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EDUCATION

- Doctor of Philosophy** in Applied Cognitive Psychology Claremont Graduate University
2017-2025
- GPA: 3.41
 - Dissertation: "Effortful emotion regulation strategy use and cognition: An individual differences approach"
 - https://osf.io/preprints/psyarxiv/g29xf_v1
- Master of Arts** in Psychological Science University of Colorado
Colorado Springs
2012-2016
- Concentration: Cognition
 - GPA: 3.93
 - Thesis: "Tip-of-the-tongue phenomena across the adult lifespan: The role of concurrent stress"
 - <https://archives.mountainscholar.org/digital/collection/p17393coll20/id/23456/rec/4>
- Bachelor of Arts** in Psychology Saint Louis University
2006-2010
- Minor: Philosophy
 - GPA: 3.60

PUBLICATIONS

- Goring, S.A., **Schmank, C.J.**, Kane, M.J., & Conway, A.R.A. (2021). Psychometric models of individual differences in reading comprehension: A reanalysis of Freed, Hamilton, and Long (2017). *Journal of Memory and Language*, 119, 104221. <https://doi.org/10.1016/j.jml.2021.104221>
- Schmank, C.J.**, Goring, S.A., Kovacs, K., & Conway, A.R.A. (2021). Investigating the structure of Intelligence using latent variable and psychometric network modeling: A commentary and reanalysis of McFarland (2020), *Journal of Intelligence*, 9(1), 8. <https://doi.org/10.3390/jintelligence9010008>
- Conway, A.R.A., Kovacs, K., Hao, H., Goring, S.A., & **Schmank, C.J.** (2020). The struggle is real: Challenges and solutions in theory building. *Psychological Inquiry*, 31(4), 302-309. <https://doi.org/10.1080/1047840X.2020.1853468>
- Schmank, C.J.**, Goring, S.A., Kovacs, K., & Conway, A.R.A. (2019). Psychometric network analysis of the Hungarian WAIS. *Journal of Intelligence*, 7(3), 21. doi:10.3390/jintelligence7030021
- Schmank, C.J.** & James, L.E. (2019) Adults of all ages experience increased tip-of-the-tongue states under ostensible evaluative observation. *Aging, Neuropsychology, and Cognition*, <https://doi.org/10.1080/13825585.2019.1641177>
- James, L.E., **Schmank, C.J.**, Castro, N., & Buchanan, T.W. (2018). Tip of the tongue states increase under evaluative observation. *Journal of Psycholinguistic Research*, 47, 169-178. <https://doi.org/10.1007/s10936-017-9524-9>

MANUSCRIPTS UNDER REVIEW

- Haag^Δ, A., Garner, A.A., Weaver, T.L., Ruppert, P.D., & **Schmank, C.J.** (2026). *Adverse childhood experiences as a moderator of Attention Deficit/Hyperactivity Disorder and risky and distracted driving* [Manuscript submitted for publication]. Department of Psychology, Saint Louis University.

^Δ Current graduate student enrolled at Saint Louis University

TEACHING EXPERIENCE

- Applications of Research Methods and Statistics (PSY 4060)** Saint Louis University
Fall 2025 – Present
- Full year undergraduate Capstone Sequence course —Semester 1
 - Students develop group project using factorial research design
- Advanced Research Methods and Statistics (PSY 4840)** Saint Louis University
Spring 2026 – Present
- Full year undergraduate Capstone Sequence course —Semester 2
 - Psychological science research symposium/poster presentations
- Psychometric Theory (PSY 5090)** Saint Louis University
Spring 2024 – Present
- Graduate course focused on importance of sound research measurement tools and scale development procedure

Applied Multivariate and Multivariable Statistical Analysis (PSY 6500) Graduate course focused on proper use and open-source coding required to assess research questions in Psychological Science	Saint Louis University Spring 2024 – Present
Applied Univariate and Bivariate Statistical Analysis (PSY 5790) Graduate course focused open-source coding required to assess descriptive and basic statistical analyses	Saint Louis University Fall 2023 – Present
Cognitive Psychology (PSY 3120) Undergraduate <i>Psychology Breadth</i> Cognitive Neuroscience (Cluster 1) course	Saint Louis University Fall 2023 – Present
User Experience Research Methods (PSY 350UR) - Graduate teaching assistant supervised by Danielle Green, MA - Graduate course focused on research methodology employed by UX researchers and designers	Claremont Graduate University Spring 2023 – Fall 2023
Interaction Design and Usability Testing (PSY 350UT) - Graduate teaching assistant supervised by Jaime Levy, MA (F2020-S2021) and Danielle Green, MA - Graduate course focused on UX design and conducting usability testing	Claremont Graduate University Fall 2020 – Spring 2023
User Experience: Design and Strategy (PSY 350UX) - Graduate teaching assistant supervised by Danielle Green, MA - Graduate course focused on the product development cycle, UX design, and data acquisition techniques	Claremont Graduate University Spring 2021 – Fall 2022
Structural Equation Modeling (PSY 315h) - Graduate teaching assistant supervised by Andrew Conway, PhD - Graduate course module on latent variable structural equation modeling	Claremont Graduate University Fall 2019 – Fall 2021
Factor Analysis (PSY 315f) - Graduate teaching assistant supervised by Andrew Conway, PhD - Graduate course module on latent variable modeling techniques	Claremont Graduate University Fall 2019 – Fall 2021
Quantitative Analysis for Applied/Evaluation Research (EVAL 320) Graduate teaching assistant supervised by Andrew Conway, PhD	Claremont Graduate University Summer 2019 – Fall 2019
Mixed Methods in Evaluation & Applied Research (EVAL 330) Graduate teaching assistant supervised by Tarek Azzam, PhD	Claremont Graduate University Summer 2019 – Fall 2019
Introductory Statistics for Psychological Science (PSYC 158) Undergraduate teaching assistant supervised by Patricia Smiley, PhD	Pomona College Fall 2020 – Fall 2021
Introduction to Statistics for Psychology (PSYC 109CM) Undergraduate teaching assistant supervised by Shana Levin, PhD	Claremont McKenna College Spring 2017 – Fall 2021
Statistics Consultant for Senior Research Seminar (PSYC 198CM) Undergraduate student consultant supervised by Shana Levin, PhD	Claremont McKenna College Spring 2017 – Fall 2021
Social Science Statistics Tutor - Extracurricular opportunity to provide applied statistics tutoring primarily for social science students - Supervised by Jenny Dorrington, Ph. D.	University of Colorado Colorado Springs <i>Excel Mathematics Center</i> Fall 2014 – Fall 2016
Undergraduate Research Methods Course (PSY 2110) - Undergraduate teaching assistant supervised Jennifer Clarke PhD (F2012-S2013) and by Lori E. James, PhD (F2013-S2015) - Introduction to research methodology course	University of Colorado Colorado Springs Fall 2012 – Spring 2015
Survey of Learning and Cognition (PSY 3130) Undergraduate teaching assistant supervised by Lori James, PhD	University of Colorado Colorado Springs Fall 2014 – Spring 2015

RESEARCH EXPERIENCE

CALIBER Lab - Graduate research assistant during Doctoral program completion; supervised by Andrew R. A. Conway, PhD - Developed large scale, multi-day research design to assess the overlap between latent variables representing Rationality and Intelligence	Claremont Graduate University August 2017 – May 2025
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Reality Smash (UX Research Consultant)

- Provided competitive analyses and use case assessments of extended reality applications to mental health services; supervised by Dylan Watkins and Tanya Miramontes

Irvine, CA
October 2020 – August 2022

Here.LA (UX Research Consultant)

- Conducted competitive analyses on extended reality architecture and urban planning applications; supervised by Amber Hawkes and Shannon Davis

Los Angeles, CA
February 2021 – May 2021

HitPoint Studios (UX Intern/Research Assistant)

- Completed doctoral program internship requirement prior to hire as UX research assistant; supervised by Ariella Lehrer, Ph.D.
- Completed various tasks related to usability and A/B testing, competitive analyses; and in-game NPC dialog writing

Los Angeles, CA
May 2019 – August 2022

The Accenture Talent Innovation Lab (Research & Specialized Consultant)

- Functioned as Cognitive Psychology consultant on project development to use natural language processing on employee data; supervised by Christopher Chen, MS

Claremont Graduate University
August 2018 – September 2019

Language and Memory Problems Lab

- Graduate research assistant during Master's program completion; supervised by Lori E. James, PhD
- Conducted younger and older adult research devised to assess whether ostensible observation impacts language production errors (e.g., tip-of-the-tongue states)

University of Colorado
Colorado Springs
August 2012 – July 2017

Cognitive Neuroscience of Stress Lab

- Undergraduate research assistant during Bachelor of Arts completion; supervised by Tony W. Buchanan, PhD
- Research tasks involved acting as experimental confederate during psychosocial stress and tip-of-the-tongue study; additional tasks included biophysiological monitoring setup, data scoring, and data entry

Saint Louis University
December 2008 – January 2012

Brain, Learning, and Cognition Lab

- Undergraduate research assistant during Bachelor of Arts completion; supervised by Christopher M. Conway, PhD
- Research tasks involved Event-Related Potential data collection via the go-no-go task

Saint Louis University
August 2009 – June 2011

Cognition and Memory Lab

- Undergraduate research assistant during Bachelor of Arts completion; supervised by Kethera Fogler, PhD and Donna LaVoie, PhD
- Undergraduate Capstone project was completed assessing the impact of presentation factors (i.e., colored font) on memorability of Deese-Roediger-McDermott paradigm critical lures

Saint Louis University
January 2011-May 2011

PRESENTATIONS AT SCIENTIFIC MEETINGS

Hartling^Δ, S.N. & **Schmank, C.J.** (2026, April) *When doing harm is helpful: Analysis of prosocial aggression predictors*. Presented at the Saint Louis University Graduate Student Association Research Symposium in St. Louis, MO.

Price^Δ, J., **Schmank, C.J.**, Garner, A.A. (2024, November) *Is sports involvement a stronger protective factor for youth with greater symptoms of ADHD?* Presented at the Association for Behavioral and Cognitive Therapies (ABCT) Conference in Philadelphia, PA.

Price^Δ, J., **Schmank, C.J.**, Garner, A.A. (2024, March & April) *Sports involvement as a protective factor for youth with ADHD? A test of the Differential Susceptibility Hypothesis*. Presented at the ABCD Insights & Innovations Meeting (AIIM) in Bethesda, MD and the Pediatric Science Day Conference at Cardinal Glennon Children's Hospital in St. Louis, MO.

Goring, S.A., Kane, M.J., **Schmank, C.J.**, & Conway, A.R.A. (2022, Aug.) *Individual differences in reading comprehension: A comparison of latent variable and network models*. Spoken presentation presented at the 22nd conference of the European Society for Cognitive Psychology, Lille, FR.

Conway, A.R.A., Abrams, L., Goring, S.A., **Schmank, C.J.**, Bauer, K., & Pallentin, V. (2022, Nov.). *An investigation of individual and developmental differences in Rationality and Intelligence*. Spoken presentation presented at the 63rd Annual Meeting of the Psychonomic Society, Boston, MA.

- Goring, S.A., **Schmank, C.J.**, Kane, M.J., & Conway, A.R.A. (2021, May). *Psychometric models of individual differences in reading comprehension: A re-analysis of Freed, Hamilton, and Long (2017)*. Poster presented at the Association for Psychological Science 2021 Virtual Convention.
- [†]Goring S.A., **Schmank, C.J.**, & Conway, A.R.A. (2020, April). *Aging and models of cognitive ability: Exploratory and confirmatory analyses of Hungarian WAIS-IV data*. Poster presented at the Cognitive Aging Conference, Atlanta, GA
- Goring, S.A., **Schmank, C.J.**, Kane, M.J., & Conway, A.R.A. (2018, November). *A network model of reading comprehension*. Poster presented at the 59th Annual Meeting of the Psychonomic Society, New Orleans, LA.
- Schmank, C.J.**, Goring, S.A., & Conway, A.R.A. (2018, May). *Network model of the Woodcock-Johnson test of cognitive ability*. Poster presented at the 30th Association for Psychological Science Annual Meeting, San Francisco, CA.
- Schmank, C.J.**, & James, L.E., (2017, April). *Evaluative observation increases TOT states for adults of all ages*. Paper presented to the 87th Annual Meeting of the Rocky Mountain Psychological Association, Salt Lake City, UT.
- Schmank, C.J.**, James, L.E., & Silver, A.I. (2016, November). *Effects of situational stress on word retrieval in young, middle-aged, and older adults*. Poster presented at the 56th Annual Meeting of the Psychonomic Society, Boston, MA.
- James, L.E., Metz, M.J., **Schmank, C.J.**, & Chambers, B.N., (2016, April). *Parallel stress effects on speech fluency and word retrieval in young and older adults*. Poster presented at the Cognitive Aging Conference, Atlanta, GA.
- ***Schmank, C.J.**, (2015, April). *Does concurrent stress affect word retrieval across the lifespan?* Paper presented to the 85th Annual Meeting of the Rocky Mountain Psychological Association, Boise, ID.
- Schmank, C.J.**, & James, L.E., (2014, November). *Stress effects on word retrieval across the lifespan*. Poster presented to the 55th Annual Meeting of the Psychonomic Society, Long Beach, CA.
- James, L.E., **Schmank, C.J.**, & Castro, N. (2013, November). *The impact of stress on young and older adults' word retrieval*. Paper presented to the 54th Annual Meeting of the Psychonomic Society, Toronto, ONT.
- James, L.E., **Schmank, C.J.**, & Castro, N. (2013, July). *Word retrieval is harmed by stressful conditions*. Poster presented at the 121st Annual Convention of the American Psychological Association, Honolulu, HI.
- James, L.E., **Schmank, C.**, Castro, N., Hendricks, M.A., & Buchanan, T.W. (2013, April). *Recent discoveries regarding stress and the tip of the tongue phenomenon*. Paper presented to the 83rd Annual Meeting of the Rocky Mountain Psychological Association, Denver, CO.
- Hendricks, M.A., Wu, J., **Schmank, C.**, Conway, C.M., & Buchanan, T.W. (2012, November). *The effects of stress on electrophysiological correlates of Go/Nogo Response Inhibition*. Presented at the 42nd Annual Meeting of the Society for Neuroscience, New Orleans, LA.
- James, L.E., Hendricks, M., Gunn, A., **Schmank, C.**, & Buchanan, T.W. (2011, April). *Effects of laboratory stressors and cortisol response on proper name retrieval*. Presented at the 81st Annual Meeting of the Rocky Mountain Psychological Association, Denver, CO.
- James, L.E., Hendricks, M., Gunn, A., **Schmank, C.**, & Buchanan, T.W. (2010, November). *Tip-of-the-tongue states: A role for cortisol response but not laboratory stressor tasks*. Paper presented at the 51st Annual Meeting of the Psychonomic Society, Saint Louis, MO.
- Fogler, K., **Schmank, C.**, & LaVoie, D. (2010, November). *Age differences in neuropsychological correlates of false memory for contextual details*. Poster presented at the 51st Annual Meeting of the Psychonomic Society, Saint Louis, MO.
- Hendricks, M., **Schmank, C.**, James, L.E., & Buchanan, T.W. (2010, June). *Individual differences in cortisol stress reactivity are associated with trait vulnerability to tip of the tongue states*. Poster presented at the Neurobiology of Stress Workshop, Boulder, CO.
- LaVoie, D., **Schmank, C.**, & Fogler, K. (2010, April). *Perceptual context effects in young and older adults' false recognition*. Poster presented at the Cognitive Aging Conference, Atlanta, GA.
- Schmank, C.**, Wang, J., Beck, A. (2009, April). *Perceptual memory: Effects of changing perceptual context on false recollection*. Poster presented at the 81st Annual Midwestern Psychological Association Conference, Chicago, IL.
- [†] Poster presentation canceled due to COVID-19 pandemic
- * Submission nominated for conference research award
- ^Δ Current graduate student enrolled at Saint Louis University

PROFESSIONAL AFFILIATIONS

Psi Chi—Psychology Honor Society

Joined in March 2008

- ID: 600558

Association for Psychological Science	Joined Summer 2008
• ID: 84761	
Psychonomic Society	Joined in May 2013
• ID: 42220949	
Open Science Framework	Joined in June 2018
• Website: https://osf.io/b57sp/	
ORCID	Joined in August 2019
• Website: https://orcid.org/0000-0002-5230-4810	
Association of Psychological Science	Renewed in May 2026
• ID: 195550	
Society for Applied Research in Memory and Cognition	Renewed in May 2026

RESEARCH FUNDING

BLAIS Challenge Award	Claremont Graduate University September 2019
• Dr. Andrew Conway and Dr. Lise Abrams applied for these funds to be used in conducting research on younger and older adults concerning various topics of cognitive aging, intelligence, and rational thinking	
• Vital for the completion of my dissertation, which was part of the multi-day study these funds were used to compensate participants with	
UCCS Interdepartmental Funding	University of Colorado Colorado Springs
• Dr. Lori James acquired these funds (\$750) to collect data from older adult participants in a project concerning the impact of ostensible observation on language production	
• This later became the topic of my thesis project for completion of my Master's program	

AWARDS AND HONORS

Donald G. Brennan Graduate Mentoring Excellence Award Nominee	Spring 2026
• Nominated by graduate student during 2025-2026 academic year	
• Finalist for the College of Arts and Sciences	
Stuart Oskamp Fellowship Award	2019-2020 Academic Year
• Received from the Division of Behavioral and Organizational Sciences at Claremont Graduate University	
• \$1000 fellowship awarded for demonstration of academic and research excellence in the Psychology Department	
Division of Behavioral and Organizational Sciences Blaisdell Fellowship	2018 – 2020 Academic Years
• Received from Claremont Graduate University	
• Awarded by the Psychology Department	
Division of Behavioral and Organizational Sciences Scholar Award	2017 – 2020 Academic Years
• Received from Claremont Graduate University	
• Fellowship provided by the Psychology Department	
National Residence Hall Honorary Campus Award	Awarded in 2014
• Nominated by students at University of Colorado Colorado Springs	
Psychology Graduate Student Organization Service Co-Chair	2014-2015 Academic Year
• Served on committee and organized several fundraisers and donation opportunities for graduate Psychology students at the University of Colorado Colorado Springs	
University Out-of-State Scholarship	Fall 2012
• Awarded during first semester of Master's work at University of Colorado Colorado Springs	
Research Award Undergraduate Psychology Poster Symposium	Spring 2009
• Received Honorable Mention for Capstone project poster at Saint Louis University	

REFERENCES

Graduate School (PhD) Mentor

Andrew R. A. Conway, PhD
New Mexico State University
Psychology Department
PO Box 30001
Las Cruces, NM 88003-8001
(575) 646-2502
aconway@nmsu.edu

Graduate (PhD) Committee Member

Kathy Pezdek, PhD
Claremont Graduate University
Department of Psychology
123 East 8th St
Claremont, CA 91711
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Graduate (PhD) Committee Member

Lise Abrams, PhD
Pomona College
Department of Linguistics and Cognitive Science
185 E. 6th St
Claremont, CA 91711
(909) 607-2440
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Graduate School (MA) Mentor

Lori E. James, PhD
University of Colorado Colorado Springs
Department of Psychology
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