

Rebecca R. Goldstein, M.S.

Education

Louisiana State University (August 2011 – expected August 2016) – Baton Rouge, LA
Doctorate of Philosophy in Cognitive & Brain Sciences
Dissertation: Exploring the Relationship Between Long-term Memory and Attention
through Attentional Templates
Advisor: Melissa R. Beck, PhD

Villanova University (August 2006 – December 2008) – Villanova, PA
Master of Science in Experimental Psychology
Thesis: The Effect of Stimulus Novelty on Saccade Trajectories
Advisor: Charles L. Folk, PhD

Washington College (August 2002 – May 2006) – Chestertown, MD
Graduated magna cum laude and Departmental Honors
Bachelor of Arts in Psychology
Senior Thesis: Reassurance-Seeking in Depressed Individuals and Perceived Rejection
Advisor: James Siemen, PhD

Research Activity

Publications

Goldstein R. R. & Beck, M. R. (online March 21, 2016). Inattention blindness: A combination of a relational set and feature inhibition set? *Attention, Perception, & Psychophysics*. doi: 10.3758/s13414-016-1091-x

Curby, K. M., **Goldstein, R. R.**, & Blacker, K. (2013). Disrupting perceptual grouping of face parts impairs holistic face processing. *Attention, Perception, & Psychophysics*, 75, 83-91. doi: 10.3758/s13414-012-0386-9

Manuscripts in Progress

Goldstein, R. R. & Beck, M. R. (in prep). When associations guide attention: incidental learning and conjunctions

Beck, M. R., **Goldstein, R. R.**, van Lamsweerde, A., & Ericson, J. M. (in prep). Reward guides incidental learning of optimal visual attention strategies.

Proceedings

Beck, M. R., Trenchard, M., van Lamsweerde, A., **Goldstein, R. R.**, & Lohrenz, M. (2012). Searching in clutter: Visual attention strategies of expert pilots. 2012 Human Factors Ergonomics Annual Meeting. Boston, MA: HFES, 1411-1415.

Conference Presentations

- Goldstein, R. R.**, Delaune III, W. J., & Beck, M. R. (2016). Can visual working memory capture result in long-term memory representations of irrelevant features? Poster to be presented at the Vision Science Society annual meeting, St. Pete Beach, FL
- Brown, N., Beck, M., **Goldstein, R.**, Barre, B., & Loup, E. (2016). The costs of visualizing uncertainty in maps. Talk to be presented at the Southeastern Psychological Association annual meeting, New Orleans, LA
- Goldstein, R. R.** & Beck, M. R. (May 2015). It's all relative: Attentional set for target distractor relations in inattention blindness. Poster to be presented at the Vision Science Society annual meeting, St. Pete Beach, FL
- Beck, M. R., **Goldstein, R. R.**, & Moen, K. C. (2015). Evidence for bounce scene gist representations: Statistical summary representations across multiple dimensions. Poster to be presented at the Vision Science Society annual meeting, St. Pete Beach, FL
- Beck, M.R., van Lamsweerde, A.E., **Goldstein, R. R.**, & Ericson, J. M. (April 2015). Reward guides incidental learning of optimal visual attention strategies. Talk to be presented at 2015 meeting of the Southern Society for Philosophy and Psychology, New Orleans, LA
- Goldstein, R. R.** & Beck, M. R. (November 2014). When associations guide attention: Features or objects? Poster presented at the Psychonomic Society 55th Annual Meeting, Long Beach, CA
- Ericson, J. M., **Goldstein, R. R.**, & Beck, M. R. (May 2014). My attention is over there: A serial component for multiple object tracking. Poster presented at the Vision Science Society annual meeting, St. Pete Beach, FL
- Beck, M. R., van Lamsweerde, A. E., **Goldstein, R. R.**, & Ericson, J. M. (May 2014). The change probability effect for high and low spatial frequency items accompanied by a shift in the allocation of attention during encoding. Poster presented at the Vision Science Society annual meeting, St. Pete Beach, FL
- Goldstein, R. R.** & Beck, M. R. (November 2013). Can ensemble statistics in the periphery be used to guide search? Poster presented at The Psychonomic Society 54th Annual Meeting, Toronto
- Goldstein, R. R.**, & Beck, M. R. (May 2013). The effect of distractor presentation frequency on saccade reaction time and curvature. Poster presented at the Vision Science Society annual meeting, Naples FL
- Ericson, J. M., **Goldstein, R. R.**, & Beck, M. R. (May 2013). Capture and tracking: Where does attention go? Poster presented at the Vision Science Society annual meeting, Naples, FL
- Beck, M. R., Trenchard, M., van Lamsweerde, A., **Goldstein, R. R.**, & Lohrenz, M. (October 2012). Searching in clutter: Visual attention strategies of expert pilots. Talk presented at Human Factors Ergonomics Annual Meeting. Boston, MA

Curby, K. M., **Goldstein, R. R.**, & Blacker, K. J. (November 2011). Face perception in context: Grouping cues modulate holistic face perception. Talk presented at The Psychonomic Society 52nd Annual Meeting, Seattle, WA

Knight, J., **Goldstein, R.**, & Kolarki, E. (March 2005). The Effects of anxiety and headache on over the counter analgesic use. Poster presented at the Eastern Psychological Association annual meeting, Boston, MA

Research Experience

Lab Coordinator

EEG Neuroscience Lab (August 2014 – present) – Baton Rouge, LA

Supervisor: Dr. Melissa R. Beck

Aided in set-up and organization of new facility and managed day to day operations

Research Assistant

Beck Visual Cognition Research Lab (June 2015 – December 2015) – Baton Rouge, LA

Supervisor: Dr. Melissa R. Beck

Funded by: Transportation Board, University of Maryland

Title: Minimizing driver errors: Detecting targets in familiar environments and unlikely Locations

Research Assistant

Beck Visual Cognition Research Lab (August 2011 – May 2014) – Baton Rouge, LA

Supervisor: Dr. Melissa R. Beck

Funded by: NRL Board Agency Announcement: Mapping, Charting, and Geodesy

Title: Minimizing adverse effects of visual clutter and optimizing visual search strategies

Research Assistant

Object Perception and Learning Lab (August 2010 – July 2011) – Philadelphia, PA

Supervisor: Dr. Kim M. Curby

Temple University

Teaching Experience

Teaching Assistant

Decision Making (January 2016 – May 2016) – Baton Rouge, LA

Supervisor: Dr. Greg Gormanous

Instructor – Online Course

Adolescent Psychology (May 2014 – present) – Baton Rouge, LA

Independent and Distance Learning Department

Lab Instructor

Research Methods (January 2015 – May 2015) – Baton Rouge, LA

Supervisor: Dr. Jason Hicks

Lab Instructor

Research Methods (August 2014 – December 2014) – Baton Rouge, LA

Supervisor: Dr. Melissa R. Beck

Professional Experience

Peer Reviewer

Association for Psychological Science Graduate Grant (December 2015)

Mini-ERP Boot Camp presented by Dr. Steven Luck (August 2015) – Baton Rouge, LA

Peer Reviewer

Concept – Villanova Graduate Journal (February 2007 – April 2007) – Villanova, PA

Intern

Kent County Behavioral Health (August 2005 – December 2005) – Chestertown, MD
Supervisor: Inez Thompson, RN, M.A.

Student Assistant

Maintained Endnote Library (February 2004 – October 2004) – Chestertown, MD
Supervisor: Dr. Katherine A. Cameron

Skills

Proficient in SR Research: EyeLink II, EyeLink 1000, EyeLink 1000 Plus, Experiment Builder, Data Viewer; BioSemi EEG, Matlab, Python, SPSS

Experience with EEG Lab and ERP Lab, E-prime, Superlab, Photoshop, Illustrator, Realtime technologies, inc On-Road Simulator, SimVista Scene, SimObserver

Memberships

Graduate Student Member, Vision Sciences Society, 2012 - present

Student Member, Association for Psychological Science 2015 - present

Student Member, Human Factors Ergonomics Society, 2012 - present

Member, Psi Chi (The National Honor Society in Psychology), 2005 – present
Villanova University Chapter Secretary May 2007 to May 2008

Graduate Student Member, American Psychological Association, 2012 - 2015

Student Member, Eastern Psychological Association, 2004-2005