

Janelle K. Szary

Postdoctoral Fellow

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EDUCATION

FORMAL TRAINING

Ph.D.	Cognitive and Information Sciences, University of California, Merced <i>Dissertation: An Extended, Dynamic Account of Collaborative Remembering and Information Search</i>	2009–2015
B.A.	Psychology, New York University	2006–2008
A.A.	General Studies, New York University	2004–2006

ADDITIONAL TRAINING

Summer School	Nonlinear Methods in Psychological Research American Psychological Association Advanced Training Institute, <i>Cincinnati, Ohio</i>	June 2013
Summer School	Neuromorphic Cognition Engineering <i>Telluride, Colorado</i>	June–July 2011
Tutorial	Dynamic Field Theory Cognitive Science Society, <i>Portland, Oregon</i>	August 2010
Summer School	Cognitive Science and Machine Learning <i>Pula, Sardinia, Italy</i>	May 2010
Coursework	Computer Information and Technology Program Johnson County Community College, <i>Overland Park, KS</i>	2008–2009

PUBLICATIONS

Szary, J., & Jones, M. N. (2016). Semantic, Lexical, and Geographic Cues are used in Geographic Fluency. *Proceedings of the 38th Annual Conference of the Cognitive Science Society*. Cognitive Science Society.

Szary, J., Dale, R., Kello, C. T., & Rhodes, T. (2015). Patterns of interaction-dominant dynamics in individual versus collaborative memory foraging. *Cognitive Processing*, *16*(4), 389-399.

Szary, J., Kello, C., & Dale, R. (2015). Memory foraging in a spatial domain. In D. C. Noelle, R. Dale, A. S. Warlaumont, T. Matlock, C. D. Jennings, J. Yoshimi, & P. Maglio (Eds.), *Proceedings of the 37th Annual Conference of the Cognitive Science Society*. Cognitive Science Society.

Szary, J., & Dale, R. (2014). Familiarity modulates the dynamics of collaborative inhibition in a trivia game. In P. Bello, M. Guarini, M. McShane, & B. Scassellati (Eds.), *Proceedings of the 36th Annual Conference of the Cognitive Science Society*. Cognitive Science Society.

Szary, J., & Dale, R. (2013). Dyadic cooperation enhances retrieval and recall of crossword solutions. In M. Knauff, M. Pauen, N. Sebanz, & I. Wachsmuth (Eds.), *Proceedings of the 35th Annual Conference of the Cognitive Science Society*. Cognitive Science Society.

Szary, J., Kerster, B., & Kello, C. (2011). What makes a brain smart? Reservoir computing as an approach for general intelligence. *Proceedings of the 4th Conference on Artificial General Intelligence*. Springer.

Szary, J., & Kello, C. T. (2011). Visual motion perception using critical branching neural computation. In L. Carlson, C. Hölscher, & T. Shipley (Eds.), *Proceedings of the 33rd Annual Conference of the Cognitive Science Society*. Cognitive Science Society.

PRESENTATIONS

ORAL PRESENTATIONS

Szary, J., Kello, C., & Dale, R. (2015). Memory foraging in a spatial domain. *37th Annual Conference of the Cognitive Science Society*. Pasadena, California, United States.

Szary, J. (2015). Inter- and in-dependence in collaborative memory foraging: An empirical and computational investigation. *4th Meeting of the Society for Complex Systems in Cognitive Science*. Pasadena, California, United States.

Szary, J., & Dale, R. (2014). Modeling the effects of interaction and resource landscape on search. *44th Annual Meeting of the Society for Computers in Psychology*. Long Beach, California, United States.

Szary, J., & Dale, R. (2014). Familiarity modulates the dynamics of collaborative inhibition in a trivia game. *36th Annual Conference of the Cognitive Science Society*. Québec City, Canada.

Szary, J., & Dale, R. (2013). Dyadic cooperation enhances retrieval and recall of crossword solutions. *5th Joint Action Meeting*. Berlin, Germany.

Szary, J., Kello, C., Dale, R., & Rhodes, T. (2013). Collaborative recall: Interacting memory foraging. *3rd Meeting of the Society for Complex Systems in Cognitive Science*. Berlin, Germany.

Szary, J., Kerster, B., & Kello, C. (2011). What makes a brain smart? Reservoir computing as an approach for general intelligence. *4th Conference on Artificial General Intelligence*. Mountain View, California, United States. *Presented by C. Kello.

Szary, J. K., & Kello, C. T. (2011). Visual motion perception using critical branching neural computation. *33rd Annual Meeting of the Cognitive Science Society*. Boston, Massachusetts, United States.

Szary, J., & Kello, C. (2011). Motion perception using a critical branching neural network. *32nd Annual Central California Research Symposium*. Fresno, California, United States.

Szary, J. (2011). Cognitive and Information Science: Approaches to understanding the brain's intelligence. *Women in Science and Engineering Spring 2011 Graduate Student Speaker Series*. Merced, California, United States.

POSTER PRESENTATIONS

Szary, J., & Jones, M. N. (2016). Can Distributional Fitting of Semantic Fluency Data Predict ADHD? *57th Annual Meeting of the Psychonomic Society*. Boston, Massachusetts.

Szary, J., & Jones, M. N. (2016). Semantic, Lexical, and Geographic Cues are used in Geographic Fluency. *38th Annual Conference of the Cognitive Science Society*. Philadelphia, Pennsylvania.

Szary, J., & Jones, M. N. (2016). Can Distributional Fitting of Short Semantic Fluency Results Predict ADHD? *38th Annual Conference of the Cognitive Science Society*. Philadelphia, Pennsylvania.

Szary, J., Jones, M. N., & Dale, R. (2015). Model selection using multi-model inference: An example showing interaction dominance in collaborative foraging. *45th Annual Meeting of the Society for Computers in Psychology*. Chicago, Illinois.

Szary, J., Chiu, E. M., & Balasubramaniam, R. (2014). Tap it out: Exploring the role of cross modal feedback on rhythmic sequence production. *36th Annual Conference of the Cognitive Science Society*. Québec City, Canada.

Szary, J., & Dale, R. (2013). Dyadic cooperation enhances retrieval and recall of crossword solutions. *35th Annual Conference of the Cognitive Science Society*. Berlin, Germany.

Szary, J., Kello, C., & Rhodes, T. (2013). Collaborative memory foraging in categorical recall tasks. *35th Annual Conference of the Cognitive Science Society*. Berlin, Germany.

Szary, J., Dale, R., & Kello, C. (2013). Collaborative crossword solution search: When two heads are better than one. *UC Merced Research Week Graduate Student Poster Competition*. Merced, California, United States.

Johnson, D., **Szary, J.**, Sharot, T., & Phelps, E. (2008). The mechanisms underlying the optimism bias. *Dean's Undergraduate Research Conference*. New York, New York, United States.

Hartley, C. A., Meltzer, E. P., Salman, R., **Szary, J. K.**, & Phelps, E. A. (2008). The role of agency in modulating conditioned arousal. *Attention and Performance Conference*. Stowe, Vermont, United States. *Presented by C. Hartley

Hartley, C. A., Meltzer, E. P., Salman, R., **Szary, J. K.**, & Phelps, E. A. (2008). The role of agency in modulating conditioned arousal. *2nd Annual Social and Affective Neuroscience Conference*. Boston, Massachusetts, United States. *Presented by C. Hartley

Hartley, C. A., **Szary, J. K.**, Fischl, B., & Phelps, E. A. (2008). Brain structure correlates of individual differences in the acquisition and regulation of conditioned fear. *Annual Meeting of the Cognitive Neuroscience Society*. San Francisco, California, United States. *Presented by C. Hartley

Hartley, C. A., **Szary, J. K.**, Fischl, B., & Phelps, E. A. (2007). Brain structure correlates of sensitivity to anticipated aversive outcomes. *Annual Meeting of the Society for Neuroeconomics*. Hull, Massachusetts, United States. *Presented by C. Hartley

AWARDS & HONORS

2016	Provost's Travel Award for Women in Science*, Indiana University
2015–2016	Postdoctoral Trainee*, NIH T32 HD-07475 Developmental Training Grant, Multidisciplinary Program in Developmental Process, Indiana University
2015	Student Travel Grant* (among top student papers), Cognitive Science Society
2015	Travel Fellowship*, CIS Graduate Group, UC Merced
2015	Summer Fellowship*, CIS Graduate Group, UC Merced
2015	Outstanding Woman Nominee, Office of Student Life Women's Programs, UC Merced
2015	Featured Researcher, Kolligian Library Graduate Student Research Showcase, UC Merced
2014	Birnbaum Award for Student Membership, Society for Computers in Psychology
2014	Summer Fellowship*, CIS Graduate Group, UC Merced
2014	Travel Fellowship*, CIS Graduate Group, UC Merced
2013	Summer School Fellowship*, CIS Graduate Group, UC Merced
2013	Summer Fellowship*, CIS Graduate Group, UC Merced
2013	Travel Fellowship*, CIS Graduate Group
2013	First Place*, Research Week Graduate Student Poster Competition, UC Merced
2010–2011	Faculty Mentor Program Fellowship*, Graduate Division, UC Merced
2008	University Honors Scholar, New York University
2008	Dean's Honor Roll, New York University
2008	Certificate of Achievement in Psychology Dean's Award, New York University
2008	Student-Athlete Academic Achievement Award, New York University
2005, 2007, 2008	President's Honor Roll, New York University
2006, 2007, 2008	All-Academic Recognition, University Athletic Association
2005, 2006, 2008	Intercollegiate Athletics Advisory Committee's Honor Roll, New York University

*Funding Awards

TEACHING

INSTRUCTOR OF RECORD

Summer 2014 Cognitive Neuroscience, UC Merced

TEACHING FELLOW

Spring 2015 Research Methods in Cognitive Science (Prof. Rick Dale), UC Merced

Fall 2014 Service Science (Prof. Paul Maglio), UC Merced

Spring 2014 Logic and Critical Reasoning (Prof. Rolf Johansson), UC Merced
Fall 2013 Introduction to Cognitive Science (Prof. Michael Spivey), UC Merced
Spring 2013 Cognitive Neuroscience (Prof. Anne Warlaumont), UC Merced

TEACHING ASSISTANT

Fall 2012 Decision Making (Prof. Evan Heit), UC Merced
Spring 2012 Research Methods in Cognitive Science (Prof. Ben Pageler), UC Merced
Fall 2011 Service Science (Prof. Paul Maglio), UC Merced
Spring 2010 Research Methods in Cognitive Science (Prof. Christopher Kello), UC Merced
Fall 2009 Introduction to Psychology (Prof. Diane Odom-Gunn), UC Merced

TEACHING MENTOR

Spring 2008 Introduction to Psychology (Prof. Elizabeth Phelps), New York University
Fall 2007 Introduction to Psychology (Prof. David Amodio), New York University

SERVICE & UNIVERSITY INVOLVEMENT

2016, 2017 Ad Hoc Reviewer, Cognitive Processing
2015 Ad Hoc Reviewer, Behavioral Research Methods
April 2015 Panelist, Peer Mentor Program: "How to Find and Prepare for a Committee"
2015 Ad Hoc Reviewer, PLoS ONE
2014 Ad Hoc Reviewer, Psychonomic Bulletin & Review
2014 Member, Graduate Professional Advancement Initiative Teaching and Mentoring Sub-Committee
2013–2014 Graduate Student Representative, Graduate Professional Advancement Initiative
2012–2014 Graduate Student Representative, Student Fee Advisory Committee
2012–2014 Internal Vice President, Graduate Student Association
2012–2014 Chair, Graduate Student Association Delegate Assembly
2013 Co-Organizer, Cognitive and Information Science Group Weekly Seminar
March 2013 Presenter, UC Merced Creative Research Week Exhibition
2012 Graduate Student Representative, Vice Chancellor's Student Advisory Board
August 2012 Panelist, Graduate Student Orientation Week
2010–2012 Vice President, Women in Science and Engineering
2011–2012 Board Member, University of California, Student Association
2011–2012 External Vice President, Graduate Student Association
June 2011 Graduate Program Advocate, University of California Advocacy Day (Washington, D. C.)
May 2011 UC Merced Advocate, Graduate Research Day at the State Capitol (Sacramento, California)
2010–2011 Graduate Student Representative, Chancellor's Sustainability Committee
2010–2011 Graduate Student Representative, Commission on Women Committee
2009–2010 Participant, Graduate Student Peer Mentor Program

PROFESSIONAL MEMBERSHIPS

Psychonomic Society • American Psychological Association • Cognitive Science Society • Psi Chi National Honor Society • Society for Complex Systems in Cognitive Science • Society for Computers in Psychology • Women in Cognitive Science