

# HELEN SCHMIDT

## Curriculum Vitae

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Weiss Hall, Temple University

1701 N. 13<sup>th</sup> St.

Philadelphia, PA 19112

## EDUCATION

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2021 – 2026	<b>Ph.D.</b> Social Psychology, Temple University <i>Concentration in Quantitative Methods</i> Advisor: Chelsea Helion, Ph.D. Secondary Advisor: Vishnu Murty, Ph.D.
2017 – 2018	<b>M.Sc.</b> Clinical Neuroscience, University College London Advisor: Toby Wise, Ph.D.
2013 – 2017	<b>B.S.</b> Biology, Tufts University Advisor: Mitch McVey, Ph.D.

## RESEARCH INTERESTS

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Emotion, language, social networks, self-regulation and motivation, emotion regulation, statistical and computational methods, interpersonal communication, episodic memory, decision making

## RESEARCH EXPERIENCE

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2021 – present	<b>Social and Affective Neuroscience Lab</b> , Temple University <i>Graduate Researcher</i>   PI: Chelsea Helion, Ph.D.
2018 – 2021	<b>Memory Modulation Lab</b> , Boston College <i>Lab Coordinator &amp; Research Assistant</i>   PI: Maureen Ritchey, Ph.D.
2017 – 2018	<b>Cognition and Computational Psychiatry Lab</b> , UCL <i>Graduate Researcher</i>   PI: Ray Dolan, Ph.D.
2017	<b>Child and Adolescent Mood Disorders Laboratory</b> , McLean Hospital <i>Research Assistant</i>   PI: Randy Auerbach, Ph.D.
2016 – 2017	<b>Integrative Cognitive Neuroscience Lab</b> , Tufts University <i>Research Assistant</i>   PI: Elizabeth Race, Ph.D.
2015	<b>Rogulja Lab</b> , Harvard Medical School <i>Research Assistant</i>   PI: Dragana Rogulja, Ph.D.

## PUBLICATIONS

### *Under Review*

Mitchell, W. J., Stasiak, J., Martinez, S. A., Cliver, K., Gregory, D. F., Reisman, S., **Schmidt, H.**, Murty, V. P., & Helion, C. (2022). Emotional intensity failed to predict spontaneous regulation strategy usage in a naturalistic paradigm. *PsyArXiv*. <https://doi.org/10.31234/osf.io/dkn9a>

### *In Preparation*

**Schmidt, H.\***, Tran, S.\*, Medaglia, J., Ulichney, V., & Helion, C. (2022). Conversational linguistic features predict social network learning.

**Schmidt, H.\***, Cooper, R. A.\*, & Ritchey, M. (2021). Temporal dynamics supporting the multidimensional quality of episodic memory.

Samide, R., Cooper, R. A., **Schmidt, H.**, Kensinger, E., & Ritchey, M. (2021). Neural correlates of reappraising naturalistic emotional memories.

*\*denotes equal contribution*

## TALKS

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**Schmidt, H.** (2022, April). “Conversational linguistic features that inform social network learning.”  
Talk presented to the Temple University Department of Psychology & Neuroscience.

## POSTER PRESENTATIONS

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+ *undergraduate mentee*

**Schmidt, H.**, Tran, S.<sup>+</sup>, & Helion, C. (2022, May). “Conversational linguistic features that inform social network learning.” Poster presented at the Philadelphia Decision Neuroscience Symposium, Philadelphia, PA.

Eckardt, D., Helion, C., **Schmidt, H.**, Chen, J., & Murty, V. P. (2022, April). “What makes a story: Uncovering mechanisms of memory communication.” Poster presented at the Temple University Neuroscience Research Day, Philadelphia, PA.

Tran, S.<sup>+</sup>, **Schmidt, H.**, & Helion, C. (2022, April). “Social network learning across evaluative domains.” Poster presented at the Temple University Symposium for Undergraduate Research and Creativity, Philadelphia, PA.

**Schmidt, H.** & Ritchey, M. (2020, August). “The protective effects of retrieval practice on positive memories.” Poster presented at the Context and Episodic Memory Symposium (virtual).

**Schmidt, H.**, Cooper, R. A., & Ritchey, M. (2020, May). “Temporal dynamics supporting the multidimensional quality of episodic memory.” Poster presented at the Cognitive Neuroscience Society Annual Meeting (virtual).

**Schmidt, H.**, Samide, R., Cooper, R. A., & Ritchey, M. (2019, May). “News flash! Investigating the dynamics of emotional memory using real-life event videos.” Poster presented at the Context and Episodic Memory Symposium, Philadelphia, PA.

Distefano, D., **Schmidt, H.**, Hickey, P., & Race, E. (2018, March). “Characterizing EEG signatures of inattention that predict forgetting.” Poster presented at the Cognitive Neuroscience Society Annual Meeting, Boston, MA.

## SKILLS

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### Programming

*Advanced* – R, Matlab | *Intermediate* – Python, Jamovi, SPSS, Bash | *Novice* – HTML, SQL

### Software and Tools

Psychtoolbox for Matlab, EEGLAB, PsychoPy, GitHub, TensorFlow, Microsoft Office Suite, Qualtrics Surveys, Adobe Suite, Google Workspace, Linguistic Inquiry and Word Count (LIWC-22), FMRIB Software Library (FSL)

### Statistical and Qualitative Analysis

Frequentist statistics, analysis of variance, linear and logistic regression, mixed effects modeling, power analysis, Bayesian statistics, text analysis, natural language processing (Universal Sentence Encoder, sentiment analysis, topic modeling)

### Data Collection

Behavioral (Qualtrics, Amazon Mechanical Turk), Neuroimaging (fMRI – Siemens 3T; EEG – BioSemi 32- and 64-channel gel; MEG – 275-channel CTF Omega), experimental design (PsychoPy and Psychtoolbox), participant recruitment and screening, IRB management, survey design

### Language

*Native* – English | *Intermediate* – German

## TEACHING EXPERIENCE

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2021 – 2022      **Teaching Assistant**, Department of Psychology, Temple University  
*Learning and Behavior Analysis* | Fall 2022  
*Human Sexuality* | Spring 2022  
*Child Psychopathology* | Spring 2022  
*Statistics for Psychology* | Fall 2021

## MENTORSHIP EXPERIENCE

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### Temple University – Social and Affective Neuroscience Lab

2021 – 2022      Tiara Bounyarith, Lauren Iglio, Micah Jordan, Rachel Kelly,  
Sevila Temirova, Sophia Tran

### Boston College – Memory Modulation Lab

2018 – 2021      Cayley Bliss, Lunbei Hu, Emily Iannazzi, Omar John, Elizabeth Judge,  
Ari Khoudary, Jamie Kweon, Mary Nanna, Julia Napoli, Samantha Murphy,  
Natale Schmitz, Rishi Srinivasan, Rahul Walia

## HONORS & AWARDS

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2022      **Summer Research Fellowship** | Temple University  
2017      **Delta Phi Alpha** | National German Honor Society  
2014 – 2017      **Dean's List** | Tufts University

## PROFESSIONAL SERVICE

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2022      **Graduate Reviewer** – Temple University Undergraduate Neuroscience  
Journal, *Grey Matters* (<https://greymattersjournaltu.org/>)  
2022      **Graduate Volunteer** – Temple University Psychology Graduate Students for  
Inclusivity, Undergraduate Outreach Arm  
2021 – present      **Editor** – Application Statement Feedback Program  
(<https://www.asfp.io/>)  
2021 – present      **Member** – Psychology of Climate Change Reading Group

## PROFESSIONAL AFFILIATIONS

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Cognitive Neuroscience Society  
Society for Affective Science  
Society for Personality and Social Psychology