

SUMMARY

Dual degree candidate (Master of Science in Human Factors and MBA) complemented by experience in cognitive neuroscience research. Specific expertise in experimental design, human subjects research, and statistical analysis. Seeking a position in user-experience research and design. Additional strengths include:

- Demonstrated leadership ability, organizing and overseeing multiple research projects simultaneously.
- Simple and effective communication of data, ideas and problems to colleagues and outsiders.

EDUCATION

Bentley University – McCallum Graduate School of Business, Waltham, MA 2011

Master of Science in Human Factors in Information Design, candidate

Master of Business Administration, candidate

- GMAT score: **730**; GPA: **3.97**

Washington University in St. Louis, St. Louis, MO 2007

Bachelor of Arts

Major: Philosophy-Neuroscience-Psychology; Minor: French

- Cumulative GPA: **3.87**; Honors: Phi Beta Kappa, Dean’s List, College Honors
- Activities: Student Union Budget Committee; Student Admissions Committee

PROJECT EXPERIENCE:

University affiliated hospital, Boston, MA 2009-2010

Business Process Course Team Project

- Analyzed process of preparing facilities/patients for cardiac surgery using data from observation, interviews and an online survey.
- Presented recommendations to management for changes to improve the percentage of on time surgeries.

EXPERIENCE

Design and Usability Center, Bentley University, Waltham, MA Summer 2010

Consulting firm specializing in human factors research, design, and testing.

Departmental Assistant Intern

- Worked with senior staff to conduct website usability tests and heuristic reviews.
- Used eye-tracking software to gather quantitative data to complement other findings.
- Presented findings and final recommendations to clients.

Neurocognition Lab, Tufts University, Somerville, MA 2007-2010

Research lab investigating the neural correlates of natural language processing.

Research Technologist

- Led healthy adults and schizophrenia patients through behavioral and electrophysiological experiments.
- Analyzed data for significant effects using SPSS statistical analysis software.
- Prepared results of experiments for presentation at conferences (PowerPoint slide shows, posters) and in scholarly journals (written manuscripts, figures.)
- Trained and managed undergraduate assistants.
- Assisted in the preparation of several grant applications, including a large proposal submitted to NIH.

Cognitive Development Lab, Washington University in St. Louis, St. Louis, MO 2006-2007

Research lab investigating changes in executive function during the aging process.

Research Assistant

- Led research participants through computer-based and face-to-face experimental tasks.
- Analyzed data using E-Prime, psychology experiment software.

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PUBLICATIONS AND PRESENTATIONS

De Grauwe S, **Swain A**, Holcomb PJ, Ditman T, Kuperberg GR. Electrophysiological insights into the processing of nominal metaphors. *Neuropsychologia*, 2010.

Kuperberg GR, Kreher DA, **Swain A**, Goff DC, Holt DJ. Selective emotional processing deficits to social vignettes in schizophrenia: an ERP study. *Schizophrenia Bulletin*, 2009.