William J. Hopper   *Curriculum Vitae*

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University of Massachusetts, Amherst
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EDUCATION

Ph.D. Psychology, 2018 (expected)   University of Massachusetts**,** Amherst, MA
Advisor: Dr. David Huber
Thesis: Testing the convergent retrieval learning theory of testing effects

M.S. Psychology, 2015   University of Massachusetts: Amherst, MA
Advisor: Dr. David Huber
Thesis: The primary and convergent retrieval model of memory

B.S. Psychology, 2011   University of California, San Diego
Departmental Honors

RESEARCH TOPICS

Episodic memory, perception, computational cognitive modeling

PUBLICATIONS

Peer-Reviewed Journal Articles

Hopper, W. J., & Huber, D. E. (in press). Learning to recall: Examining recall latencies to test an intra-item learning theory of testing effects. *Journal of Memory and Language*

Hopper, W. J., Finklea, K. M., Winkielman, P., & Huber, D. E. (2014). Measuring sexual dimorphism with a race-gender face space. *Journal of Experimental Psychology: Human Perception and Performance*, 40(5), 1779-1788.

Peer-Reviewed Conference Proceedings

Hopper, W. J., & Huber, D. E. (2016). The Primary and Convergent Retrieval Model of Recall. In Papafragou, A., Grodner, D., Mirman, D., & Trueswell, J.C. (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society*. (pp. 1235-1240) Austin, TX: Cognitive Science Society.

Book Chapters

Huber, D. E., Tomlinson, T. D., Jang, Y., & **Hopper, W. J.** (2015). The search of associative memory with recovery interference (SAM-RI) memory model and its application to retrieval practice paradigms. In *Cognitive Modeling in Perception and Memory: A Festschrift for Richard M. Shiffrin*. Psychology Press, Chp. 5.

PRESENTATIONS

Conference Presentations

Hopper, W. J., & Huber, D. E. (2018). Guided convergent retrieval practice enhances feature-cued object recall. *Context and Episodic Memory Symposium*, Philadelphia, Pennsylvania.

Hopper, W. J., & Huber, D. E. (2016). The primary and convergent retrieval model of recall. *Context and Episodic Memory Symposium*, Philadelphia, Pennsylvania.

Conference Poster Presentations

Hopper, W. J. & Huber, D. E. (2016). The primary and convergent retrieval model of recall. *38th Annual Conference of the Cognitive Science Society.*

Hopper, W. J. & Huber, D. E. (2016). The primary and convergent retrieval model of recall. *57th Annual meeting of the Psychonomic Society*, Boston, Massachusetts.

Hopper, W. J., & Huber, D. E. (2015). The Short-term Cost of Retrieval Failure. *Context and Episodic Memory Symposium*, Philadelphia, PA.

Hopper, W. J., & Huber, D. E. (2014). A Recovery Learning Account of the Testing Effect. *Context and Episodic Memory Symposium*, Philadelphia, PA.

Hopper, W. J., Finklea, K. M., Winkielman, P., & Huber, D. E. (2013). A Race and Gender Face Space. *54th annual meeting of the Psychonomic Society*, Toronto, ON, Canada.

Hopper, W. J., Finklea, K. M., Winkielman, P., & Huber, D. E. (2013). Decorrelating face attributes: A race-gender face space. *University of Massachusetts Life Sciences Graduate Conference.*

TEACHING

Undergraduate Teaching
                    University of Massachusetts, Amherst

Developing Behavioral Experiments: Instructor (Summer 2018)

Statistics in Psychology: Lab Instructor (Spring 2014, Fall 2014, Spring 2015)

Methods of Inquiry in Psychology: Lab Instructor (Fall 2013)

Learning and Thinking: Teaching Assistant (Spring 2016 – Fall 2018)

Advanced Statistics and Research Methods: Teaching Assistant (Spring 2011)

Graduate Teaching

University of Massachusetts, Amherst

Statistical Inference in Psychology: Lab Instructor (Fall 2015 – Spring 2018)

Bayesian Data Analysis: Teaching Assistant (Fall 2015)

FUNDING & AWARDS

15th Neural Computation and Psychology Workshop Estes' Fund Travel Award
$250

Continuing and Professional Education Course Development Grant
$5,000

OUTREACH & COMMUNITY ACTIVITY

Graduate Women in Science "Soundbytes Café" presentation at Amherst Regional Middle School

Founder & President of the Psychological and Brain Sciences Developers Club

TECHNICAL SKILLS

Programming Languages

Skilled: R, MATLAB
Experienced: Python, SQL
Familiar: Bash, Javascript, Stan, JAGS

Experiment Toolkits

Psychtoolbox, Expyriment

Version Control

Git, GitHub

REFERENCES

David E. Huber – Professor, Psychological and Brain Sciences
University of Massachusetts, Amherst
Email: dehuber@umass.edu

Rosemary A. Cowell - Assistant Professor, Department of Psychological and Brain Sciences
University of Massachusetts, Amherst
Email: rcowell@umass.edu

Andrew L. Cohen– Associate Professor, Psychological and Brain Sciences
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