HELEN SCHMIDT
Curriculum Vitae

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Weiss Hall, Temple University
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EDUCATION

2021 – 2026	**Ph.D.**	**Social Psychology & Neuroscience**, Temple University	

Concentration in Quantitative Methods
Advisor: Chelsea Helion, Ph.D.
Secondary Advisor: Vishnu Murty, Ph.D.

2017 – 2018   **M.Sc.**   **Clinical Neuroscience**, University College London
Honors Thesis
Advisor: Toby Wise, Ph.D.

2013 – 2017   **B.S.**   **Biology**, Tufts University
Advisor: Mitch McVey, Ph.D.

RESEARCH INTERESTS

Emotion, language, social networks, self-regulation, emotion regulation, statistical and computational modeling, machine learning, interpersonal communication, episodic memory, decision making

PUBLICATIONS

*denotes equal contribution | #mentored student

Under Review

1. Ulichney, V., **Schmidt, H.**, & Helion, C. (under review). Maybe the real prize is the friends we made along the way: Perceived support from friends enhances everyday emotional well-being in the U.S. and Japan. Under review at *Personality and Social Psychology Bulletin*, June 14, 2023.
   Online (preprint) | Data & Code

2. Eckardt, D., Helion, C., **Schmidt, H.**, Chen, J., & Murty, V.P. (under review). Storytelling changes the structure and perceived value of event memories. Under review at *Cognition*, May 31, 2023.

3. **Schmidt, H.***, Tran, S.*#, Medaglia, J., Ulichney, V., & Helion, C. (under review). Conversational linguistic features predict social network learning. Under review at *Psychonomic Bulletin & Review*, May 15, 2023.
   Online (preprint) | Data & Code

4. Mitchell, W.J., Stasiak, J., Martinez, S.A., Cliver, K., Gregory, D.F., Reisman, S., **Schmidt, H.**, Murty, V.P., & Helion, C. (2022). Emotion regulation strategy usage in a dynamic, high-intensity context. *PsyArXiv*.
   Online (preprint) | Data & Code

In Preparation

5. **Schmidt, H.** & Helion, C. (in prep.). Quantitative methods in affective science: Recent advances, theoretical implications, and future directions.

6. **Schmidt, H.**, Mitchell, W.J., & Helion, C. (in prep.). Emotion regulatory effects of emotion and content labeling in a naturalistic context.

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

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

INVITED TALKS

April 2022   Conversational linguistic features that inform social network learning
                    Talk presented to the Temple University Department of Psychology & Neuroscience

PRESENTATIONS

[#]*honors undergraduate thesis student*

1. Cunningham, R.M., Quarmley, M., Calderaro, M., Clarkson, T., **Schmidt, H.**, Cassidy, C.M., & Jarcho, J.M. (April 2023). Relations between neuromelanin in substantia nigra and peer-based aggression in adolescents are potentiated by irritability. Poster presented at the Social and Affective Neuroscience Society Annual Meeting, Santa Barbara, CA.

2. Cunningham, R.M., Quarmley, M., Calderaro, M., Clarkson, T., **Schmidt, H.**, Cassidy, C.M., & Jarcho, J.M. (April 2023). Relations between neuromelanin in substantia nigra and peer-based aggression in adolescents are potentiated by irritability. Poster presented at the Temple University Neuroscience Research Day, Philadelphia, PA.

3. Osuntokun, M.[#], **Schmidt, H.**, & Helion, C. (April 2023). Can linguistic aspects predict relationship formation and future outcomes? Poster presented at the Temple University Psychology Honors Poster Session, Philadelphia, PA.

4. Martinez, S.A., Cliver, K., Mitchell, W.J., **Schmidt, H.**, Helion, C., Chein, J., & Murty, V.P. (March 2023). Linguistic cues of memory accuracy differ for low-threat and high-threat memories. Poster presented at the Cognitive Neuroscience Society Annual Meeting, San Francisco, CA.

5. **Schmidt, H.** & Helion, C. (March 2023). Emotion regulatory effects of emotion and content labeling in a naturalistic context. Poster presented at the Society for Affective Science Annual Conference, Long Beach, CA.
    Online (poster)

6. **Schmidt, H.**, Tran, S.[#], & Helion, C. (February 2023). Conversations predict social network learning. Poster presented at the Society for Personality and Social Psychology Annual Convention, Atlanta, GA.
    Online (poster) | *Graduate Travel Award Received*

7. Eckardt, D., Helion, C., **Schmidt, H.**, Chen, J., & Murty, V.P. (November 2022). What makes a story: Uncovering mechanisms of memory communication. Poster presented at the Psychonomic Society Annual Meeting, Boston, MA.

8. **Schmidt, H.**, Tran, S.[#], & Helion, C. (May 2022). Conversational linguistic features that inform social network learning. Poster presented at the Philadelphia Decision Neuroscience Symposium, Philadelphia, PA.

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

10. Tran, S.[#], **Schmidt, H.**, & Helion, C. (April 2022). Social network learning across evaluative domains. Poster presented at the Temple University Symposium for Undergraduate Research and Creativity, Philadelphia, PA.

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

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

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

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

HONORS & AWARDS

2023	**Travel Award**	Society for Personality and Social Psychology
2022	**Summer Research Fellowship**	Temple University
2017	**Delta Phi Alpha**	National German Honor Society
2014 – 2017	**Dean's List**	Tufts University

RESEARCH TRAINING

2023	**Deep Learning Course**	Neuromatch Academy [website]

RESEARCH EXPERIENCE

2021 – present	**Social and Affective Neuroscience Lab**, Temple University *Graduate Researcher*	PI: Chelsea Helion, Ph.D.
2018 – 2021	**Memory Modulation Lab**, Boston College *Lab Coordinator & Research Assistant*	PI: Maureen Ritchey, Ph.D.
2017 – 2018	**Cognition and Computational Psychiatry Lab**, UCL *Graduate Researcher*	PI: Ray Dolan, Ph.D.
2017	**Child and Adolescent Mood Disorders Laboratory**, McLean Hospital *Research Assistant*	PI: Randy Auerbach, Ph.D.

| 2016 – 2017 | **Integrative Cognitive Neuroscience Lab**, Tufts University |
| | *Undergraduate Research Assistant* | PI: Elizabeth Race, Ph.D. |

| 2015 | **Rogulja Lab**, Harvard Medical School |
| | *Research Assistant* | PI: Dragana Rogulja, Ph.D. |

SKILLS

Programming

Advanced – R, Matlab, Python | *Intermediate* – 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), Temple University Brain Research Imaging Center – Trained and Certified fMRI Scanner Operator

Statistical and Quantitative 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), machine learning

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 and ethics management, survey design

Language

Native – English | *Intermediate* – German

TEACHING EXPERIENCE

[#]*graduate level course*

| 2023 | **Instructor of Record** | Department of Psychology, Temple University |
| | *Foundations of Social Psychology* | Summer 2023 |

2021 – present	**Teaching Assistant**	Department of Psychology, Temple University
	[#]*Graduate Statistics I*	Fall 2023
	Introduction to Psychology	Spring 2023
	Learning and Behavior Analysis	Fall 2022
	Human Sexuality	Spring 2022, Spring 2023
	Child Psychopathology	Spring 2022
	Statistics for Psychology	Fall 2021

MENTORING EXPERIENCE

[#]*honors thesis student* | *now PhD student in psychology or neuroscience* | [+]*now PsyD student*

Temple University – Social and Affective Neuroscience Lab

| 2021 – present | Tiara Bounyarith, Bridget Colgan, Lauren Ewell, Lauren Iglio, Micah Jordan, Rachel Kelly, Jackson May, Modupe Osuntokun[+#], 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

PROFESSIONAL SERVICE

2023   **Workshop Leader** – Temple University Coding Outreach Group [website]
Topic: Machine Learning in R [workshop materials]

2022 – present   **Graduate Scientific Reviewer** – Temple University Undergraduate Neuroscience Journal, *Grey Matters* [website]
Issue 4 – Florence Syndrome: Beautiful Madness [article]
Issue 5 – A Neurological Analysis of Current Solutions to Healthcare Provider Burnout [article]

2022   **Graduate Workshop Leader** – Temple University Psychology Graduate Students for Inclusivity, Undergraduate Outreach Arm

2021 – present   **Editor** – Application Statement Feedback Program [website]

2021 – present   **Member** – Psychology of Climate Change Reading Group

2021 – present   **Member** – Temple University Graduate Students' Association [website]

2021 – present   **Member** – Temple University Psychology Graduate Students for Inclusivity

PROFESSIONAL AFFILIATIONS

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