

Christopher J. Schmank, PhD

3700 Lindell Blvd
Morrissey Hall, Room 2827
St. Louis, MO, 63112
chris.schmank@health.slu.edu
314-977-7299

EDUCATION

Claremont Graduate University

Claremont, CA

Doctor of Philosophy in Applied Cognitive Psychology, May 2025

University of Colorado Colorado Springs

Colorado Springs, CO

Master of Arts in Psychological Sciences (Concentration: Cognition), December 2016

Saint Louis University

Saint Louis, MO

Bachelor of Arts in Psychology with Minor in Philosophy, May 2010

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>

TEACHING EXPERIENCE

Applications of Research Methods and Statistics

Saint Louis University (PSY 4060/4960)

Fall 2025 – Present

Psychometric Theory

Saint Louis University (PSY 5090)

Spring 2024 – Present

Applied Multivariate Statistics

Saint Louis University (PSY 6500)

Spring 2024 – Present

Applied Univariate Statistics

Saint Louis University (PSY 5790)

Fall 2023 – Present

Cognitive Psychology

Saint Louis University (PSY 3120)

Fall 2023 – Present

User Experience Research Methods

Claremont Graduate University (PSY 350UR)

Spring 2023 – Fall 2023

Supervisor: Danielle Green, Ph. D.

Interaction Design and Usability Testing

Claremont Graduate University (PSY 350UT)

Fall 2022 – Spring 2023

Supervisor: Danielle Green, Ph. D.

User Experience: Design and Strategy

Claremont Graduate University (PSY 350UX)

Spring 2021 – Fall 2022

Supervisor: Danielle Green, Ph. D.

Interaction Design and Usability Testing

Claremont Graduate University (PSY 350UT)

Fall 2020 – Spring 2021

Supervisor: Jaime Levy, M. A.

Introductory Statistics for Psychological Science

Pomona College (PSYC 158)

Fall 2020 – Fall 2021

Supervisor: Patricia Smiley, Ph. D.

Introduction to Statistics for Psychology

Claremont McKenna College (PSYC 109CM)

Spring 2017 – Fall 2021

Supervisor: Shana Levin, Ph. D.

**Statistics Consultant for Psychology Senior Research Seminar
Claremont McKenna College (PSYC 198CM)**

Spring 2017 – Fall 2021

Supervisor: Shana Levin, Ph. D.

Structural Equation Modeling

Claremont Graduate University (PSY 315h)

Fall 2019 – Fall 2021

Supervisor: Andrew Conway, Ph. D.

Factor Analysis

Claremont Graduate University (PSY 315f)

Fall 2019 – Fall 2021

Supervisor: Andrew Conway, Ph. D.

Quantitative Analysis & Statistics for Evaluation & Applied Research

Claremont Graduate University (EVAL 320)

Summer 2019 – Fall 2019

Supervisor: Andrew Conway, Ph. D.

Mixed Methods in Evaluation & Applied Research

Claremont Graduate University (EVAL 330)

Summer 2019 – Fall 2019

Supervisor: Tarek Azzam, Ph. D.

Social Science Statistics Tutor,

University of Colorado Colorado Springs Excel Mathematics Center

Fall 2014 – Fall 2016

Supervisor: Jenny Dorrington, Ph. D.

Survey of Learning and Cognition

University of Colorado Colorado Springs (PSY 3130)

Fall 2014 – Spring 2015

Supervisor: Lori E. James, Ph. D.

Undergraduate Research Methods Course

University of Colorado Colorado Springs (PSY 2110)

Fall 2012 – Spring 2015

Supervisor: Lori E. James, Ph. D. and Jennifer Clarke Ph. D.

RESEARCH EXPERIENCE

CALIBER Lab, Claremont Graduate University

August 2017 – Present

Position: Graduate Research Assistant

PhD Supervisor: Andrew R. A. Conway, Ph. D.

Reality Smash, Irvine, CA

October 2020 – August 2022

Position: User Experience Research Assistant

Supervisor: Dylan Watkins and Tanya Miramontes

Here.LA, Los Angeles, CA

February 2021 – May 2021

Position: User Experience Research Assistant
 Supervisor: Amber Hawkes and Shannon Davis

HitPoint Studios, Los Angeles, CA

May 2019 – August 2022

Position: User Experience Research Assistant
 Supervisor: Ariella Lehrer, Ph.D. CEO, HitPoint Studios

The Accenture Talent Innovation Lab, Claremont Graduate University

March 2019 – September 2019

Position: Specialized Consultant
 Supervisor: Christopher Chen, M. S.

The Accenture Talent Innovation Lab, Claremont Graduate University

August 2018 – March 2019

Position: Research Associate
 Supervisor: Christopher Chen, M. S.

Language and Memory Problems Lab, University of Colorado Colorado Springs

August 2012 – July 2017

Position: Graduate Research Assistant
 MA Supervisor: Lori E. James, Ph.D.

Cognitive Neuroscience of Stress Lab, Saint Louis University

December 2008 – December 2011

Position: Undergraduate Research Assistant/Data Scorer
 BA Supervisor: Tony Buchanan, Ph.D.

Brain, Learning, and Cognition Lab, Saint Louis University

August 2009 – June 2011

Position: Undergraduate Research Assistant
 Supervisor: Christopher M. Conway, Ph.D.

Cognition and Memory Lab, Saint Louis University

January 2011-May 2011

Position: Undergraduate Research Assistant
 Supervisor: Kethera Fogler, Ph.D.

PRESENTATIONS AT SCIENTIFIC MEETINGS

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, France.

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 postponed due to COVID-19 pandemic

* Submission nominated for conference research award

RESEARCH FUNDING

BLAIS Challenge Award—September 2019—Applied for by Dr. Andrew Conway and Dr. Lise Abrams and used to conduct research on various topics of cognitive aging and rationality.

Interdepartmental funding for project entitled *Impact of Non-Verbal Behavior Language Production*—\$750 used to collect data from older adult participants

PROFESSIONAL AFFILIATIONS

Psi Chi—Psychology Honor Society March 2008

Student Member of the Association for Psychological Science Summer 2008 – Present (ID: 84761)

Student Member of Psychonomic Society 2013 – Present

Student Member of the Society for Applied Research in Memory and Cognition 2017 – Present

Member of Open Science Framework 2017 – Present

AWARDS AND HONORS

Recipient of the Oskamp Student Fellowship Award 2019-2020 from Claremont Graduate University

Recipient of Claremont Graduate University Scholar Award (2018)

University of Colorado Colorado Springs National Residence Hall Honorary Campus Award (2014)

University of Colorado Colorado Springs Psychology Graduate Student Organization Service Co-Chair (2014)

Recipient of University Out-of-State Scholarship from University of Colorado Colorado Springs (August 2012)

Honorable Mention at Saint Louis University Undergraduate Psychology Poster Symposium

Recipient of University Scholarship from Saint Louis University September 2006

REFERENCES

Graduate School (PhD) Mentor

Andrew R. A. Conway, Ph.D.
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, Ph.D.
Claremont Graduate University
Department of Psychology
123 East 8th St
Claremont, CA 91711
(909) 621-8084
kathy.pezdek@cgu.edu

Graduate (PhD) Committee Member

Lise Abrams, Ph.D.
Pomona College
Department of Linguistics and Cognitive
Science
185 E. 6th St
Claremont, CA 91711
(909) 607-2440
Lise.abrams@pomona.edu

Graduate School (MA) Mentor

Lori E. James, Ph.D.
University of Colorado Colorado Springs
Department of Psychology
1420 Austin Bluffs Pkwy
Colorado Springs, Colorado 80918
(719) 255-4172
ljames@uccs.edu