

Elizabeth Bartmess

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Skills and Knowledge Areas

- **User-centered design:** Design for user needs, capabilities, and interests, throughout product/process lifecycle.
- **Interface/interaction design:** Wireframes, prototypes, mockups, style guides, information architecture.
- **Usability testing:** Heuristic analyses, comparative evaluations, surveys, formal usability tests, and experiments.
- **Technologies:** HTML/CSS, Javascript, Adobe Fireworks, Wordpress, statistical software.

Work Experience

Research Study Coordinator with Dr. Wolf Mehling, University of California – San Francisco (Jun 2010 – Present)

Project Management // Data Management

- Program Computer-Assisted Personal Interviews in QDS; implement online version in SurveyGizmo.
- Screen, interview, and hire volunteer applicants; coordinate volunteer paperwork; supervise volunteers.
- Manage mass mailings; track participants; manage data.

Contractor/Researcher to Prof. Larissa Duncan, University of California – San Francisco (Apr 2010 – Sep 2010)

Research Design and Planning // Online Information Search and Analysis

- Planned and conducted project developing knowledge base of organizations offering Mindful Parenting and Reflective Parenting training, to support practice-based research, funding, and advocacy efforts.
- Created and maintained custom Access database for information on organizations.
- Analyzed data; co-authored report and presentation.

Education and Interpretation Planner for Bureau of Land Management, Colorado (Jul 2009 – Dec 2009)

Strategic Planning // Print Design

- Developed long-term strategic education/interpretation plan for museum and National Monument.
- Consulted on hiking trail pamphlet redesigns to increase visitor safety and facilitate trip planning.

Logistics Management Specialist at U.S. Army Logistics Innovation Agency, Pennsylvania (Jul 2008 – Dec 2009)

Business Process Analysis // Style Guide Development

- Evaluated Project Leads' collaboration and knowledge-sharing needs through Contextual Inquiry.
- Evaluated functionality and usability of existing technology support for Project Leads.
- Recommended process and technology changes to Board of Directors and Project Leads.
- Wrote interface/interaction style guide for dashboard-software project.

User Interface Design Engineer Intern at Jewelry Television, Tennessee (May 2007 – August 2007)

Style Guide Development // Interface/Interaction Design

- Redesigned information architecture of interface/interaction style guide for company internal-use software.
- Implemented new design, updated content, and checked existing software for consistency with style guide.
- Initiated and helped develop recommendations for improved team-client relations and communication.
- Assisted with internal customer interviews and follow-on design workshop with software developers.

Education

University of Michigan, School of Information, Ann Arbor, Michigan

- Master of Science in Psychology (2006) with Certificate in Culture and Cognition (2007)
- Master of Science of Information, Specialization in Human-Computer Interaction (2008)

Relevant project: Usability-testing for University of Michigan and CADCorporation:

- Worked in four-member team to usability-test virtual tour software for recruiting prospective freshmen. Evaluated its functionality, usability, and effectiveness in meeting University goals.
- Co-presented findings and recommendations to the University's president.

Rice University, Houston, Texas

- Bachelor of Arts in Psychology, Summa cum Laude (2001)