# Jennifer K. Lenow

jenniferlenow@gmail.com | (901) 240-8476 | jenniferlenow.org

## Work Experience

### Graduate Researcher, New York University                    Fall 2013–Summer 2018

- Researched the role of emotion in learning and decision-making, which led to multiple peer-reviewed journal and conference presentations. This involved formulating novel scientific questions; designing experiments; programming behavioral tasks; collecting, managing, and cleaning data; performing quantitative data analysis to test hypotheses and explore data; and interpreting and reporting on results.
- Collaborated and consulted on other projects by providing support in developing experimental designs, programming tasks, and performing data analysis.
- Planned and facilitated workshops on, and mentored students one-on-one, in quantitative methods.

### Research Assistant, University of Arkansas for Medical Sciences        Fall 2011–Summer 2013

Conducted literature reviews; performed and scored clinical patient interviews; designed behavioral experiments; programmed computer-based tasks; collected and conducted statistical analyses on behavioral and brain imaging data; prepared presentations, manuscripts, and federal grant applications.

## Skills

**Programming/Computing:** R • MATLAB • JavaScript • Python • HTML/CSS • Stan • SQL • LaTeX
**Data Analysis:** Experimental design • A/B (hypothesis) testing • Hierarchical classification and regression models • Nonparametric statistics • Dimensionality reduction • Bayesian statistics • Computational modeling • Data visualization
**Communication:** Interpret and communicate results to a variety of different academic and non-academic audiences and stakeholders

## Education

### New York University, New York, New York                    September 2018
Ph.D. in Cognition and Perception
National Science Foundation Graduate Research Fellowship Award

### Hendrix College, Conway, Arkansas                    May 2012
B.A. in Psychology
*Magna Cum Laude*, Phi Beta Kappa

## Selected research projects

### Foraging under stress, New York University
- Used experimental design to causally test the role of stress in economic foraging decisions (Python).
- Performed optimal task analysis and fit customized hierarchical regression models to behavioral data (R).

### Anxiety and exploration, New York University
- Used questionnaires to measure anxiety and behavioral task to measure exploration (MATLAB).
- Combined and decomposed data from multiple experiments using dimensionality reduction techniques.
- Fit Bayesian hierarchical regression models to data (R, Stan).

### Explaining suboptimality in foraging decisions, New York University
- Coded experiment to explore relationship between different decision-making mechanisms on Amazon's Mechanical Turk (JavaScript, HTML).
- Managed and cleaned large database of noisy experimental data.
- Estimated Reinforcement Learning models and regression models (R).