Adam Morris

thatadammorris.com
thatadammorris@gmail.com | 908.642.1536 | 39 Gorham St., Somerville MA

EDUCATION

HARVARD UNIVERSITY
PhD in cognitive science
Sep. 2019 (exp.) | Cambridge, MA
GPA: 4.0

BROWN UNIVERSITY
BS in Psychology
May 2015 | Providence, RI
GPA: 4.0

COURSEWORK

GRADUATE
Bayesian computational modeling
Cognitive & social psychology
Statistics

UNDERGRADUATE
Machine learning
Neural modeling
Computational probability & statistics
Decision & game theory
Linear algebra
Ordinary differential equations

SKILLS

PROGRAMMING
MATLAB • R • Python • Javascript

COMPUTATIONAL MODELING
Model fitting • Model comparison • Reinforcement Learning framework • Bayesian framework

DATA SCIENCE
Simulation • Visualization • Analysis

HUMAN SKILLS
Trained in circling, focusing, authentic relating, and other mindfulness-based relational techniques

AWARDS

George Goethals Teaching Prize (2019)

Prize for Best Student Paper, Society for Philosophy and Psychology (2018)

Certificate of Teaching Distinction, Harvard Bok Center (2017)

National Defense Science & Engineering Graduate Fellowship (2017)

Harvard Presidential Scholarship (2015)

Magna Cum Laude, Phi Beta Kappa (2015)

RESEARCH EXPERIENCE

HARVARD UNIVERSITY | Doctoral Student
Sep 2015 - Present | Cambridge, MA

- Studied the algorithms underlying human decision making, with a focus on the role of habits in higher-level cognition.
- Led numerous successful research projects. Proposed new models of decision making, grounded in machine learning and evolutionary game theory; designed, programmed, and ran experiments to test these models; analyzed the resulting data; and wrote papers describing the results.
- Published results in top journals (including *Proceedings of the National Academy of Sciences*), and presented at the field's top conferences. Won several awards, including the National Defense Science & Engineering Graduate Fellowship.
- Mentored undergraduate research assistants, several of whom went on to pursue graduate study in cognitive science.

WORK EXPERIENCE

SOPHOMORE TUTORIAL | Teaching Fellow (TF)
January - May 2019 | Cambridge, MA
Created a class from scratch for Harvard College sophomores. Taught the theoretical and practical foundations of cognitive science. Received a George W. Goethals teaching prize.

ABNORMAL PSYCHOLOGY COURSE | TF
Sep - Dec 2017 | Cambridge, MA
Led a mandatory weekly section to augment class material. Created all lesson plans from scratch. Received a Certificate of Distinction from the Harvard Bok Center for Teaching and Learning.

COMPUTATIONAL SOCIAL SCIENCE BOOTCAMP | Head TF
June 2017 | Cambridge, MA
Ran the hands-on component for a summer bootcamp in computational modeling. Designed tutorials to teach graduate students to use machine learning algorithms as models of human behavior (see github.com/adammmorris/rl-tutorial and github.com/adammmorris/bayes-tutorial). Guided students through designing and implementing their own models.

SELECT PUBLICATIONS

1. Cushman, F., & Morris, A. (2015). Habitual control of goal selection in humans. *Proceedings of the National Academy of Sciences*.
2. Morris, A., MacGlashan, J., Littman, M. L., & Cushman, F. (2017). Evolution of flexibility and rigidity in retaliatory punishment. *Proceedings of the National Academy of Sciences*.
3. Morris, A., & Cushman, F. (2018). A common framework for theories of norm compliance. *Social Philosophy and Policy*.
4. Morris, A., Phillips, J., Icard, T., Knobe, J., Gerstenberg, T., & Cushman, F. (under review). Causal judgments approximate the effectiveness of future interventions. *psyarxiv.com/nq53z*
5. Morris, A., & Cushman, F. (under review). Model-free RL or action sequences? *psyarxiv.com/k67tm*
6. Morris, A., Phillips, J., Cushman, F. (in prep). Habit-guided consideration sets: How past choices influence what comes to mind.