

**Dr. Chaia M. Flegenheimer**  
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## **EDUCATION**

*University of Massachusetts Amherst* 2013-2018  
Program: Neuroscience and Behavior (NSB) PhD Program  
Cumulative GPA 4.0

*Vassar College* 2009-2013  
Major: Neuroscience and Behavior  
Degree: Bachelors of Arts received 05/2013  
Cumulative GPA 3.80; GPA for major courses: 3.86

*University College London* 2011(Fall)  
Program: Psychology  
Cumulative GPA 3.74

## **SCHOLARSHIPS, AWARDS, and FELLOWSHIPS**

CRF Dissertation Fellowship in Family Research 2017: \$10,000  
AIM Teaching Fellowship 2017: \$300  
ADVANCE Graduate Research Assistanceship 2017  
CNS Teaching Fellow 2016  
ADVANCE Graduate Research Assistanceship 2015  
Vassar College General Honors 2013  
Vassar College Departmental Honors in Neuroscience and Behavior 2013  
Psi Chi International Honor Society in Psychology, Vassar College's Chapter 2012  
NYU Center for Neural Science Summer Undergraduate Research Program (SURP) 2011  
Questbridge College Match Scholarship Finalist 2009  
Edward Fein Fellowship Award 2008  
Questbridge College Prep Scholarship 2008

## **RESEARCH EXPERIENCE**

### Graduate Research Assistant

Lab Director: Jennifer McDermott, PhD 2013-Pres  
University of Massachusetts Amherst, Neuroscience and Behavior Program

*Synthesizing literature; creating, organizing and running ERP and behavioral experiments on stereotype threat; running experiments on the development of attention in typical and ADHD populations; behavioral coding, scheduling and running participants, processing, statistically analyzing and presenting ERP and behavioral data*

Project Director: Laurel Smith-Doerr, PhD 2015 & 2017  
University of Massachusetts Amherst, Institute for Social Science Research (ISSR)  
*Collecting, archiving and synthesizing literature; writing annotated bibliographies and literature reviews; coordinating cross-campus meetings with interdisciplinary faculty; maintaining open communication with planning team*

### Additional Research Experience

Undergraduate Research Volunteer 2012

Lab Director: Lisa Scott, PhD

Brain Cognition and Development Lab, UMass Amherst, Psychology Department and Neuroscience and Behavior Program

*Assisted in a study on the effects of individual vs. category level naming on object recognition in infants; scheduled and ran infant participants in electrophysiological and eye-tracking experiments; interacted with parents*

Undergraduate Research Fellowship 2011

Lab Director: Elizabeth Phelps, PhD

Phelps Lab, NYU/CNS, Psychology and Neuroscience Department

*Assisted in a study examining the effects of extinction vs. perceived control on the recovery of conditioned fear; recruited, scheduled and worked with adult participants, performed fear paradigms, processed data and presented results in a conference for CNS/NYU*

### Vassar College Research Experience

Senior Independent Research 2012-2013

Lab Director: Abigail Baird, PhD

Vassar College, Psychology and Neuroscience Department

Independent Research and Work Study 2012-2013

Lab Director: Kevin Holloway, PhD

Vassar College, Psychology and Neuroscience Department

Undergraduate Research Assistant 2010-2011

Lab Director: Jannay Morrow, PhD

Vassar College, Psychology Department

### **PUBLICATIONS**

Lugo-Candelas, C., **Flegenheimer, C.**, Harvey, E., & McDermott, J.M. (2017). Neural correlates of emotion reactivity and regulation in young children with ADHD symptoms. *Journal of Abnormal Child Psychology*, 1311-1324

Lugo-Candelas, C., **Flegenheimer, C.**, McDermott, J.M., & Harvey, E. (2016). Emotional understanding, reactivity, and regulation in young children with ADHD symptoms. *Journal of Abnormal Child Psychology*, 1-14

**Flegenheimer, C.**, Lugo-Candelas, C., Harvey, L., McDermott, J. (2016). Neural processing of threat cues in young children with attention-deficit/hyperactivity symptoms. *Journal of Clinical Child & Adolescent Psychology*

McDermott, J.M., **Flegenheimer, C.**, Harstein, L. (*in preparation*). Feedback cues scaffold executive function skills in young children.

**Flegenheimer, C.**, & McDermott, J.M. (*in preparation*). She believed she could so she did: Women's motivation under stereotype threat.

**Flegenheimer, C.,** Degnan, K., Henderson, H., & McDermott, J. (*in preparation*). The pride before the fall? Gender differences in the role of hubristic pride on antisocial behavior.

## PRESENTATIONS

**Flegenheimer, C.,** Degnan, K., Henderson, H., & McDermott, J. (April 2017). The pride before the fall? Gender differences in the role of hubristic pride on antisocial behavior. Poster presented at SRCD, Austin, TX

**Flegenheimer, C.,** Lugo-Candelas, C., Harvey, L., McDermott, J. (2016, March). Neural Processing of fear faces mediates the relationship between hyperactive symptoms and behavioral difficulties in young children with ADHD. Poster presented at SAS, Chicago, IL

Lugo-Candelas, C., Harvey, L., **Flegenheimer, C.,** McDermott, J. (2016, March). Neural correlates of emotion processing in young children with ADHD. Poster Presented at ABCT

**Flegenheimer, C.,** Lugo-Candelas, C., Cuddy, J., Harvey, L., & McDermott, J. (2015, March). Neural processing of emotion faces in young children with ADHD. Poster session presented at SRCD, Philadelphia, PA

McDermott, J., **Flegenheimer, C.,** Anzouni, K., Hartstein, L. (2015, March). The role of feedback cues in scaffolding executive attention. Poster session presented at SRCD Philadelphia, PA

## TEACHING and MENTORING EXPERIENCE

### Teacher of Record

CNS Teaching Fellowship (NatSci191CNS27) 2016(Fall)

*Instructor of record for 2 undergraduate seminars; planning and implementing syllabus; planning, prepping and running weekly seminars*

### Teaching Assistantships

Learn and Think (Psych320) 2018(Spring)  
*Guest lecturing; coordinating undergraduate TAs; holding office hours and answering questions*

Interdisciplinary Directions in Psychology Discussion (Psych494) 2017(Fall)

*Leading 18 students in discussion and activities focused on diversity in the workforce; grading assignments; holding office hours*

Research Methods in Psychology Laboratory (Psych241) 2013(Fall)  
&2014(Spring)  
&2017(Spring)  
*Teaching 21 students experimental procedures and scientific writing; planning, prepping, and running classes; holding office hours*

Statistics in Psychology (Psych240) 2016(Fall)  
*Teaching 3 laboratory sections including statistical concepts and related R-Studio programming*

Behavioral Neuroscience (Psych330) <i>Guest lecturing; coordinating undergraduate TAs; holding office hours and answering questions</i>	2014(Fall), 2015(Spring) &2016(Spring)
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Co-Supervised Undergraduate Student Theses

Doncaster, E. (2016). <i>Attention problems in young children: Feedback cue saliency.</i> Honors Thesis, University of Massachusetts Amherst	2015-2016
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Lattes, E. (2015). <i>Building is for boys: The effects of gender related stereotype threat on executive functioning in young girls.</i> Honors Thesis, Smith College	2014-2015
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Cuddy, J. (2014). <i>Neural correlates of emotion processing in 4-7 year olds with hyperactivity.</i> Honors Thesis, University of Massachusetts Amherst	2014
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Professional Development

Attended <i>Teaching at Teaching Intensive Institutions</i> (October 10) conference at UMass Boston	2016
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**SERVICE**

<i>Recruitment Committee</i> -Helping to plan and execute graduate student recruitment weekend	2014-2018
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<i>NSB Historian</i> - Documenting NSB graduate student events and milestones	2013-2018
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<i>Brain Awareness Week</i> - volunteer teaching in the surrounding high schools and middle schools; exposing students to neuroscience	2014-2017
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<i>Eureka!</i> – co-running workshop designed to engage 12-18-year-old girls in scientific research	2015-2017
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<i>Brain/Behavior Regulatory Organization (BRO) Treasurer</i> – Managing the funds for and creating events encouraging community between NSB and related fields	2014-2017
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<i>UMass NSB Bi-weekly Scientific Networking (BSN)</i> - organizing and running bi-weekly peer mentoring meetings for NSB graduate students	2013-2017
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**COMPUTER EXPERIENCE**

*SPSS, R/RStudio, Microsoft Excel* - Data Analysis

*Microsoft PowerPoint* - Research Presentation

*NeuroScan, and EPrime* - Programming, running, processing EEG/ERP experiments

*Experiment Builder and Eyelink* - Programming and running eye-tracking experiments

**References**

Dr. Lori Astheimer  
Department of Psychology  
University of Massachusetts  
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Dr. Laurel Smith-Doerr  
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