

CURRICULUM VITA

MADELYN H. RAY

Boston College
Psychology Department
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Education

Ph.D. in Psychology (Behavioral Neuroscience) Anticipated: May 2021
Boston College, Chestnut Hill, MA
Advisor: Dr. Michael McDannald

B.S. in the Department of Psychological Sciences May 2016
Kansas State University, Manhattan, KS
Advisor: Dr. Mary Cain
Cumulative GPA: 3.69
Psychology GPA: 3.80

Research

- **Manuscripts Published and In Preparation**

Ray, M.H., Hanlon, E. & McDannald, M. (2017). *Lateral orbitofrontal cortex regulation of aversive prediction errors and ethanol consumption*. In preparation for Neuropsychopharmacology.

Ray, M.H., & Pickens, C.L. (2017). *Orbitofrontal cortex lesions improve performance in a go/no-go reversal learning task*. In preparation.

Pickens, C., Fisher, H., Bright, N., Gallo, M., **Ray, M.H.**, Anji, A., & Kumari, M. (2016). *Prior alcohol consumption does not impair go/no-go discrimination learning, but causes over-responding on go-trials, in rats*. Behavioural Brain Research.

O'Dea, C.J., Miller, S.S., Andres, E., **Ray, M.H.**, Till, D.F., Saucier, D.A. (2014). *Out of bounds: Factors affecting the perceived offensiveness of racial slurs*. Language Sciences.

- **Talks and Oral Presentations**

Ray, M., (2016). *Belief in Pure Good: Predicting Students' Perceptions of Professor.* Talk given at the Kansas State University Department of Psychological Sciences Undergraduate Research Convocation.

Ray, M., (2016). *That Professor Is Evil!: Beliefs in Pure Evil and Beliefs in Pure Good as Predictors of Students' Perceptions of Professor.* Talk given at the Kansas State University Department of Psychological Sciences Brown Bag Seminar.

Ray, M., (2015). *Orbitofrontal Cortex Lesions Improve Reversal Learning in a Novel Task.* Talk given at the 2015 Kansas State University Department of Psychological Sciences Undergraduate Research Convocation.

Ray, M., (2014). *The Effects of Orbitofrontal Cortex Lesions on Reversal Learning in Rats.* Oral presentation for the Shanteau Fellowship Committee.

- **Poster Presentations**

Ray, M., Crabtree, M., & Pickens, C. (2016). *Orbitofrontal cortex lesions improve performance in a go/no-go reversal learning task.* Poster to be presented at the 2016 annual meeting of the Society for Neuroscience.

Aurand, L., **Ray, M.,** Harmon, C., Fisher, H., & Pickens, C. (2016). *Voluntary alcohol consumption can impair reversal learning in rats in a go/no-go task that allows for multiple responses/trial.* Poster to be presented at the 2016 annual meeting of the Society for Neuroscience.

Ray, M., Martens, A., & Saucier, D. (2016). *That Professor Is Evil!: Beliefs in Pure Evil and Beliefs in Pure Good as Predictors of Students' Perceptions of Professor.* Poster presented at the 2016 annual meeting of the Society for Personality and Social Psychology.

Geller, C., **Ray, M.,** Martens, A., Webster, R., & Saucier, D. (2016). *"Eye for an eye": Beliefs in pure good and pure evil as predictors of mercy, vengeance, and recommendations for punishment.* Poster presented at the 2016 annual meeting of the Society for Personality and Social Psychology.

Ray, M., Bright, N., Gallo, M., Jantsch, M., & Pickens, C. (2015). *Alcohol Consumption Causes Over-Responding on Reinforced Response Options in Rats.* Poster presented at the 2015 annual meeting of the Society for Neuroscience.

Gallo, M., Bright, N., Fisher, H., Greer, M., Pajser, A., **Ray, M.,** Wang, M., & Pickens, C. (2015). *Individual differences in voluntary alcohol consumption predict reversal learning performance in rats.* Poster presented at the 2015 annual meeting of the Society for Neuroscience.

- Pickens, C., Bright, N., Fisher, H., Greer, M., Pajser, A., **Ray, M.**, Wang, M., & Gallo, M. *Individual differences in voluntary alcohol consumption predict reversal learning performance in long-evans rats.* Poster presented at the 2015 annual meeting of the Research Society on Alcoholism.
- Ray, M.**, Martens, A., & Saucier, D. (2015). *"The Professor Is So Unfair!": Examining the Relationship Between the Beliefs in Pure Evil and Pure Good and Locus of Control.* . Poster presented at the 2015 Kansas State University Department of Psychological Sciences Undergraduate Research Convocation.
- Bright, N., **Ray, M.**, Gallo, M., Jantsch, M., & Pickens, C. (2015). *Alcohol Consumption Causes Over-Responding on Reinforced Response Options in Rats.* Poster presented at the 2015 Kansas State University Department of Psychological Sciences Undergraduate Research Convocation.
- Gallo, M., Bright, N., Fisher, H., Greer, M., Pajser, A., **Ray, M.**, Wang, M., & Pickens, C. *Individual differences in voluntary alcohol consumption predict fear incubation responses in rats.* Poster presented at the 2015 Kansas State University Department of Psychological Sciences Undergraduate Research Convocation.
- Andres, E., O'Dea, C., Miller, S., **Ray, M.**, Till, D., & Saucier, D. *Out of bounds: Factors affecting the perceived offensiveness of racial slurs.* Poster presented at the 2015 annual meeting of the Society for Personality and Social Psychology.
- Gallo, M., Bright, N., Fisher, H., Greer, M., Pajser, A., **Ray, M.**, Wang, M., & Pickens, C. *Individual differences in voluntary alcohol consumption predict fear incubation responses in rats.* Poster presented at the 2015 annual meeting of the Southwestern Psychological Association.
- Ray, M.**, Bright, N., Gallo, M., Mwebaza, N., Rodgers, B., Ruggle, K., & Pickens, C. (2014). *Withdrawal from chronic intermittent access to ethanol alters within-session patterns of responding, but does not impair reversal learning, in rats.* Poster presented at the 2014 annual meeting of the Society for Neuroscience.

Awards

E.J. Phares Prize for Outstanding Undergraduate Researcher Kansas State University Department of Psychological Sciences Awarded \$200	Spring 2016
John C. Peterson Undergraduate Scholarship Prize for Outstanding Graduating Senior Kansas State University Department of Psychological Sciences Awarded \$200	Spring 2016
Kansas State University Department of Psychological Sciences	Fall 2015

Undergraduate Student Travel Grant
Awarded \$500 for travel to the annual meeting of the Society for Neuroscience

Kansas State University Department of Arts and Sciences Student Fall 2015
Research Travel Award
Awarded \$800 for travel to the annual meeting of the Society for Neuroscience

Doreen Shanteau Undergraduate Research Fellowship 2014 - 2015
Project Title: *The Effects of Orbitofrontal Cortex Lesions on Reversal Learning Tasks*
Awarded \$500 to conduct psychological research in Behavioral Neuroscience

Kansas State University Department of Arts and Sciences Student Fall 2014
Research Travel Award
Awarded \$800 for travel to the annual meeting of the Society for Neuroscience

Kansas State University Purple and White Scholarship for Academic Excellence Awarded \$8000 yearly for academic expenses	2012 - 2016
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Teaching & Mentoring

Paid Instructor Position: University Experience – Psychology Lab Fall 2015
Kansas State University

Objective: Responsible for teaching study skills 3 times a week to “at risk” first semester college students; creating lesson plans; teaching how to apply study skills specifically to psychology; introducing new material in psychology; explaining concepts.

Undergraduate Panel for First-Year Seminar in Psychology (Psych 100) Fall 2015
Professor: Dr. Donald Saucier
Kansas State University
Objective: to inform first year psychology majors about opportunities within the department and to encourage them to become involved.

Recitation Instructor Fall 2014
 Course: General Psychology, Instructor: Dr. Stephen Kiefer
 Kansas State University
 Objective: Taught class once a week; created lesson plans; created quizzes; graded papers and assignments; presented lectures with demonstrations; led review sessions; met with students outside of class during office hours

Undergraduate Panel for First-Year Seminar in Psychology (Psych 100) Fall 2014
Professor: Dr. Donald Saucier
Kansas State University
Objective: to inform first year psychology majors about opportunities within the department and to encourage them to become involved.

Psychology Mentor and Tutor Kansas Beta chapter of Pi Beta Phi fraternity for women Kansas State University	2013 - 2016
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Affiliations

Society for Neuroscience	2015 – present
The Southwestern Psychological Association	2015 - 2016
Society for Personality and Social Psychology	2015 - 2016
The Honorary Society of Psi Chi	2014 - present
Kansas Beta Chapter of Pi Beta Phi	2012 - 2016

References

Dr. Michael McDannald: Graduate Advisor and Principal Investigator
Contact: mcdannal@bc.edu

Dr. Mary Cain: Undergraduate Academic Advisor
Contact: mecain@ksu.edu

Dr. Charles Pickens: Undergraduate Research Advisor and Principal Investigator
Contact: pickens@ksu.edu