & **Graham-Engeland, J.E.** (April 2021). Daily associations between affect and alcohol use among adults: The importance of affective arousal. Presented orally at the annual meeting of the Society of Behavioral Medicine.
63. Van Bogart, K.\*, Smyth, J.M., Scott, S.S., Engeland, C.G., Sliwinski, M.J., & **Graham-Engeland, J.E.** (April 2021). The link between loneliness & self-esteem in a midlife sample: Moderation by gender. Presented as a Research Spotlight (recorded presentation with moderated feedback) at the annual meeting of the Society of Behavioral Medicine.
62. Fair, E.\* , Brondolo, E., Robles, P.L, Russell, M.A., Zawadzki, M., Hussein, M, & **Graham-Engeland, J.E.** (April 2021). Associations between perceived discrimination, social vigilance, rumination, and anger expression styles in a diverse community sample. Presented as a Research Spotlight (recorded presentation with moderated feedback) at the annual meeting of the Society of Behavioral Medicine.
61. DeMeo, N.\* , Van Bogart, K., & **Graham-Engeland, J.E.** (March 2021). Discordance between enacted and preferred introversion-related behaviors: Implications for well-being and associations with trait introversion. Presented (poster with recorded narration) at the annual meeting of the Society for Personality and Social Psychology Health Preconference.
60. Knight, E.L.\* , Majd, M., **Graham-Engeland, J.E.**, & Engeland, C.G. (December 2020). Depressive symptoms and other negative psychological states predict ex vivo inflammatory responses over time: The role of gender. Presented online as a citation poster at the annual conference of the American Psychosomatic Society

59. Zawadzki, M.J., **Graham-Engeland, J.E.**, Robles, P.L., & Brondolo, E. (December 2020). Negative mood mediates the relationship between negative interpersonal interactions and ambulatory blood pressure: An ecological momentary assessment study of Black and Hispanic participants. Presented online (with a video component) as a citation poster at the annual conference of the American Psychosomatic Society; *awarded first prize among presentations in the Stress & Health section.*
58. Harrington, K.D., Zhaoyang, R., Pasquini, G., **Graham-Engeland, J.E.**, Katz, M., & Scott, S. B. (October 2020). Oral presentation at the COVID-19 Work In Progress Conference. Adjusting to COVID-19 the Pandemic: Einstein Aging Study Participants & Protocol, USC Dornsife Center for Economic and Social Research.
57. Harrington, K.D., Zhaoyang, R., Scott, S. B., **Graham-Engeland, J.E.** & Sliwinski, M. (November 2020). Resilience to loneliness among older adults living in the Bronx, NY during the COVID-19 pandemic. Presented as an online poster (with audio and moderated discussion board) at the Gerontological Society of America.
56. Van Bogart, K.\* , Kang, J.E, Engeland, C.G., Sliwinski, M.J., Smyth, J.M., & **Graham-Engeland, J.E.** Exploring the associations between loneliness and inflammation. Poster accepted for presentation at the annual meeting of the American Psychosomatic Society, March 2020, Long Beach, CA (conference cancelled due to pandemic).
55. Jones, D.R.\* , Smyth, J.M., & **Graham-Engeland, J.E.** (March 2020). High arousal positive affect is associated with better subjective sleep among midlife adults. Poster accepted for presentation at the annual meeting of the American Psychosomatic Society, Long Beach, CA (conference cancelled due to pandemic).
54. DeMeo, N.N.\* , Scott, S., Jones, D.\* , Smyth, J., Sliwinski, M.J., & **Graham-Engeland, J.E.** (March 2020). Low extraversion is associated with fewer and less enjoyable daily uplifts, and certain hassles. Poster accepted for presentation at the annual meeting of the American Psychosomatic Society, Long Beach, CA (conference cancelled due to pandemic).
53. Song, S.\* , Majd, M., DeMeo, N.\* , Almeida, D., & **Graham-Engeland, J.E.** (August 2019). Depressive symptoms predict levels of inflammation 10 years later and the role of sleep quality: Findings from the Midlife in the United States (MIDUS) study. Presented as a poster at the annual meeting of the Korean Psychological Association, Seoul, South Korea.
52. Hyun, J., Lipton, R., Zhaoyang, R., **Graham-Engeland, J.E.**, Pavlovic, J.M., & Sliwinski, M.J. (November 2019). Affectionate physical touch mitigates pain and emotional distress in older adults. Presented at the annual meeting of the Gerontological Society Association, Austin TX.
51. Jones, D.R.\* & **Graham-Engeland, J.E.** (March 2019). Positive affect and peripheral inflammation: A review. Presented as a citation poster at the annual meeting of the American Psychosomatic Society, Vancouver Canada.
50. Knight, E.L., Majd, M., **Graham-Engeland, J.E.**, Smyth, J.M., Sliwinski, M.J., Lipton, R.B., Katz, M.J., & Engeland, C.G. (June 2018). Stress indirectly links to *ex vivo* inflammatory responses via depressive symptoms and is moderated by gender. Presented as a poster at the Psychoneuroimmunology Research Society, Miami, FL.
49. Knight, E.L.\* , Majd, M., **Graham-Engeland, J.E.**, Smyth, J.M., Sliwinski, M.J., Lipton, R.B., Katz, M.J., & Engeland, C.G. (April 2018). The stress-inflammation link is mediated by depressive affect and moderated by gender. Presented as a poster at the Society for Affective Science, Los Angeles, CA.
48. Knight, E.L.\* , Majd, M., **Graham-Engeland, J.E.**, Smyth, J.M., Sliwinski, M.J., Lipton, R.B., Katz, M.J., & Engeland, C.G. (March 2018). The link between stress and inflammation is mediated by depressive symptomatology and moderated by gender. Presented as a citation poster at the American Psychosomatic Society, Louisville, KY.

47. Jones, D.R.\*, Johnson, J.A., **Graham-Engeland, J.E.**, Park, C.L., Smyth, J.M. (March 2018). Is perceived growth associated with momentary indicators of health and well-being? Presented as a poster at the annual meeting of the American Psychosomatic Society, Louisville, KY.
46. Mathur, A.\*, Sliwinski, M.J., Jones, D.R.\*, Engeland, C.G., Smyth, J.M., Lipton, R.B., Katz, M.J., & **Graham-Engeland, J.E.** (March 2018). Peripheral inflammation and recent physical pain: Moderation by aggregated momentary negative affect. Presented as a poster at the annual meeting of the American Psychosomatic Society, Louisville, KY.
45. Slavish, D.C.\*, **Graham-Engeland, J.E.**, Engeland, C.G., Taylor, D.J., & Buxton, O.M. (March 2018, pending). Insomnia symptoms and stress-related vulnerability to sleep disturbances are associated with elevated inflammation. Presented as a poster at the annual meeting of the American Psychosomatic Society, Louisville, KY.
44. Slavish, D.C.\*, **Graham-Engeland, J.E.**, Smyth, J.M., & Martire, L.M. (May 2017). Bidirectional associations between daily pain, affect, and sleep quality in young adults with and without chronic back pain. Poster presentation at the annual meeting of the American Pain Society in Pittsburgh, PA.
43. Jones, D.R\*., Smyth, J.M., Sliwinski, M.J., Engeland, C.G., Sin, N.L.\*, Lipton, R.B., Katz, M.J., Almeida, D., **Graham-Engeland, J.E.** (March 2017). Positive emotion variability is associated with circulating inflammatory markers. Oral presentation at the annual meeting of the American Psychosomatic Society in Seville, Spain.
42. Slavish, D.C.\*, **Graham-Engeland, J.E.**, Martire, L.M., & Smyth, J.M. (March 2017). Temporal dynamics between daily affect, pain, and nightly sleep quality in young adults. Oral presentation at the annual meeting of the American Psychosomatic Society in Seville, Spain.
41. **Graham-Engeland, J.E.**, Slavish, D.C., Smyth, J.M., Engeland, C.G., Song, S.\* & McCormick, N<sup>†</sup>. (March 2017). Positive affect is associated with lower salivary C-reactive protein in young adults with and without chronic pain. Poster presentation at the annual meeting of the American Psychosomatic Society in Seville, Spain.
40. Engeland C.G., Majd M., **Graham-Engeland J.E.**, Smyth J.M., Sliwinski M.J., Lipton R.B., Katz M.J. (2016, June). *Higher depressive symptoms relate to different inflammatory response patterns (ex vivo) among men and women.* Presented as a poster at the annual meeting of the Psychoneuroimmunology Research Society, Brighton U.K.
39. **Graham-Engeland, J.E.**, Engeland, C.G., Sin, N.L.\*, Smyth, J.M., Sliwinski, M.J., Almeida, D.M., Lipton, R.B., Katz, M.J. (2016, June). *The relationship between mood and inflammatory biomarkers is influenced by their temporal proximity and mood assessment method.* Presented orally at the annual meeting of the Psychoneuroimmunology Research Society, Brighton U.K.
38. Majd, M., **Graham-Engeland, J.E.**, Smyth, J.M., Sliwinski, M.J., Lipton, R.B., & Katz, M.J., Engeland, C.G. (2016, March). *Gender differences in the relationship between depressive symptoms and LPS-induced inflammation.* Oral presentation at the annual meeting of the American Psychosomatic Society in Denver CO.
37. Jones, D.\*, Lehman, B.J., & **Graham-Engeland, J.E.** (2016, March). *Mindfulness meditation moderates associations between daily stress and low and high activation positive affect but not daily stress and negative affect.* Citation poster presented at the annual meeting of the American Psychosomatic Society in Denver CO.
36. Mathur, A.\*, **Graham-Engeland, J.E.**, Sliwinski, M.J., Smyth, J.M., Lipton, R.B., & Katz, M.J., (2016, March). *Psychological vulnerabilities explain an association between chronic life stress and pain: The role of resilience resources.* Citation poster presented at the annual meeting of the American Psychosomatic Society in Denver CO.
35. Slavish, D.C.\*, **Graham-Engeland, J.E.**, Sliwinski, M.J., Smyth, J.M., Almeida, D.M., Lipton, R.B., & Katz, M.J. (2016, March). *Daily rumination mediates the relationship between trait*

*neuroticism and nightly sleep quality*. Citation poster presented at the annual meeting of the American Psychosomatic Society in Denver CO.

34. **Graham-Engeland, J.E.**, Sin, N.L.\*, Smyth, J.M., Sliwinski, M.J., Jones, D.\*, Almeida, D.M., Lipton, R.B., Katz, M.J., & Engeland, C.G. (2016, March). *Peripheral inflammatory biomarkers are linked with momentary affect but not global recalled affect*. Poster presented at the annual meeting of the American Psychosomatic Society in Denver CO.
33. Wilson, Stephanie J., Martire, Lynn M., & **Graham-Engeland, J.E.** (2015, November). *Using audio and ambulatory technology to examine daily pain expression in chronic pain*. Presented at the annual meeting of the Gerontological Society of America, Washington, D.C.
32. Sin, N.L., **Graham-Engeland, J.E.**, Almeida, D.M., Sliwinski, M.J., Smyth, J.M., Lipton, R.B., Katz, M.B., & Engeland, C.G. (2015, June). *Good moments add up for inflammatory health: Associations of momentary positive events with inflammatory state and responsiveness*. Presented as a citation poster and a short oral presentation at the annual meeting of the Psychoneuroimmunology Research Society, Seattle, WA.
31. **Graham-Engeland, J.E.**, Zawadzki, M., Slavish, D.C.\*, & Smyth, J.M. (2015, March). *How momentary positive and negative mood and depressive symptoms predict pain in daily life among rheumatoid arthritis patients*. Citation poster presented at the annual meeting of the American Psychosomatic Society, Savannah, GA.
30. Qi, S., Munoz, E., **Graham-Engeland, J.E.**, Smyth, J., Sciegaj, M., & Sliwinski, M.J. (2014, November). *The association between social isolation and chronic disease burden*. Poster presented at the Gerontological Society of America's Annual Scientific Meeting; Washington, D.C.
29. Sin, N.\*, **Graham-Engeland, J.E.**, Ong, A.D., & Almeida, D.M. (2014, November). *Affective reactivity to daily positive events and inflammation*. Oral presentation at the annual meeting of the Gerontological Society of America, Washington, D.C.
28. Sin, N.\*, **Graham-Engeland, J.E.**, & Almeida, D.M. (2014, March). *Daily positive events and inflammation*. Oral presentation at the annual meeting of the American Psychosomatic Society, San Francisco, CA.
27. Slavish, D.\*, & **Graham-Engeland, J.E.** (2014, March). *Depressed mood mediates the relationship between rumination and sleep quality*. Poster presented at the annual meeting of the American Psychosomatic Society, San Francisco, CA.
26. **Graham-Engeland, J.E.**, Slavish, D.\*, Munoz, L., Sliwinski, M., Song, S.\*, Katz, M., & Lipton, R. (2014, March). *Rumination (sometimes) mediates the association between depressed mood and health symptomatology: The moderating role of stress*. Poster presented at the annual meeting of the American Psychosomatic Society, San Francisco, CA.
25. Song, S.\*, Martire, L.M., Mogle, J., & **Graham, J.E.** (2012, April). *Daily mood and spousal responses interact to affect sleep quality among knee arthritis patients*. Poster presented at the annual meeting of the Society for Behavioral Medicine, New Orleans, LA.
24. Song, S.\*, **Graham, J.E.**, Corwin, E.J., Ceballos, R.M., Taylor, S.E., Klein, L.C. (2011, June). *The role of negative social relationships and hostility in inflammatory cytokine response to a laboratory stressor*. Poster presented at the annual meeting of the Psychoneuroimmunology Research Society, Chicago, IL.
23. Zawadzki, M.J., **Graham, J.E.**, & Gerin, W. (2011, April). *The loneliness-depression link: Examining the mediating roles that loneliness and anxiety play*. Poster presented at the annual meeting of the Society for Behavioral Medicine, Washington, D.C.
22. Zawadzki, M.J., **Graham, J.E.**, & Gerin, W. (2011, March). *An examination of the role that rumination and anxiety have in connecting loneliness with poor sleep quality and*

*perceived chronic stress*. Poster presented at the annual meeting of the American Psychosomatic Society, San Diego, CA.

21. **Graham, J.E.**, Song, S.\*, Klein, L.C, Wagstaff, D., & Whetzel, C.A. (2010, June). *Effects of elicited state anger, happiness, and sadness on serum IL-6, IL-10, and cortisol responses to pain among rheumatoid arthritis patients*. Poster presented at the annual meeting of the Psychoneuroimmunology Research Society, Dublin, Ireland.
20. Song, S.\*, Whetzel, C., Klein, L.C., & **Graham, J.E.** (2010, March). *Effects of state positive affect on cortisol AUC among rheumatoid arthritis patients*. Poster presented at the annual meeting of the American Psychosomatic Society, Portland OR.
19. **Graham, J.E.**, Streitl, K.\*, & Fagioletti, C.† (2010, March). *Unique effects of pain and stress indicators on depressed mood among rheumatoid arthritis patients*. Poster presented at the annual meeting of the American Psychosomatic Society, Portland OR.
18. **Graham, J.E.**, Song, S.\*, Glaser, R., Malarkey, W.B., & Kiecolt-Glaser, J.K., (2009, June). *Acute pain and skin barrier wound recovery: The role of depressed mood and anxiety*. Poster presented at the annual meeting of the Psychoneuroimmunology Research Society, Breckenridge, CO.
17. Song, S.\*, **Graham, J.E.**, & Sohn, Y. (2009). *Alcohol use of adolescent prisoners compared to high school students: Role of emotion and emotion regulation*. Poster presented at the annual meeting of the American Psychosomatic Society, Chicago, IL.
16. **Graham, J.E.** & Streitl, K.L.\* (2009, March). *Pain severity and sleep quality among young adults with and without chronic pain*. Citation poster presented at the annual meeting of the American Psychosomatic Society, Chicago, IL.
15. Kiecolt-Glaser, J.K., **Graham, J.E.**, Malarkey, W.B., Porter, K., Lemeshow, S., & Glaser, R. (2008, March). *Olfactory influences on mood and autonomic, endocrine, and immune function*. Symposium presentation at the annual meeting of the American Psychosomatic Society, Baltimore, MD.
14. **Graham, J.E.**, & Streitl, K.L.\* (2008, March). *Sleep quality and pain severity among young adults with and without chronic pain: The role of depressed mood and biobehavioral factors*. Citation poster presented at the annual meeting of the American Psychosomatic Society, Baltimore, MD.
13. **Graham, J.E.**, Thorne, C.J.\*, Propst, M.E.†, & Fagioletti, C.F.† (2008, March). *Psychological stress moderates the association between pain severity and depressed mood*. Poster presented at the annual meeting of the American Psychosomatic Society, Baltimore, MD.
12. Cannella, D.T., Lobel, M. Glass, P. Lokshina, I. & **Graham, J.E.** (2007, March). *Chronic pain and depressed mood: The role of intrapersonal coping resources*. Poster presented at the annual meeting of the Society of Behavioral Medicine, Washington, D.C.
11. **Graham, J.E.**, Glaser, R., Loving, T.J., Malarkey, W.B., and Kiecolt-Glaser, J.K. (2007, March). *Expression of cognitive words attenuates serum IL-6 and TNF-a increases following marital conflict*. Poster presented at the annual meeting of the Society of Behavioral Medicine, Washington, D.C.
10. Cannella, D.T., Lobel, M., **Graham, J.E.**, DeVincent, C., Schneider, J., Meyer, B. A. (2006, May). *Pregnancy-specific stress: Associations with health behaviors*. Poster presented at the annual meeting of the American Psychological Society, New York, New York.
9. **Graham, J.E.**, Glaser, R., Loving, T.J., Malarkey, W.B., and Kiecolt-Glaser, J.K. (2006, May). *Cognitive words expressed during marital conflict discussion predict less prolonged increases in serum IL-6 following conflict*. Poster presented at the annual meeting of the Psychoneuroimmunology Research Society, Miami, FL.

8. **Graham, J.E.**, Christian, L.M., Glaser, R., Loving, T.J., Malarkey, W.B., and Kiecolt-Glaser, J.K. (2006, March). *Psychosocial predictors of marital stress-induced impairment of wound healing*. Citation poster presented at the annual meeting of the American Psychosomatic Society, Denver, CO.
7. Robles, T.F., **Graham, J.E.**, Kiecolt-Glaser, J.K., Malarkey, W.B., and Glaser, R. (2005, June). *Older adults, C-reactive protein, and health related quality-of-life: Associations across a 5-year span*. Poster presented at the annual meeting of the Psychoneuroimmunology Research Society, Denver, CO.
6. **Graham, J.E.**, Robles, T.F., Kiecolt-Glaser, J.K., Malarkey, W.B., and Glaser, R. (2005, June). *The impact of hostility and anger expression on CRP and IL-6 in older adults: The independent role of pain and perceived health*. Poster presented at the annual meeting of the Psychoneuroimmunology Research Society, Denver, CO.
5. Cannella, D.T., Lobel, M., & **Graham, J.E.** (2005, April). *The impact of prenatal maternal stress and health behaviors on birth outcomes*. Poster presented at the annual meeting of the Society for Behavioral Medicine, Boston, MA.
4. **Graham, J.E.**, Lobel, M., Glass, P., & Lokshina, I. (2005, March). *Moderators of the benefits of constructive anger expression in chronic pain patients*. Poster presented at the annual meeting of the American Psychosomatic Society, Vancouver, Canada.
3. Cannella, D.T., Lobel, M., **Graham, J.E.**, Glass, P., & Lokshina, I. (2004, May). *Factors that influence depressed mood in chronic pain patients*. Poster presented at the annual meeting of the American Psychological Society, Chicago, IL.
2. **Graham, J.E.**, Lobel, M., Glass, P., & Lokshina, I. (2003, May). *Effects of written constructive anger on chronic pain patients' health and coping*. Poster presented at the annual meeting of the American Psychological Society, Atlanta, GA.
1. **Graham, J.E.**, Lobel, M., & DeLuca, R.S. (2001, March). *Postpartum anger: An overlooked reaction to delivery and related stressors*. Poster presented at the annual meeting of the Society for Behavioral Medicine, Seattle, WA.

## EDITORIAL SERVICE

### Editorial Boards

2020-present *Annals of Behavioral Medicine*

2020-present *Health Psychology Review*

2008-2012 *Journal of Social Issues*

### Ad Hoc Reviewer

*Psychosomatic Medicine; Health Psychology; Annals of Behavioral Medicine; Brain, Behavior, and Immunity; Psychoneuroendocrinology; Journal of Gerontology: Psychological Sciences; Gerontology; Journal of Behavioral Medicine; Journal of Psychosomatic Research; Psychology and Health; The Clinical Journal of Pain; Psychiatry Research; Journal of Family Issues; Journal of Wound Care; Personal Relationships; Aging and Health; Journal of Research on Adolescence; PLOS-one; Pain Medicine; Sleep Health; International Journal of Behavioral Medicine; Affective Science; Frontiers in Communication*

## PROFESSIONAL SERVICE

### Advisory Panels

NIH advisory panel for social and behavioral science study sections (a systematic evaluation and restructuring of study sections as part of CSR's ENQUIRE [Evaluating PaNel Quality in REview] process); July 17-18, 2023.

## Grant Application Review

Standing member, NIH Study section: Social Psychology, Personality, and Interpersonal Processes (SPIP), July 2017-2021

NIH Study section ad-hoc reviewer: Social Psychology, Personality, and Interpersonal Processes (SPIP), Oct 2015, Washington, D.C.; Feb 2016, San Diego, CA

Special emphasis panel for the *National Center for Complementary and Alternative Medicine (NCCAM)*, initiative in non-pharmacological approaches to manage pain and co-morbid conditions, ZAT1 HS-15; March 31-April 1, 2014, Bethesda, MD

Merit Review for the Department of Veteran Affairs, Mental Health and Behavioral Sciences Panel (MHBA), December 2015.

Penn State Clinical and Translational Science Institute, Bridges to Translation, ad-hoc reviewer, September 2015.

## Conference Related Service

*Abstract Reviewer, American Psychosomatic Society (International Conference); Fall 2008; Fall 2009, Fall 2010, Fall 2012; Fall 2013; Fall 2016, Fall 2019, Fall 2022*

*Abstract Reviewer, American Psychological Association, Div 38; Spring 2012, 2013, 2015*

*Faculty Mentor, American Psychosomatic Society Mentor/Mentee program, 2014, 2013, 2016*

*Abstract Reviewer, Women's Health Research Day, Penn State University, 2017*

## Other Professional Service

Tenure and Promotion Letter of Reference (2015; 2017; 2021; 2022; 2023; 2024)

## UNIVERSITY SERVICE

### Committees

2024- *Chair*, Promotion and Tenure Committee, Biobehavioral Health, Penn State University  
2024- Center for Healthy Aging Leadership, *Associate Director*  
2024- Alumni Engagement Network liaison, on behalf of the Center for Healthy Aging  
2022- *BBH Advisory Committee*, Biobehavioral Health, Penn State University  
2023-2024 *Committee member*, Promotion and Tenure Committee, Biobehavioral Health, Penn State University  
2022-2024 Health and Human Development (HHD) *Professor in Charge (PIC) of Graduate Programs Committee*  
2022-2024 *Chair, BBH Graduate Program Committee*, Biobehavioral Health, Penn State University  
2023 *Committee member*, Search Committee for Environmental Health Science faculty member, joint with SSRI, Biobehavioral Health, Penn State University  
2023 *Committee member*, Search Committee for Environmental Health Science faculty member, joint with Big Data Analytics, Biobehavioral Health, Penn State University  
[2021-2022] [Sabbatical]  
2017-2021 Health and Human Development (HHD) *Professor in Charge (PIC) of Graduate Programs Committee*  
2017-2021 *Chair, BBH Graduate Program Committee*, Biobehavioral Health, Penn State University  
2017-2021 *BBH Advisory Committee*, Biobehavioral Health, Penn State University  
2016-2021 *Faculty representative, Alumni Society Board of Directors*, College of Health and Human Development, Penn State University  
2019-2021 *Chair*, Faculty Search, Edna Bennett Pierce Endowed Professorship in Biobehavioral Health, Biobehavioral Health, Penn State University



- 2018-2019 *Committee member, Search Committee for Teaching Assistant Professor (Ethics), Biobehavioral Health, Penn State University*
- 2019, Spring *Committee member, Graduate Student Travel Grant Review Committee, Graduate School, Penn State University*
- 2018 *Committee member, Soistman Faculty Endowment Selection Committee, College of Health and Human Development, Penn State University*
- 2017-2018 *Committee member, Search Committee for Research Assistant Professor (Methods), Biobehavioral Health, Penn State University*
- 2017-2018 *AD-14 committee (appointed) to review HHD's Research and Graduate Education, College of Health and Human Development, Penn State University*
- 2017 *Search Committee for Associate Dean of the Graduate School, Penn State University*
- 2017 *Soistman Faculty Endowment Selection Committee, College of Health and Human Development, Penn State University*
- 2017 *BBH Graduate Program Committee, Biobehavioral Health, Penn State University*
- 2016-2017 *BBH Advisory Committee (elected), Biobehavioral Health, Penn State University*
- 2016-2017 *Chair, Graduate Council Committee on Committees and Procedures, Penn State University*
- 2015-2017 *Chair, Graduate Council Fellowship and Awards, Penn State University*
- 2015-2017 *Graduate Council (elected), College of Health and Human Development, Penn State University*
- 2015-2017 *Women's Leadership Initiative Internal Advisory Committee, Penn State University*
- 2015-2017 *Chair, Website Development Committee, Biobehavioral Health, Penn State University*
- 2015-2016 *Department Head Search Committee, Penn State University*
- 2015-2016 *Sabbatical Leave Review Committee, College of Health and Human Development, Penn State University*
- [2014-2015] *[Sabbatical]*
- 2007-2014 *Website Faculty Liaison, Biobehavioral Health, Penn State University*
- 2011-2013 *Graduate Admissions Committee, Biobehavioral Health, Penn State University*
- 2010-2011 *Chair, Graduate Council Committee on Academic Standards, Penn State University*
- 2009-2010 *Graduate Council Committee on Academic Standards, Penn State University*
- 2009-2011 *Graduate Council (elected), Penn State University*
- 2008-2009 *Faculty Search Committee, Biobehavioral Health, Penn State University*
- 2008-2009 *Graduate Admissions Committee, Biobehavioral Health, Penn State University*
- 2006-2008 *Scholarships Committee, Biobehavioral Health, Penn State University*
- 2006-2007 *Awards Committee, Biobehavioral Health, Penn State University*
- 2002-2003 *Graduate Committee, Psychology, Stony Brook University*
- 2000-2001 *Grievance Committee, Psychology, Stony Brook University*
- 2000 *Faculty Search Committee, Women's Center, Stony Brook University*
- 1999 *New Graduate Student Orientation, Psychology, Stony Brook University*
- 1999 *Faculty Search Committee, Psychology, Stony Brook University*

**Invited Service-related Talks (University/ College/ Departmental level)**

- Graham-Engeland, J.E.** (2022, October). *Understanding the links between stress, mood, and health: Biological mechanisms and prospects for intervention.* Department of Psychology, Stony Brook University.
- Graham-Engeland, J.E.** (2018, June). *When focusing on negative emotion is good for your health.* Penn State Alumni Association reunion luncheon. College of Health and Human Development, Penn State University.
- Graham-Engeland, J.E.** (2017, December). *Grant writing for the NIH: Basics and Specific Tips for Success.* In D. Downs (Chair), *Understanding the Grant Review Process at Federal Agencies: A Workshop for Faculty.* The Social Science Research Institute, The Pennsylvania State University
- Graham-Engeland, J.E.** (2015, December). *Mood, pain, and inflammation: The pivotal role of mood*

*and emerging prospects for intervention.* The Pennsylvania State University, Department of Biobehavioral Health.

## **MEDIA-RELATED SERVICE AND OTHER PUBLIC COVERAGE OF RESEARCH (SELECTED)**

- "[Impaired sleep quality may help explain the long-term effects of depressive symptoms on inflammation](#)," PsyPost (09/04/2022)
- "[Negative mood signals body's immune response](#)," Penn State News (12/20/2018); Multiple news outlets picked up this piece. It was highlighted in [Reddit](#), and in multiple original pieces such as in [Psychology Today.com](#) and [Bustle](#).
- "[Emotions like anger and sadness may cause pain as well as being a result of it](#)," Penn State News (09/10/2018); multiple news outlets also reported on this piece.
- "[Facing adversity early in life linked with more physical pain in adulthood](#)", Penn State News (05/11/2018); Multiple news outlets picked up this piece, including [Pain News Network](#), [Pacific Standard](#), and [Science Daily](#)
- "Studying stress and its connection with chronic pain", [Interview podcast on People Behind the Science](#) (08/14/2015).
- "[Joy from the little things will keep you healthy: Research shows that positive experiences can reduce symptoms of chronic inflammation](#)". [RewireMe.com](#) (12/16/2014).
- "[Long-term benefit from staying calm in stressful circumstances](#)". [Psych Central](#) (06/10/15)
- "[Link between mood, pain in rheumatoid arthritis patients](#)". [Science News](#) (08/28/2015)
- "[Mood and pain and intertwined in Rheumatoid Arthritis](#)". [Rheumatology Network](#). (09/21/2015)
- "[Fight with your lover? Your words can affect your health](#)". [ABC News.com](#). (11/18/2009); 60+ national press stories published in Nov-Dec 2009 on this Health Psychology manuscript, including an interview for the U.S. Dept. of Health and Human Services program "HHS Health Beat" (12/17/2009)
- "[10 secrets to staying pain-free](#)". [Self Magazine](#) (02/2010)
- "Probing question: [Do women have a higher pain threshold than men?](#)". [Research/Penn State online magazine](#) (11/2008)

## **THESIS SUPERVISION & ADVISING**

### **Postdoctoral Trainees**

- 2023-present Rob Tennyson (*Co-advisor with Dr. Christopher Engeland*), starting Aug 31, 2023
- 2023-present Alp Aytuglu (*Co-advisor with Dr. Hannah Schreier*), starting Sept 12, 2023
- 2022-present Dakota Witzel (*Primary Advisor*). Recipient: fellowship funded by the T32 "Pathways" NIA funded Training Grant via the Center for Healthy Aging
- 2021-2023 Erin Harrington (*Co-advisor with Dr. Christopher Engeland*)  
Recipient: Co-funding and training support via the Center for Healthy Aging (2022); NIH R03 (2023) "*Prospective memory in everyday life: Lapses and decline in relation to inflammatory and neurodegenerative biomarkers in older adults*"
- 2019-2020 Erik Knight (*Co-advisor with Dr. Christopher Engeland*)  
Recipient: fellowship funded by the T32 "Pathways" NIA funded Training Grant via the Center for Healthy Aging

- NIH R21 (2019) "*Sex hormones, inflammation, and cognitive decline in older men and women*"
- 2016-2018 Britney Wardecker (Co-advisor with Dr. David Almeida).  
Recipient: Fellowship funded by the T32 "Pathways" NIA funded Training Grant via the Center for Healthy Aging
- 2013-2017 Nancy Sin [Co-advisor; other co-advisors during this time were Dr. David Almeida (2012-2017), Dr. Orfeu Buxton (2014-2016), Dr. Christopher Engeland (2014-2015)]  
Recipient: National Research Service Award from the National Institute on Aging (two years post-doctoral support); Training plan: The Role of Daily Well-being in Inflammatory Processes and Diurnal Cortisol. Advisors/Sponsors: Drs. David Almeida and Jennifer Graham-Engeland

### Current Doctoral Students

- 2024- Destiny Gilliland  
Recipient under supervision: Penn State University Bunton Waller award, 2024 (one full year of support)
- 2024- Caesar Liu  
Recipient under supervision: Penn State University Graduate Fellowship, 2024 (one full year of support)
- 2021-2023 Sarah Lipitz  
*Currently on medical leave* Recipient under supervision: Penn State University Britton Graduate Fellowship, 2021 (one full year of support).
- 2019-present Karina Van Bogart  
Dissertation: *Loneliness in daily life: Examining the roles of loneliness chronicity and negatively biased cognitions*  
Recipient under supervision: Robert W. Graham Endowed Fellowship (\$2,000), 2019, College of Health and Human Development; Pathways T32 Training grant fellow for training in interdisciplinary research related to aging, 2022-2024 (two full years of support); Gerald E. McClearn Graduate Student Award (\$1,426); Edward R. and Helen Skade Hintz Graduate Education Enhancement Fellowship Award, 2021 & 2022; BBH Graduate Student Teaching Award, 2024;. Limited Funds Dissertation Award from the College of Health and Human Development, 2024 (\$1400);

### Past Doctoral Students Supervised (Advisor, Chair)

- 2018-2023 Natasha DeMeo, MS, Biobehavioral Health  
Recipient under supervision: Penn State University Graduate Fellowship, 2018 (one full year of support); Edward R. and Helen Skade Hintz Graduate Education Enhancement Fellowship Award, 2021 & 2022.
- 2015-2020 Dusti Jones, PhD, Biobehavioral Health  
Dissertation: *Does arousal matter for positive affect? An exploration of high and low arousal positive affect in everyday life and associations with health behaviors and symptomatology*  
Recipient under supervision: Hintz Graduate Student Excellence Award, 2017 and 2018 (College of Health and Human Development); Ford Endowment Award for Biobehavioral Health, 2015; Pathways T32 Training grant fellow for training in interdisciplinary research related to aging, 2018 (one full year of support). Kligman Graduate Fellowship Endowment, 2015-2016 (College of Health and Human Development; one full year of support).

- 2012-2017 Danica Slavish, PhD, Biobehavioral Health  
 Dissertation: *The role of neuroticism in daily experiences, affect, and nightly sleep quality*.  
 Recipient under supervision: Alumni Dissertation Award (Penn State University), 2017; American Psychological Association (APA) Dissertation Research Award, 2016; American Psychosomatic Society Travel Award, 2017; National Science Foundation (NSF) Graduate Research Fellowship, 2013-2016 (3 years graduate support; Advisor Dr. Jennifer Graham-Engeland); Kligman Graduate Fellowship Endowment, 2015-2016 (College of Health and Human Development; one full year of support); Recipient: Hintz Graduate Student Excellence Award, 2015 (College of Health and Human Development); Gerald E. McClearn Graduate Student Award, 2015 (Dept. of Biobehavioral Health); Graduate Student Scientific Achievement Award, 2014 (Dept. of Biobehavioral Health); Graduate Student Research Endowment Award, 2014-15 (Dept. of Biobehavioral Health).
- 2014-2018 Ambika Mathur, MS, Biobehavioral Health  
 Recipient under supervision: Ford Endowment Award for Biobehavioral Health, 2014  
 Master's thesis: see below.
- 2008-2013 Sunmi Song, PhD, Biobehavioral Health  
 Dissertation: *Integrating social relationship dynamics into the association between emotional disturbances and physical health: A stress psychophysiological approach*.  
 Recipient under supervision: Hintz Graduate Student Excellence Award, 2012; Kligman Graduate Fellowship Endowment, 2012-2013 (one full year of support).
- 2013-2014 Andrew Porter, PhD, Biobehavioral Health; *transferred to Graham from another lab prior to dissertation proposal*  
 Dissertation: *Sexual health communication, peer networks, and sexual health education*.

### Graduate Masters Thesis Committees and Supervision

- 2024 Aishwarya Ganguli (advisor: Hannah Schreier, Biobehavioral Health, Penn State University)
- 2023 Emily Fair (advisor: Michael Russell, Biobehavioral Health, Penn State University)
- 2021 Megan Bradson (advisor: Peter Arnett, Psychology)  
 Thesis: *Coping style moderates the effect of pain on depression in multiple sclerosis*
- 2017 Ambika Mathur\*  
 Thesis: *Mood and sleep disturbance explain an association between early life adversity and pain: The role of resilience resources*
- 2010 Katherine Streitl\*  
 Thesis: *Explaining gender differences in the white coat effect*

\*Chair of committee; advisee of Jennifer Graham-Engeland

### Dissertation Committee Membership

- 2024-present Sun Ah Lee, Human Development and Family Studies, College of Health & Human Development. Advisor: David Almeida
- 2023-present Megan Bradson, Psychology, College of Liberal Arts. Advisor: Peter Arnett.
- 2023-2023 Julia Kelliher, Physiology and Behavior, College of Health & Human Development. Advisor: Gregory Shearer.
- 2022-2023 Jee eun Kang, Human Development and Family Studies, College of Health & Human

- Development. Advisor: Martin Sliwinski.
- 2022-2023 Suyoung Nah, Human Development and Family Studies, College of Health & Human Development. Advisor: Lynn Martire.
- 2021-2023 Shayan Shayesteh, Architectural Engineering, College of Engineering. Advisor: Houtan Jebelli.
- 2021-2022 Shyuan Ching Tan, Human Development and Family Studies, College of Health & Human Development. *Application of life purpose in addressing health disparities and minorities of health*. Advisor: Alyssa Gamaldo.
- 2018-2020 Dusti Jones\*, Biobehavioral Health, College of Health & Human Development. *See above for dissertation information*.
- 2017-2020 Jessica Brooks\*, Biobehavioral Health, College of Health & Human Development. *College women's condom use: A comprehensive relationship science approach*. Chair of committee: Graham-Engeland (formerly advised by Patricia Koch, and Gary King).
- 2016-2020 Hanjoo Kim, Clinical Psychology, College of the Liberal Arts. *Testing contrast avoidance model using a computer-based analysis of emotional facial expressions*. Advisor: Michelle Newman.
- 2018-2019 Margaret Cadden, Psychology, College of the Liberal Arts. *Examining cognitive reserve as a moderator of neuropsychiatric sequelae of multiple sclerosis*. Advisor: Peter Arnett.
- 2017-2018 Sulumann (Sully) Coleman, Biobehavioral Health, College of Health & Human Development. *The effects of narcissism on stress-reactivity to social exclusion*. Advisor: Joshua Smyth
- 2017-2018 Lindsey Potter, Biobehavioral Health, College of Health & Human Development. *An ecological momentary investigation of weight stigma: Exploring associations between weight vigilance and poor health in everyday life*. Advisor: Joshua Smyth.
- 2015-2017 Danica Slavish\*, Biobehavioral Health, College of Health and Human Development. *See above for dissertation information*.
- 2015-2015 Arezou Mortazavi, Clinical Psychology, College of the Liberal Arts. *The role of state and trait positivity in response and recovery from negative emotion*. Advisor: José Soto.
- 2012-2015 Elizabeth Munoz, Human Development and Family Studies, College of Health & Human Development. *Stress, cognition, and aging: An examination of predictors and mechanisms*. Advisor: Martin Sliwinski.
- 2013-2015 Dede Ukueberuwa, Clinical Psychology, College of the Liberal Arts. *Neural networks for positive and negative emotional processing in multiple sclerosis*. Advisor: Peter Arnett.
- 2013-2014 Andrew Porter\*, Biobehavioral Health, College of Health & Human Development. *See above for dissertation information*.
- 2011-2014 Nastassia Hajal, Child Clinical Psychology, College of the Liberal Arts. *Neurophysiological and behavioral dynamics of emotion in mothers of young children*. Advisors: Pamela Cole & Douglas Teti.
- 2012-2013 Sunmi Song\*, Biobehavioral Health, College of Health & Human Development. *See above for dissertation information*.
- 2011-2013 Jean Lamont, Social Psychology, College of the Liberal Arts. *Body shame and health information seeking: The roles of body responsiveness and perceived control over health*. Advisor: Karen Gasper.
- 2010-2012 Soon Khoo, Video and Media Studies, College of Communications, *The therapeutic effects of cinematic human drama: An experimental study of catharsis through narrative media and writing intervention*; Advisor: Mary Beth Oliver.

- 2010-2011 Kerry Michael, Biobehavioral Health, College of Health & Human Development, *Social and physiological processes underlying sensation-seeking and behavioral inhibition: Potential mechanisms linking personality to health*; Advisor: Dr. Sonia Cavigelli.
- 2009-2010 Jeannette Bennett, Biobehavioral Health, College of Health & Human Development, *Nicotine modulation of anti-viral immunity in periadolescent male and female C57BL/6J mice*; Advisor: Dr. Laura Klein.

*\*Chair of committee; advisee of Jennifer Graham-Engeland*

### **Comprehensive Examination Committee Membership**

- 2024-present Jessica Biegler, Nursing and Clinical and Translational Science, College of Nursing; Advisor: Dr. Marie Boltz
- 2021-2023 Karina Van Bogart\*, Biobehavioral Health, College of Health & Human Development
- 2020-2023 Emily Fair, Biobehavioral Health, College of Health & Human Development
- 2020-2021 Suyoung Nah, Human Development and Family Studies, College of Health & Human Development. Advisor: Lynn Martire
- 2020-2021 Shyuan Ching Tan, Human Development and Family Studies, College of Health & Human Development. Advisor: Alyssa Gamaldo
- 2020-2021 Natasha DeMeo\*, Biobehavioral Health, College of Health & Human Development
- 2020-2021 Jee eun Kang, Human Development and Family Studies, College of Health & Human Development. Advisor: Martin Sliwinski
- 2017 Ambika Mathur\*, Biobehavioral Health, College of Health & Human Development
- 2017 Margaret Cadden, Clinical Psychology. College of the Liberal Arts. Advisor: Peter Arnett
- 2016 Lindsey Potter, Biobehavioral Health, College of Health & Human Development. Advisor: Joshua Smyth
- 2016 Sulumann (Sully) Coleman, Biobehavioral Health, College of Health & Human Development
- 2015 Danica Slavish\*, Biobehavioral Health, College of Health & Human Development
- 2013 Dede Ukueberuwa, Clinical Psychology, College of the Liberal Arts. Advisor: Peter Arnett.
- 2012 Amy Thierry, Biobehavioral Health, College of Health & Human Development. Advisor: Shedra Amy Snipes.
- 2012 Brittney Hultgren, Biobehavioral Health, College of Health & Human Development. Advisor: Dr. Robert Turrisi.
- 2012 Jennifer Morack, Human Development and Family Studies, College of Health & Human Development. Advisor: Nilam Ram & Denis Gerstorf.
- 2012 Elizabeth Munoz, Human Development and Family Studies, College of Health & Human Development. Advisor: Martin Sliwinski.
- 2012 Sunmi Song\*, Biobehavioral Health, College of Health & Human Development.
- 2011 Nastassia Hajal, Child Clinical Psychology, College of the Liberal Arts. Advisors: Pamela Cole & Douglas Teti.
- 2011 Jean Lamont, Social Psychology, College of the Liberal Arts. Advisor: Stephanie Shields.
- 2011 Kimberly Walter, Biobehavioral Health, College of Health & Human Development. Advisor: Laura Klein.
- 2010 Soon Khoo, Video and Media Studies, College of Communications. Advisor: Mary Beth Oliver.
- 2009 Andrew Porter, Biobehavioral Health, College of Health & Human Development. Advisor: Patricia Koch.

- 2010 Kerry Michael, Biobehavioral Health, College of Health & Human Development.  
Advisor: Sonia Cavigelli.
- 2009 Jeannette Bennett, Biobehavioral Health, College of Health & Human Development.  
Advisor: Laura Klein.

*\*Chair of committee; advisee of Jennifer Graham-Engeland*

**Selected Qualifying Exam Committee Membership (Since 2014)**

- 2023 Taylor Turrisi, Biobehavioral Health, College of Health & Human Development
- 2022 Hayley Shasteen, Biobehavioral Health, College of Health & Human Development
- 2021 Aishwarya Ganguli, Biobehavioral Health, College of Health & Human Development
- 2020-2021 Fernanda Lugo, Biobehavioral Health, College of Health & Human Development
- 2020 Karina Van Bogart\*, Biobehavioral Health, College of Health & Human Development
- 2019 Brooke Mattern, Biobehavioral Health, College of Health & Human Development
- 2019 Emily Fair, Biobehavioral Health, College of Health & Human Development
- 2019 Natasha DeMeo\*, Biobehavioral Health, College of Health & Human Development
- 2016 Dusti Jones\*, Biobehavioral Health, College of Health & Human Development
- 2016 Emily Jones, Biobehavioral Health, College of Health & Human Development. Advisor:  
Hannah Schreier
- 2016 Gina Mathew, Biobehavioral Health, College of Health & Human Development.  
Advisor: Anne-Marie Chang
- 2015 Ambika Mathur\*, Biobehavioral Health, College of Health & Human Development
- 2014 Sulamunn (Sully) Coleman, Biobehavioral Health, College of Health & Human  
Development. Advisor: Joshua Smyth

*\*Chair of committee; advisee of Jennifer Graham-Engeland*

**Undergraduate Honors Theses Supervised**

- 2024 Saran Ashley-Douglas. *Applying cumulative disadvantage theory to understand adversity across the lifespan and later life inflammation*. Biobehavioral Health, Penn State University
- 2019 Alexandria Stone. *Acute physical pain and salivary inflammation in young adults: Moderation by negative affect*. Biobehavioral Health, Penn State University
- 2016 Corinne Renner. *Nutrition education and childhood health*. Co-supervisor. (Primary advisor, Dr. Lori Francis). Biobehavioral Health, Penn State University
- 2015 Danielle Kovalsky. *Utility of appraisals during peri-trauma as a predictor of post-traumatic stress symptoms following pediatric injury*. Biobehavioral Health, Penn State University
- 2014 Sara Manetta, *Pain, depressed mood, and academic performance in undergraduate students with chronic pain*. Biobehavioral Health, Penn State University
- 2014 Autumn Bowers, *Perceived stigma and depressed mood in in undergraduate students with chronic pain*. Biobehavioral Health, Penn State University
- 2010 Anjana Sinha, *The significance of acute pain and mood in inflammation through complement within rheumatoid arthritis*. Biobehavioral Health, Penn State University
- 2009 Christine Fagioletti, *Perceived stigma in chronic pain patients*. Biobehavioral Health, Penn State University
- 2008 Katherine Streitl, *Sleep quality among young adults with and without chronic pain: The role of Biobehavioral factors*, Biobehavioral Health, Penn State University

## Undergraduate Honors Theses Second Reader

2009 Elisabet Eppes, *The ethical and historical implications of biological reductionism in psychiatric perspectives on social anxiety disorder and the case for explanatory pluralism*, Advisor, Dr. Laura Klein; Biobehavioral Health, Penn State University

## Research Awards to Supervised Undergraduate Students

- 2021 Kaylee Foor, *Erikson Summer Research Award* (\$3,000), College of Health and Human Development
- 2019 Micailah Guthrie, *Summer Research Opportunities Program (SROP)*, Penn State University Graduate School
- 2019 Alexandria Stone, *Pattishall Undergraduate Research Award*, College of Health and Human Development
- 2016 Nolan McCormick, *Summer Research Award* (\$2500), College of Health and Human Development
- 2015 Danielle Kovalsky, *Alumni Recognition of Student Excellence*, College of Health and Human Development
- 2014 Sara Manetta, *College Student Marshal for December 2014* graduating class, College of Health and Human Development
- 2012 Erica Stagliano, *Pattishall Undergraduate Research Award*, Biobehavioral Health, Penn State University; *Edith Pitt Chace Award*, College of Health and Human Development

## TEACHING EXPERIENCE

### Graduate Instruction, Dept. of Biobehavioral Health, Penn State University

Course: ***Professional Development in BBH Part 1 (BBH 597, 1.5 credit hours)***

Role: Course Instructor; deliver 24 lecture hours per semester

Semesters: Fall 2017, 2018, 2019, 2020, 2022 (100% responsibility)

Description: Developed this course in 2017 for Biobehavioral Health (BBH), with the goal of helping orient first year graduate students to graduate school (and the BBH PhD program specifically), and to be more successful at setting and meeting their goals. Students are provided with guidance toward diverse professional development issues, including topics related to research and teaching.

Course: ***Professional Development in BBH Part 2 (BBH 597, 1.5 credit hours)***

Role: Course Instructor; deliver 24 lecture hours per semester

Semesters: Spring 2018, 2019, 2020, 2021, 2022, 2023 (100% responsibility)

Description: Developed this course in 2018 for Biobehavioral Health (BBH), with the goal of enhancing professional development skills and success among BBH graduate students in their second year of graduate study. The course focuses on presentation skills, writing productivity, and career planning.

Course: ***Biobehavioral Health Systems in Health and Development: Theory and Processes (BBH 502, 3 credit hours)***

Role: Course Instructor; deliver 45 lecture hours per semester

Semesters: Fall 2023 (100% responsibility)

Description: This course focuses on basic principles, research findings, and theories related to behavioral medicine/ health psychology. Students come to each class prepared to discuss multiple readings, around which in-depth discussion and lecture revolves.

Course: ***Biobehavioral Health Systems in Health and Development: Theory and Processes (BBH 501, 3 credit hours)***



Role: Course Instructor; deliver 45 lecture hours per semester  
Semesters: Fall 2013 (50% responsibility); Fall 2016 (100% responsibility)  
Description: Helped revamp this interdisciplinary graduate course in 2016 for Biobehavioral Health (BBH). This course provides an introduction to broad concepts and research methods used in BBH. Students learn through lectures as well as by reading and discussing articles covering the breadth of psychological, behavioral, and physiological systems related to health.

Course: ***Biobehavioral Health Intervention/Prevention Strategies (BBH 504, 3 credit hours)***  
Role: Course Instructor; deliver 45 lecture hours per semester  
Semesters: Spring 2009 & Spring 2010 (50% responsibility); Spring 2012 (100% responsibility)  
Description: This course focuses on the development, implementation, and evaluation of biobehavioral strategies to promote health and well-being.

### **Undergraduate Instruction, Dept. of Biobehavioral Health, Penn State University**

Course: ***Interdisciplinary Integration in Biobehavioral Health (BBH 311, 3 credit hours)***  
Role: Course Instructor (100% responsibility); deliver 45 lecture hours per semester  
Semesters: Fall 2006; Spring 2008; Spring 2009, Spring 2010; Spring 2011; Fall 2012; Spring 2014; Fall 2015; Fall 2016  
Enrollment: 90-160 students  
Description: The primary objective of this course is to enable students to be able to review and understand scientific literature relevant to the concepts and findings of different scientific domains and integrate them into a Biobehavioral Health framework.

Course: ***Gender and Biobehavioral Health (BBH 315, 3 credit hours)***  
Role: Course Instructor (100% responsibility); deliver 45 lecture hours per semester  
Semesters: Spring 2007; Spring 2008, Fall 2009; Fall 2010; Fall 2011; Fall 2012  
Enrollment: typically 80-135 students  
Description: The focus of this course is the interdisciplinary study of gender differences (and similarities) in health. We examine the influence of biological, behavioral, psychosocial, and sociocultural factors on gender/sex differences in health, morbidity, and mortality.

Course: ***Drugs and Society (BBH 143, 3 credit hours)***  
Role: Course Instructor (100% responsibility); deliver 45 lecture hours per semester  
Semesters: Fall 2008, Fall 2009, Fall 2010  
Enrollment: 100 students  
Description: This course provides a fundamental understanding of health and social issues relating to drug use and abuse. Careful consideration is given to the most efficacious strategies for prevention, intervention, and treatment for drug-related disorders.

### **Undergraduate Instruction, Dept. of Social & Health Psychology, Stony Brook University**

Course: ***Social Psychology (PSY 240, 3 credit hours)***  
Role: Course Instructor (100% responsibility); 45 lecture hours  
Semesters: Summer 2002  
Enrollment: 30 students  
Description: Social Psychology involves the scientific study of the way in which people's thoughts, feelings, and behaviors are influenced by the social world. This course focused on key theories and research in social psychology, with particular emphasis on their relevance to real-world problems, including racial and gender discrimination, AIDS, violence, cigarette marketing, and environmental responsibility.

Course: ***Psychology of Women (PSY 347/ WST 377, 3 credit hours)***  
Role: Course Instructor (100% responsibility); 45 lecture hours  
Semesters: Summer 2001  
Enrollment: 30 students

Description: This course encompassed the vast field of the psychology of women. We covered psychological and psychobiological theories and research related to gender/sex differences and women's health, gender roles, and issues related to relationships and work.

Course: **Research Methods and Writing (PSY 310W, 3 credit hours)**

Role: Recitation Section Instructor (100% responsibility); 30 lecture hours

Semesters: Fall 2002

Enrollment: 30 students

Description: This recitation section accompanied a research methods course and was designed to help students think critically about psychological research and learn how to write and present a research proposal. Students wrote full length introduction and method sections, with substantial feedback.

### Graduate Guest Teaching Lectures

**Mediators and Moderators: Conceptual Frameworks for Thinking about Associations Between Variables**, Course: Biobehavioral Health Systems in Health and Development: Theory and Processes (BBH 501), Department of Biobehavioral Health (BBH), Penn State University (PSU) (1.5 lecture hours).

**Immune Function and Pain**, Course: Biobehavioral Systems in Health and Development: Processes and Integration (BBH 503), Department of Biobehavioral Health (BBH), Penn State University (PSU) (1.5 lecture hours).

**Emotions and Health**, Course: Biobehavioral Perspectives (BBH 502), Department of Biobehavioral Health (BBH), Penn State University (PSU) (3 lecture hours).

**Psychoneuroimmunology Core Concepts**, Course: Biobehavioral Health Systems in Health and Development: Theory and Processes (BBH 501), Penn State University (1.5 lecture hours).

### Undergraduate Guest Teaching Lectures

**Pain as a Stressor: A Psychosocial Perspective**, Course: Biobehavioral Aspects of Stress (BBH 432), Department of Biobehavioral Health (BBH), Penn State University (PSU) (1 lecture hour).

**Relationship Stress and Immune Function**, Course: Biobehavioral Aspects of Stress (BBH 432), Department of Biobehavioral Health (BBH), Penn State University (PSU) (1 lecture hour).

**Gender Differences in Acute and Chronic Pain**, Course: Gender and Biobehavioral Health (BBH 315), Department of Biobehavioral Health (BBH), Penn State University (PSU) (1 lecture hour).

**Psychosocial Factors in Chronic Pain and Pain Management**, Course: Pharmacological Influences on Health (BBH 451), Department of Biobehavioral Health (BBH), Penn State University (PSU) (1 lecture hour).

**Emotion, Stress, & Inflammation: A Research Program Focused on Pain**, Course: Introduction to Biobehavioral Health, Honors (BBH 101H), Department of Biobehavioral Health (BBH), Penn State University (PSU) (1 lecture hour)

**Stress, Age, & Immune Function**, Course: Interdisciplinary Integration in Biobehavioral Health (BBH 311), Department of Biobehavioral Health (BBH), Penn State University (PSU) (1 lecture hour)

**Stress and Cancer**, Course: Interdisciplinary Integration in Biobehavioral Health (BBH 311), Department of Biobehavioral Health (BBH), Penn State University (PSU) (1.5 lecture hours)

**Sleep and Pain in College Students**, Course: Research and Applications in Biobehavioral Health (BBH 411), Department of Biobehavioral Health (BBH), Penn State University (PSU) (1 lecture hour)

**KEY PROFESSIONAL AFFILIATIONS**

- Academy of Behavioral Medicine Research (ABMR) (*elected member, 2019-present*)
- American Psychosomatic Society (APS) (*member, 2003-present*)
- American Psychological Association (*member 2001-2010; 2015-2019; 2023-current*)
  - Society for the Psychology of Women (Division 35); Health Psychology (Division 38)
- Psychoneuroimmunology Research Society (PNIRS) (*member, 2004-present*)
- Gerontological Association of America (GSA) (*member, 2020-present*)
- Alzheimer's Association International Society to Advance Alzheimer's Research and Treatment (ISTAART) (*member, 2024-*)