

ALICE MERRICK

UX RESEARCH + DESIGN

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EXPERIENCE

Department of Psychology, University of California, Los Angeles

Research Assistant 2012 – 2014

(Principal Investigator: Derek Powell, Ph.D candidate)

Updated previous experiments testing predictions of the sparse-and-strong priors model according to participant behaviors. Ran subjects and collected data on experiments investigating analogous competition for strength judgments of multiple generative causes and preventive causes

Research Assistant 2010 – 2012

(Principal Investigators: Dr. Keith Holyoak and Dr. Hongjing Lu)

Assisted in designing an experiment evaluating heuristics humans use to make causal inferences. Programmed experiment using psychtoolbox in Matlab. Collected participant data on task difficulty and clarity of instructions. Ran subjects and trained a second researcher to assist in running subjects. Analyzed and compared human data with model predictions

UCLAradio, UCLA

Radio DJ 2009 – 2010

Hosted radio show and co-hosted two others. Trained new interns in answering phones on and off air, operating sound software and equipment, using station's social media applications, and in general station protocol

Website Manager 2010

Maintained and updated radio station's website using WordPress platform by adding new users, creating necessary pages, introducing user profiles, and organizing blog posts

Brentwood Science Magnet, Brentwood, CA

Teaching Intern for UCLA California Teach 2008

Studied pedagogical strategies for teaching elementary mathematics and assisted in teaching at Brentwood Science Magnet. Administered and graded exams, tutored struggling students, and taught basic computer and word processing skills. Developed and performed a lesson plan

PUBLICATIONS

Powell, D., Merrick, M.A., Lu, H., & Holyoak, K.J. (2014). Generic Priors Yield Competition Between Independently-Occurring Preventive Causes. In B. Bello, M. Guarini, M. McShane, & B. Scassellati (Eds.), Proceedings of the 36th Annual Conference of the Cognitive Science Society (pp. 2793–2798). Austin, TX: Cognitive Science Society.

Powell, D., Merrick, M.A., Lu, H., & Holyoak, K.J. (2013). Generic Priors Yield Competition Between Independently-Occurring Causes. In M. Knauf, M. Pauven, N. Sebanz, & I. Wachsmuth (Eds.), Proceedings of the 35th Annual Conference of the Cognitive Science Society (pp. 1157–1162). Austin, TX: Cognitive Science Society.

EDUCATION

University of Washington 2017
Masters of Human-Computer Interaction and Design (MHCI+D)

University of California, Los Angeles 2012
Cognitive Science, B.S.
Minors in Mathematics and Linguistics
Specialization in Computing

AWARDS

Psychology Research Opportunity Program
Scholar, UCLA, 2010

National Science and Mathematics Access to
Retain Talent (SMART) Grant, 2010

Robert C. Byrd Honors Scholarship, 2007 – 2011

SKILLS

Wireframing, Flow Diagraming, Information Visualization, Rapid Prototyping, Visual Design

PROGRAMMING LANGUAGES

Academic experience with C++, Java, and Matlab. Experience with scientific applications of OCaml and LISP. Basic web design including HTML 5, CSS, JavaScript, and PHP. Markup and meta markup languages including LATEX and XML-based languages

TOOLS

Tableau, Adobe InDesign, Illustrator, Photoshop, Sketch, InVision, Axure RP, Balsamiq, Marvel/POP