

**Andrea Michael Cataldo**  
*Curriculum Vitae*

**Contact Information**

Mail: 225 de Marneffe Building  
McLean Hospital  
115 Mill St.  
Belmont, MA 02478  
E-Mail: amcataldo@mclean.harvard.edu  
Phone: 781-243-9593

**Employment**

2019 – present **Postdoctoral Research Fellow**  
McLean Hospital / Harvard Medical School  
Center for Depression, Anxiety, & Stress Research  
Motivated Learning & Memory Laboratory

**Education**

**Ph.D.** **University of Massachusetts:** Amherst, MA  
2019 Program: Cognitive Psychology  
Advisor: Dr. Andrew Cohen  
Dissertation: *A Flexible Comparison Process as a  
Critical Mechanism for Context Effects*

**M.S.** **University of Massachusetts:** Amherst, MA  
2016 Program: Cognitive Psychology  
Advisor: Dr. Andrew Cohen  
Thesis: *The Influence of Discrete Emotional States  
on Preferential Choice*

**B.A.** **University of Massachusetts:** Amherst, MA  
2009 Major: Psychology; Minor: Philosophy  
Magna Cum Laude  
Thesis: *The Effects of Uncertain Mood on Pattern  
Perception: A Signal Detection Perspective*

**Awards**

UMass Psychological & Brain Sciences Travel Award, 2017, 2018  
John & Abigail Adams Tuition Waiver, 2005-2009

## Publications

- Cataldo, A. M., & Cohen, A. L. (submitted). Modelling preference reversals in context effects over time. *Computational Brain & Behavior*
- Cataldo, A. M., & Cohen, A. L. (submitted). Framing context effects with reference points. *Cognition*
- Cohen, A. L., & Cataldo, A. M. (under review). Predicting patterns in computational models of context effects. *Decision*
- Starns, J. J., Rotello, C. M., & Cataldo, A. M. (in press). Blinded inference: An opportunity for mathematical modelers to lead the way in research reform. *Computational Brain & Behavior*
- Starns, J. J., Cataldo, A. M., Rotello, C. M., et al. (in press). Assessing theoretical conclusions with blinded inference to investigate a potential inference crisis. *Advances in Methods and Practices in Psychological Science*
- Cataldo, A. M., & Cohen, A. L. (2018b). The comparison process as an account of variation in the attraction, compromise, and similarity effects. *Psychonomic Bulletin & Review*
- Cataldo, A. M., & Cohen, A. L. (2018a). Reversing the similarity effect: The effect of presentation format. *Cognition*, *175*, 141-156.
- Jones, T., Hadley, H., Cataldo, A. M., Arnold, E., Curran, T., Tanaka, J. W., & Scott, L. S. (2018). Neural and behavioral effects of subordinate-level training of novel objects across manipulations of color and spatial frequency. *European Journal of Neuroscience*.
- Cataldo, A. M., & Cohen, A. L. (2015). The effect of emotional state on visual detection: A signal detection analysis. *Emotion*, *15*(6), 846-853.
- Wolff, J. C., Frazier, E. A., Esposito-Smythers, C., Becker, S. J., Burke, T. A., Cataldo, A., & Spirito, A. (2014). Negative cognitive style and perceived social support mediate the relationship between aggression and NSSI in hospitalized adolescents. *Journal of Adolescence*, *37*(4), 483-491.
- Liu, R. T., Frazier, E. A., Cataldo, A. M., Simon, V. A., Spirito, A., & Prinstein, M. J. (2014). Negative life events and non-suicidal self-injury in an adolescent inpatient sample. *Archives of Suicide Research*, *18*(3), 251-258.
- Becker, S. J., Swenson, R. R., Esposito-Smythers, C., Cataldo, A. M., & Spirito, A. (2014). Barriers to seeking mental health services among adolescents in military families. *Professional Psychology: Research and Practice*, *45*(6), 504-513.

Chen, Y., Cataldo, A., Norton, D. & Ongur, D. (2012). Distinct facial processing in schizophrenia and schizoaffective disorders. *Schizophrenia Research*, 134 (1), 95-100.

### **Conference Presentations**

Cataldo, A. M., & Cohen, A. L. (2018, November). Context effects and the comparison process. Talk given at the annual meeting of the Psychonomic Society, New Orleans, LA. Presented by Cohen (per conference rules).

Starns, J.J., Rotello, C.M., & Cataldo, A. M. (2018, May). Validity of researcher inference in recognition memory: A blinded validation study. Talk given at the annual Context and Episodic Memory Symposium, Philadelphia, PA. Presented by Starns.

Carr, A., Jones, T., Cataldo, A.M., Hadley, H., Arnold, E., Tanaka, J., Curran, T. & Scott, L.S. (2018, May). Changes in Visual Scanning Strategies Accompany the Acquisition of Perceptual Expertise. Poster session presented at the annual meeting of the Vision Sciences Society, St. Pete Beach, FL. Presented by Carr.

Cataldo, A. M. & Cohen, A. L. (2017, November). Reversing the similarity effect: The influence of presentation format. Talk given at the annual meeting of the Psychonomic Society, Vancouver, BC. Presented by Cohen (per conference rules).

Cataldo, A. M. & Cohen, A. L. (2017, November). Applications of a Bayesian hierarchical signal detection model to emotion research. Poster session presented at the annual meeting of the Psychonomic Society, Vancouver, BC. Presented by Cataldo.

Carr, A., Jones, T., Cataldo, A.M., Hadley, H., Arnold, E., Tanaka, J., Curran, T. & Scott, L.S. (May 2017). A dissociation between visual strategy use and accuracy after perceptual expertise training. Poster presented at the annual meeting of the Vision Sciences Society, St. Pete Beach, FL. Presented by Carr.

Jones, T., Cataldo, A.M., Hadley, H., Arnold, E., Tanaka, J., Curran, T. & Scott, L.S. (May 2017). Subordinate-level training with novel objects differentially impacts neural and behavioral processing. Poster presented at the annual meeting of the Vision Sciences Society, St. Pete Beach, FL. Presented by Jones.

Cataldo, A. M. & Cohen, A. L. (2017, January). Refining the emotion manipulation check. Talk given at the annual meeting of the Society for Personality and Social Psychology, San Antonio, TX. Presented by Cataldo.

Cataldo, A. M. & Cohen, A. L. (2016, November). The influence of emotion and framing on preferential choice. Poster session presented at the annual meeting of the Psychonomic Society, Boston, MA. Presented by Cataldo.

Hadley, H., Arnold, E., Cataldo, A.M., Tanaka, J., Curran, T., Scott, L.S. (2016, May). The importance of color and spatial frequency information after laboratory-trained perceptual expertise. Poster presented at the annual meeting of the Vision Sciences Society, St. Pete Beach, FL. Presented by Hadley.

Zimmermann, R., Wolff, J., Simon, V., Cataldo, A., Spirito, A., Prinstein, M. (2012, November). Overt and relational aggression and deviant peer affiliation: Risk factors for substance use among adolescent females. Poster session presented at the annual meeting of the Association for Behavioral and Cognitive Therapy, Washington, DC. Presented by Cataldo.

Becker, S. J., Nargiso, J. E., Wolff, J.C., Uhl, K.M., Cataldo, A., Simon, V., Spirito, A., & Prinstein, M.J. (2011, August). Temporal relationship between substance use and delinquent behavior among young psychiatrically hospitalized adolescents. Poster session presented at the annual meeting of the European Association for Behavioral and Cognitive Therapy, Reykjavik, Iceland. Presented by Wolff.

Cataldo, A., Ongur, D., & Chen, Y. (2010, March). Seeing faces, reading minds: The relationship between deficits in theory of mind and facial identity discrimination among schizophrenic patients. Poster session presented at the Harvard Psychiatry Research Day, Cambridge, MA. Presented by Cataldo.

Cataldo, A., Cohen, A., & Dasgupta, N. (2009, November). The effect of mood on pattern perception: A signal detection analysis. Poster session presented at the annual meeting of the Psychonomic Society, Boston, MA. Presented by Cohen.

## **Research Experience**

Jan 2018 – Jul 2019

### **Research Assistant**

University of Massachusetts, Amherst MA  
Eyewitness Memory Project  
Dr. Starns, Dr. Rotello, Dr. Cohen

Jan 2017 – Jul 2019

### **Research Assistant**

University of Massachusetts, Amherst MA  
Measuring Memory Project  
Dr. Jeffrey Starns, Dr. Caren Rotello

Jan 2015 – May 2019

### **Statistical & Methodological Consultant**

University of Massachusetts, Amherst MA  
Institute for Social Science Research

May 2015 – Aug 2016

**Research Assistant**

University of Massachusetts, Amherst MA  
Brain, Cognition, & Development Lab  
Dr. Lisa Scott

Nov 2010 – Jul 2013

**Research Assistant**

Brown University, Providence RI  
Bradley/Hasbro Children's Research Center  
Dr. Anthony Spirito, Dr. Jennifer Wolff

May 2009 – Oct 2010

**Research Assistant**

McLean Hospital, Belmont MA  
Visual Psychophysiology Laboratory  
Dr. Yue Chen

May 2008 – Aug 2008

**Research Assistant**

UMass Medical School, Provincetown MA  
Project Apollo  
Dr. Edward Boyer

**Teaching Experience**

Summer 2017

**Instructor**

University of Massachusetts, Amherst MA  
Statistics in Psychology (1 session)

Sept 2013 – May 2019

**Teaching Assistant**

University of Massachusetts, Amherst MA  
Methods of Inquiry in Psychology (2 semesters)  
Statistics in Psychology (3 semesters)  
Integrative Experience in Psychology (1 semester)  
Social Psychology (2 semesters)  
Graduate Statistics (1 semester)

Summer 2019

**ISSR Workshop Instructor**

University of Massachusetts, Amherst MA  
Getting Started with Bayesian Statistics

Jan 2015 – May 2019

**ISSR Short Course Instructor**

University of Massachusetts, Amherst MA  
Introduction to R  
Data Manipulation in R  
Creating Reports and Presentation Slides in R  
Computing Bayes Factors in R  
De-Mystifying Bayesian Statistics

Sept 2014 – May 2015

**Graduate Mentor**

University of Massachusetts, Amherst MA  
STEM Ambassadors Program

**Service**

Sept 2015 – May 2019

**Union Steward**

Graduate Employee Organization (UAW 2322)

Sept 2015 – May 2019

**Graduate Steering Committee**

UMass Cognitive Science Initiative

Feb 2018

**Prospective Student Day Coordinator**

UMass Psychological & Brain Sciences (Cog. PhD)

**Ad Hoc Journal Reviews**

*Emotion*

*Journal of Experimental Psychology: Applied*

*Journal of Memory and Language*

*Polish Psychological Bulletin*

*Psychonomic Bulletin & Review*