

## CURRICULUM VITAE

**Adrienne Solange Bonar, PhD**

Postdoctoral Research Fellow

Department of Psychology, The Ohio State University  
 Department of Psychology & Neuroscience, University of North Carolina at Chapel Hill  
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**RESEARCH POSITIONS**

<b>Postdoctoral Research Fellow, The Ohio State University</b> Department of Psychology	<i>current</i>
<b>Research Affiliate, The University of North Carolina at Chapel Hill</b> Department of Psychology & Neuroscience	<i>current</i>

**EDUCATION**

<b>Ph.D., The University of North Carolina at Chapel Hill</b> Psychology & Neuroscience, Concentration in Quantitative Methods Committee Chair: Kristen Lindquist, PhD <i>Dissertation: "Examining the effects of childhood threat exposure on neural function during emotion"</i>	2025
<b>M.A., The University of North Carolina at Chapel Hill</b> Psychology & Neuroscience, Area - Social Psychology <i>Thesis: "Examining the role of emotion differentiation on emotion and cardiovascular physiological activity during acute stress"</i>	2023
<b>B.A., The University of North Carolina at Chapel Hill</b> Major in Psychology (with Highest Honors), second major in Women's and Gender Studies	2018

**HONORS & AWARDS**

<b>Graduate Student Transportation Grant</b> (\$1000), UNC-Chapel Hill	2025
<b>Chester A. Insko Best Publication Award</b> , UNC-Chapel Hill	2024
<b>John F. Dashiell Travel Award</b> (\$480), Social Psychology Program, UNC-Chapel Hill	2024
<b>Positive Psychology Science Fund Award</b> (\$1000), UNC-Chapel Hill	2024
<b>Graduate Research Fellowship</b> (\$160,000), National Science Foundation	2021
<b>Caroline H. and Thomas S. Royster Fellowship</b> (\$204,755), UNC-Chapel Hill	2020
<b>Initiative for Minority Excellence Award</b> (\$5000), UNC-Chapel Hill	2020
<b>Phi Beta Kappa</b> , UNC-Chapel Hill	2018
<b>David Bray Peele Research Award</b> (\$500), UNC-Chapel Hill	2017
<b>The Moxie Project: Women in Leadership for Social Change Internship</b> (\$2500), UNC-Chapel Hill	2016

**PEER-REVIEWED PUBLICATIONS (\*Denotes shared authorship)****JOURNAL PUBLICATIONS**

11. **Bonar, A.S.\***, Carolus, A.E\*, Alvarez, G.M., Miller, A.B., Rodriguez-Thompson, A., Martin, S., Patel,

- K.K., Giletta, M., Hastings, P.D., Nock, M.K., Slavich, G., Rudolph, K.D., Prinstein, M.J., Lindquist, K.A., Sheridan, M.A. (*under review*). Threat exposure and amygdala functional connectivity during emotion regulation in adolescents: Exploring the role of emotional awareness. CRediT - Project Administration, Supervision, Investigation, Data Curation, Formal Analysis, Writing: Original Draft.
10. Feldman, M.J\*, Capella, J.,\*, Dai, J., **Bonar, A.S.**, Field, N., Lewis, K., Prinstein, M., Telzer, E., Lindquist, K.A (*in press*) Proximity within real world adolescent peer networks predicts neural similarity during affective experience. *Social Cognitive and Affective Neuroscience*. 5;19(1):nsae072. doi:10.1093/scan/nsae072. CRediT - Investigation, Data Curation, Writing: Review & Editing
  9. Miller, A. B., Jenness, J., Elton, A., Pelletier-Baldelli, A., Patel, K., **Bonar, A.S.**, Martin, S., Dichter, G., Giletta, M., Slavich, G. M., Rudolph, K. D., Hastings, P., Nock, M., Prinstein, M. J., & Sheridan, M. (2024). Neural markers of emotion reactivity and regulation before and after a targeted social rejection: Differences among girls with and without suicidal ideation and behavior histories. *Biological psychiatry*, S0006-3223(23)01660-8. Advance online publication. <https://doi.org/10.1016/j.biopsych.2023.10.015>. CRediT - Project Administration, Supervision, Investigation, Data Curation
  8. Rodriguez-Thompson, A. M., Miller, A. B., Wade, M., Meyer, K. N., Machlin, L., **Bonar, A. S.**, ... & Sheridan, M. A. (2024). Neural correlates of the p factor in adolescence: cognitive control with and without enhanced positive affective demands. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 9(1), 30-40. doi: 10.1016/j.bpsc.2023.03.012. CRediT - Project Administration, Supervision, Investigation, Data Curation
  7. Patel, K.K., Sheridan, M.A., **Bonar, A.S.**, Giletta, M., Hastings, P.D., Nock, M.K., Rudolph K.D., Slavich, G.M., Prinstein, M.J., Miller, A.B. (2023). A preliminary investigation into cortical structural alterations in adolescents with nonsuicidal self-injury. *Psychiatry Research: Neuroimaging*. 336, 1–10. <https://doi.org/10.1016/j.psychres.2023.111725>. CRediT - Project Administration, Supervision, Investigation, Data Curation
  6. MacCormack, J.K., **Bonar, A.S.**, & Lindquist, K.A. (2023). Interoceptive beliefs moderate the link between physiological and emotional arousal during an acute stressor. *Emotion*. 24(1), 269–290. <https://psyarxiv.com/93wfh>. CRediT - Conceptualization, Investigation, Data Curation, Writing: Review & Editing
  5. Feldman, M.J., MacCormack J. K., **Bonar, A. S.**, & Lindquist, K.A (2023). Interoceptive ability moderates the effect of physiological reactivity on social judgment. *Emotion*. <https://psycnet.apa.org/doiLanding?doi=10.1037%2Femo0001210> CRediT - Investigation, Data Curation, Writing: Review & Editing
  4. Pelletier-Baldelli, A., Sheridan, M. A., Glier, Sarah R., Rodriguez-Thompson, A., Gates, K. M., Martin, S. M, Dichter, G. S., Patel, K. K., **Bonar, A. S.**, Giletta, M., Hastings, M., Nock, M. K., Slavich, G. M., Rudolph, K. D., Prinstein, M. J., Miller, A. B. (2023). Social Goals in Girls Transitioning to Adolescence: Associations with Psychopathology and Brain Network Connectivity. *Social Cognitive Affective Neuroscience* CRediT - Project Administration, Supervision, Investigation, Data Curation
  3. **Bonar, A.S**, MacCormack, J.K., Feldman, M. & Lindquist, K.A. (2023). Examining the role of emotion differentiation on emotion and cardiovascular physiological activity during acute stress. *Affective Science*, 4, 317-331.CRediT - Conceptualization, Investigation, Data Curation, Formal Analysis, Writing: Original Draft
    - Highlighted as an Stress Measurement Network New & Notable Paper
  2. Muscatell, K.M., Alvarez, G.M., **Bonar, A.S.**, Cardenas, M., Galvan, M.J, Merritt., C.C., & Starks,

M.D. (2022). Neural and immune mechanisms linking racism and health. *American Psychologist*, 77, 1049–60. CRediT - Writing: Original Draft

1. Webb, J.B., Vinoski, E. **Bonar, A.S.**, Davies, A., & Etzel, L. (2017). Fat is fashionable and fit: A comparative content analysis of Fatspiration and Health at Every Size™ Instagram images, *Body Image*, 9(22), 53–64. doi: [10.1016/j.bodyim.2017.05.003](https://doi.org/10.1016/j.bodyim.2017.05.003) CRediT- Investigation, Writing: Review & Editing

#### **BOOK CHAPTERS**

2. **Bonar, A.S.** & Lindquist, K.A (*in press*). The brain and emotion. Chapter in the Oxford Research Encyclopedia of Psychology. CRediT - Conceptualization, Writing: Original Draft
1. MacCormack, J. K., **Bonar, A. S.**, Feldman, M. J., & Lindquist, K. A. (2023). Aging bodies, brains, and emotions: The physiological hypothesis of emotional aging. In (Eds., R. E. Kleck, R. B. Adams, Jr., & U. Hess). *Emotion communication by the aging face and body: A multidisciplinary view*. Cambridge University Press, Cambridge, UK. CRediT - Writing: Original Draft

#### **IN PREPARATION (working papers)**

5. Escalante, Y\*, Luo, J\*, **Bonar, A.S.**, Buheis, D., Feldman, M.J., Wulfekuhle, G., & Lindquist, K.A. Neural and physiological correlates of reproductive aging: A systematic review. *Invited submission to Brain Sciences*. CRediT - Writing: Original Draft.
4. **Bonar, A.S.**, Jacoby, N., Cardenas, M.N., Starks, M., Chang, L., & Muscatell, K.A. Multivariate neural prediction of inflammatory responses to social evaluative threat. CRediT - Conceptualization, Data Curation, Formal Analysis, Writing: Original Draft.
3. Stephenson, E., **Bonar, A. S.**, Beliveau, L., LePage Drummond, T. M., Feldman, M. J., Inagaki, T. K. Lindquist, K. A., & MacCormack, J. K.. The Body Signal Beliefs Questionnaire (BSBQ): Psychometric validation of a measure assessing interoceptive beliefs about bodily intensity, distress, and efficacy. CRediT - Data Curation, Formal Analysis, Writing: Original Draft.
2. **Bonar, A.S.**, Prinstein, M.J., Telzer, E.T., & Lindquist, K.A. Neighborhood disadvantage predicts greater similarity in neural representations of negative and neutral stimuli. CRediT - Conceptualization, Data Curation, Formal Analysis, Writing: Original Draft.
1. Mikkelsen, M.B., **Bonar, A.S.**, & O’Toole, M.S. Emotion and motivational dynamics within the context of personally relevant tasks predict task completion . CRediT - Conceptualization, Data Curation, Formal Analysis, Writing: Original Draft.

#### **PRESENTATIONS (first author is presenter, \*indicates shared authorship)**

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##### **SELECTED POSTERS AND PRESENTATIONS**

13. **Bonar, A.S.**, Jacoby, N., Cardenas, M.N., Starks, M.D, Bender, E., Chang, L., & Muscatell, K.A. (April 2025). Multivariate neural prediction of inflammatory responses to social evaluative threat. Poster presented at the annual Social and Affective Neuroscience Society conference, Chicago, IL.
12. **Bonar, A.S.** & Muscatell, K.A. (March 2025). Investigating the effect of negative emotional granularity on affective responses to the common cold. Flash talk presented at the annual Society for Affective Science, Portland, OR.
11. **Bonar, A.S.**, Dai, J., Feldman, M.J., Capella, J., Prinstein, M.J., Telzer, E.T., Lindquist, K.A. (March 2024). Greater neighborhood disadvantage predicts less neural similarity between negative and neutral stimuli. Flash talk presented at the annual Society for Affective Science conference, New Orleans, LA.

10. **Bonar, A.S.** \*, Carolus, A.E.,\* Alvarez, G.M., Miller, A.B., Pelletier-Baldelli, A., Robertson, M.M., Gruhn, M., Rodriguez-Thompson, A., Martin, S., Patel, K., Giletta, M., Hastings, P.D., Nock, M.K., Rudolph K.R., Slavich, G.M., Somerville, L.H., Prinstein, M.J., Sheridan, M.A. (September 2023). Exposure to threat adversity and amygdala connectivity during emotion regulation: Exploring the role of emotional clarity. Poster presented at the annual FLUX Congress, Santa Rosa, CA.
9. **Bonar, A.S.**, Feldman, M.J., Capella, J., Nick, E.A., Field, N.H., Drummond, T.H., Lewis, K. Prinstein, M.J., Telzer E.H., & Lindquist, K.A (September 2022). Does adolescents' neural reactivity to affective images predict their social network centrality? Poster presented at the annual Flux Congress, Paris, France.
8. **Bonar, A.S.**, MacCormack, J.K., Feldman, M.J., & Lindquist, K.A (April 2021) The role of emotional granularity in acute stress. Poster presented at the annual meeting of the Society for Affective Science. [Conference online]
7. **Bonar, A.S.**, MacCormack, J.K., Feldman, M.J., Inagaki, T.K., & Lindquist, K.A. (April 2021). Assessing the role of interoceptive beliefs in emotion: Development of the Body Signal Beliefs Questionnaire (BSBQ). Research presentation presented at the annual meeting of the Society for Affective Science. [Conference online]
6. MacCormack, J. K., **Bonar, A. S.** & Lindquist, K. A. (June 2020). Shared vs. distinct neural representations of hunger, satiety, and emotion. Poster presented at the annual meeting of the Organization for Human Brain Mapping. [Conference online]
5. MacCormack, J. K., **Bonar, A. S.** & Lindquist, K. A. (May 2020). The metabolic mind: Shared vs. distinct neural bases of hunger and emotion. Poster was to be presented at the annual meeting of the Association for Psychological Science, Chicago, IL, but conference cancelled due to COVID-19.
4. **Bonar, A.S.**, Rodriguez-Thompson, A., Sheridan, M.A., Prinstein, M.J., Miller, A.B. (April 2020). Caregivers' reactions to youths' negative emotions: Relations to emotion reactivity and regulation. Poster presented at the annual meeting of the Society for Affective Science. [Conference online]
3. MacCormack, J. K., **Bonar, A. S.** & Lindquist, K. A. (April 2020). Hungry or emotional? A functional neuroimaging meta-analysis of the neural bases of hunger and emotion. Poster presented at the annual meeting of the Society for Affective Science. [Conference online]
2. **Bonar, A.S.**, MacCormack, J.K., Lindquist, K.A. (April 2018). Individual differences in interoceptive beliefs and emotional awareness predict emotional outcomes. Poster presented at the annual Honors Thesis symposium at the UNC-CH Department of Psychology & Neuroscience.
1. **Bonar, A.S.**, MacCormack, J.K., Lindquist, K.A. (April 2018). Believing your body: Beliefs about the value, regulation, and intensity of bodily signals matter for interoceptive and emotional awareness. Poster presented at the annual meeting of the Society for Affective Science, Los Angeles, CA.

#### **INTERNAL PRESENTATIONS**

3. Bonar, A.S. (October 2024). Emotion concept construction following childhood adversity. Talk presented to the Social Psychology Program at UNC-CH.
2. Bonar, A.S. (April 2022). Assessing the role of interoceptive beliefs in emotion: Development of the Body Signal Beliefs Questionnaire (BSBQ) Talk presented to the Social Psychology Program at UNC-CH.
1. Bonar, A.S. (April 2021). Emotional complexity: Construct validity and role in acute stress. Talk presented

to the Social Psychology Program at UNC-CH. [Presented online]

## TECHNICAL SKILLS

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### PROGRAMMING

- Proficient in R, FSL, Bash Shell Scripting
- Working knowledge of Python

### COURSEWORK IN ADVANCED QUANTITATIVE METHODS

- Longitudinal structural equation modeling (instructor: Patrick Curran, Ph.D.)
- Multilevel modeling (instructor: Daniel Bauer, Ph.D.)
- Factor analysis (instructor: Patrick Curran, Ph.D.)
- Functional magnetic resonance imaging (instructor: Charlotte Boettiger, Ph.D.)

## MENTORSHIP

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### MENTORED UNDERGRADUATE HONORS THESES

<b>Nina Zhuo Yun Song, University of North Carolina at Chapel Hill</b>	2024-25
<i>Thesis: "The role of allostatic interoceptive connectivity on age-related differences in dispositional positive affect"</i>	
<b>Dujana Buheis, University of North Carolina at Chapel Hill</b>	2024-25
<i>Thesis: "Exploring the roles of objectified body consciousness and interoceptive sensitivity in predicting eating in the absence of hunger"</i>	
<b>Adelaide Harper, University of North Carolina at Chapel Hill</b>	2023-24
<i>Thesis: "Exploring the role of interoception in adaptive eating behavior"</i>	
<ul style="list-style-type: none"> <li>- Awarded Highest Honors in Psychology</li> <li>- Winner of a UNC Office of Undergraduate Research Travel Award (\$500)</li> </ul>	
<b>Amrita Mani, University of North Carolina at Chapel Hill</b>	2022-23
<i>Thesis: "Investigating the relationship between perceived discrimination, emotion regulation beliefs, and well-being"</i>	
<ul style="list-style-type: none"> <li>- Awarded Highest Honors in Psychology</li> <li>- Winner of a David Bray Peele Research Award (\$500)</li> <li>- Winner of a UNC Office of Undergraduate Research Travel Award (\$500)</li> </ul>	

### MENTORED POSTER PRESENTATIONS (+Denotes primary mentee)

Buheis, D.<sup>†</sup>, **Bonar, A.S.**, Feldman, M.J., Berman, C.J., Lindquist, K.A. (March 2025). Exploring the effects of objectified body conscious and interoceptive sensitivity on eating in the absence of hunger. Poster presented at the annual Society for Affective Science, Portland, OR.

- Received "Poster Spotlight" at the conference and abstract invited for longer submission in *Affective Science*

Song, N..<sup>†</sup> **Bonar, A.S.**, Ma, R., Feldman, M.J., & Lindquist, K.A. (March 2025). The role of allostatic interoceptive network connectivity on the positive effect. Poster presented at the annual Society for Affective Science, Portland, OR.

Harper, A.<sup>†</sup>, **Bonar, A.S.**, Feldman, M.J., Berman, C., Buheis, D., Lindquist, K.A. (March 2024). The role of interoception in adaptive eating behavior. [Poster Presentation]. Annual meeting of the Society for Affective Science conference, New Orleans, LA.

Mani, A<sup>†</sup>, **Bonar, A.S.**, Lindquist, K.A. (2023 April). Investigating the relationship between perceived discrimination, emotion regulation beliefs, and well-being. [Poster Presentation]. Annual meeting of the Society for Affective Science conference, Long Beach, CA.

Drummond, T.<sup>†</sup>, **Bonar, A.S.**, Feldman., M.J., Capella, J., Nick, E., Prinstein, M., Telzer, E., Lindquist K. (March 2022). Exploring the relationship between emotional reactivity and social network centrality during adolescence. [Poster Presentation]. Annual meeting for the Society for Affective Science.

## **PROFESSIONAL SERVICE & ACTIVITIES**

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### **PROFESSIONAL AFFILIATIONS**

Psychoneuroimmunology Research Society | Social & Affective Neuroscience Society | Society of Affective Science | Society for Biopsychosocial Science & Medicine

### **AD HOC REVIEWER**

Affective Science | Brain, Behavior, and Immunity | Developmental Psychobiology | Emotion

### **UNIVERSITY SERVICE**

**Member, Climate & Inclusion Subcommittee, UNC** 2021-23

Co-developed the Psychology and Neuroscience department's first annual climate survey. Reviewed submissions and selected winners for department service awards.

**Student-Faculty Liaison, Social Psychology Program, UNC** 2022-23

Organized housing, logistics and social events for 2023 Social Psychology Interview Day. Consulted with the Program Director on the social climate within the program.

## **REFERENCES**

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1. Kristen Lindquist, Ph.D.  
Professor, UNC-CH  
kristen.lindquist@unc.edu

2. Keely Muscatell, Ph.D.  
Associate Professor, UNC-CH  
kmuscatell@unc.edu

3. Margaret Sheridaan, Ph.D.  
Associate Professor, UNC-CH  
sheridan.margaret@unc.edu

4. Adam Bryant Miller, Ph.D.  
Associate Professor, UNC-CH  
adam.miller@unc.edu