

Catie Nielson

Boston, MA

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[LinkedIn](#)

Education

- 2017-2023 *Anticipated* Doctor of Philosophy in Psychology
 Northeastern University, Boston, Massachusetts
 Dissertation: *“Is This About Me? Understanding the Impact of Anthropocentrism on Undergraduate Biology Learning”*
 Advisor: John D. Coley
- 2017-2019 Master of Science, Psychology
 Northeastern University, Boston, Massachusetts
 Advisors: Karen Quigley, Lisa Feldman Barrett
- 2011-2015 Bachelor of Science, Neuroscience, *Cum Laude*
 Brigham Young University, Provo, Utah

Research Experience

- 2017-present Graduate Research Assistant
 Department of Psychology, Northeastern University, Boston, MA
- 2014-2015 Research Manager
 Autism and Anxiety Lab, Brigham Young University, Provo, Utah
- 2012-2014 Research Assistant
 Autism and Anxiety Lab, Brigham Young University, Provo, Utah
- 2011-2013 Research Assistant
 Neurobiology of Addiction Lab, Brigham Young University, Provo, Utah

Teaching Experience

- Spring-Summer
 2022 Graduate Intern & Facilitator, *Trauma-Informed Assessment Workshop*
 Center for the Advancement of Teaching and Learning through Research
 Northeastern University, Boston, MA
- Fall 2021-present Organizer & Facilitator, *Introduction to R Programming Group*
 Department of Psychology, Northeastern University, Boston, MA
- Summer 2021 Instructor of Record, *Laboratory in Social Psychology*
 Department of Psychology, Northeastern University, Boston, MA

Summer 2020	Instructor of Record, <i>Laboratory in Social Psychology</i> Department of Psychology, Northeastern University, Boston, MA
Summer 2019	Creator & Facilitator, <i>Summer Program in Emotion Research</i> Department of Psychology, Northeastern University, Boston, MA
Fall 2018 – Spring 2022	Graduate Teaching Assistant Department of Psychology, Northeastern University, Boston, MA <i>Courses: Introduction to Psychology; Social Psychology Lab; Research Methods in Psychology; Developmental Psychology Lab; Personality Psychology Lab</i>
Spring 2014	Undergraduate Teaching Assistant, <i>Organic Chemistry</i> Department of Chemistry and Biochemistry, Brigham Young University, Provo, Utah

Publications & Presentations

**indicates equal contribution*

Publications

Published

- *Pickett, S., ***Nielson, C.**, Marshall, H., Coley, J. & Tanner, K. (2022). Effects of instructional framing on student understanding of misconceptions about antibiotic resistance. *Journal of microbiology & biology education*, 23(1), e00220-21.
- Hoemann, K., **Nielson, C.**, Yuen, A., Gurera, J., Quigley, K., & Barrett, L. F. (2021). Expertise as a unifying framework for individual differences in the mental representation of emotional experience. *Psychological Bulletin*, 147(11), 1159–1183. <https://doi.org/10.1037/bul0000327>
- *Hoemann, K., *Khan, Z., Feldman, M. J., **Nielson, C.**, Devlin, M., Dy, J., Barrett, L.F., & Quigley, K. S. (2020). Context-aware experience sampling reveals the scale of variation in affective experience. *Scientific reports*, 10(1), 1-16.
- South, M., Stephenson, K.G., **Nielson, C.**, Maisel, M., Top, D.N., & Kirwan, C.B. (2015). Overactive pattern separation in memory associated with negative emotionality in adults diagnosed with Autism Spectrum Disorders. *Journal of Autism and Developmental Disorders*, 1-10.

In progress

- **Nielson, C.**, Pitt, E., Fux, M., Leffers, J., de Nessa, K., Tanner, K., & Coley, J. (in prep). Cognitive construal-consistent language and misconceptions in undergraduate student explanations of biology concepts.
- **Nielson, C.**, Quigley, K. & Wormwood, J. (in prep). An arousability for all seasons: An argument against a static definition of organism-wide reactivity.
- Carroll, P., McGuire, E., **Nielson, C.**, Brigham, M., Findley, M., Gleave, M., Hiatt, M., Laney, B., Tolman, A., & Nielson, D. (in prep). Researcher characteristics strongly affect prosocial helping in field experimentation.

Conference Presentations

Talks

- **Nielson, C.** & Coley, J. D. (2022, August). Is this about me? Understanding the impact of anthropocentrism on undergraduate learning about antibiotic resistance. Talk given in the Symposium on Evolution Education Across Educational Stages, at the meeting of European Researchers in Didactics of Biology, Nicosia, Cyprus.
- **Nielson C.**, Stephenson, K.G., Maisel, M., Top, D.N., Kirwan, C.B. & South, M. (2014, May). Enhanced pattern separation memory in adults with ASD. Talk given at the annual International Meeting for Autism Research, Atlanta, GA.

Posters

- **Nielson, C.** & Coley, J. D. (2022, July). Human neuro-exceptionalism: Anthropocentrism in Neuroscience Learning. Poster presented at the meeting of the Society for Philosophy and Psychology, Milan, Italy. [Poster link](#).
- **Nielson, C.**, Pitt, E., Fux, M., Leffers, J., & Coley, J. D. (2022, May). All about humans?: Anthropocentrism, but not essentialism or teleology, related to misconceptions and expertise across biological concepts. Poster presented at the annual meeting for the Association for Psychological Science, Chicago, IL. [Poster link](#).
- **Nielson, C.**, Feldman, M., Hoemann, K., Khan, Z., Devlin, M., Dy, J., Barrett, L. F., Wormwood, J. B., & Quigley, K. S. (2020, April). I get high (arousal) with a little help from my friends: The effect of social context on self-reported affect. Poster was to be presented at the annual meeting of the Society for Affective Science, San Francisco, CA. Conference cancelled due to COVID-19. [Poster link](#).
- Hoemann, K., Khan, Z., **Nielson, C.**, Devlin, M., Feldman, M., Dy, J., Wormwood, J. B., Barrett, L. F., Quigley, K. S. (2019, June). Experience sampling with ambulatory physiological monitoring reveals the scale of variation in affective experience. Poster presented at the annual meeting for the Society for Ambulatory Assessment, Syracuse, NY.
- **Nielson, C.**, Wormwood, J. B., Barrett, L. F., Quigley, K., *Wilson-Mendenhall, C., & *Condon, P. (2018, October). Following the leader: How leading conflict conversations impacts physiological influence in romantic couples. Poster presented at the annual meeting of the Society for Psychophysiological Research, Quebec City, Quebec, Canada.
- **Nielson, C.**, Nabian, M., Yin, Y., Wormwood, J., DeSteno, D., Barrett, L.F., Quigley, K., & Ostadabbas, S. (2018, April). Extracting facial synchrony from videos of naturalistic dyadic interaction. Poster presented at the annual meeting of the Society for Affective Science, Los Angeles, CA.
- **Nielson, C.**, Henderson, A., Kindt, C., Peacock, L., Stephenson, K. G., Beck, J., Anderberg, E., Ott, D., Ashton, A., Bogdan, E., Ward, A., & South, M. (2015, May). What are you afraid of?: Comparing stress response in young adults with ASD and anxiety disorders. Poster presented at the annual International Meeting for Autism Research, Salt Lake City, UT.

Grants & Awards

- **Grant-supported graduate student**, *National Science Foundation, PIs: John D. Coley & Kimberly Tanner*, Sept 2020-present
- **Grant-supported graduate student**, *Army Research Institute, PIs: Karen Quigley & Jolie Wormwood*, Sept 2017-Dec 2021
- **Travel grant**, *Northeastern University PhD Network*, Oct 2018
- **Travel grant**, *Northeastern University PhD Network*, March 2018
- **Research grant** (\$1,500); *Brigham Young University Office of Research and Creative Activities*, 2013
- **Research grant** (\$1,500); *Brigham Young University Office of Research and Creative Activities*, 2014

Pedagogical Training

2020-present	Future Faculty Program <i>Center for the Advancement of Teaching and Learning through Research</i> Northeastern University
2022	Anti-Racism Accountability Group <i>Office of Diversity, Equity, and Inclusion; Center for the Advancement of Teaching and Learning through Research</i> Northeastern University
2021	Teaching with Student-Authored Integrated Learning Amy Lantinga <i>Center for the Advancement of Teaching and Learning through Research</i> Northeastern University
2020	Becoming an Anti-Racist Educator Workshop <i>Office of Diversity, Equity, and Inclusion; Center for the Advancement of Teaching and Learning through Research</i> Northeastern University
2018	Making Meaning Out of Failure <i>Center for the Advancement of Teaching and Learning through Research</i> Northeastern University
2017	Graduate Student Teaching Orientation <i>Center for the Advancement of Teaching and Learning through Research</i> Northeastern University

Leadership & Service

2022-present	Co-president , <i>Psychology Graduate Student Association, Northeastern University</i>
2022-present	Co-founder , <i>Psychology & Philosophy Reading Group, Northeastern University</i>
2022-present	Member , <i>Plant Consciousness Reading Group, Harvard University</i>
2021-present	Organizing Committee , <i>Psychology Graduate Student Association, Northeastern University</i>
2018-2020	Student Events Committee , <i>Society for Affective Science</i>