

Curriculum Vitae

ALICE ALBRECHT

Work Address:

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EDUCATION:

University of San Francisco, San Francisco, CA
B.A., Psychology, May 2006
Areas of Concentration: Neurological and Biological Psychology
GPA: 4.0, Summa Cum Laude

ADDITIONAL EDUCATIONAL EXPERIENCE:

August 6 - August 15 (UC Davis) **ERP Boot Camp**, Steve Luck.

Spring 2007 (U.C. Berkeley) **Graduate Proseminar on Sensation and Perception**,
Stephen Palmer.

BROAD RESEARCH INTERESTS:

- Spatial and object-based visual attention
- Scene perception
- Cognitive neuroscience of visual awareness

RELATED EXPERIENCE:

Cognitive Neuropsychology Laboratory, Professor Lynn Robertson's, UC Berkeley, CA
Lab Manager August 2006-Present

- Carry out research involving various aspects of visual attention, utilizing multiple techniques, including transcranial magnetic stimulation (TMS) and stereographic techniques to render three-dimensional visual images.
- Test neurological patients with varying types and degrees of neglect and extinction.
- Reading and defining anatomical regions of interest in MRI and CT scans of neurological patients for ongoing voxel-based lesion-symptom mapping (VLSM) project.
- Renew and amend existing research protocols/consent forms for various projects going on in the lab.

- Responsible for networking, web management and other maintenance of lab computers and electronics.

Research Assistant

Summer 2006

- Assisted lab manager in daily maintenance of the lab by coordinating projects, organizing neurological patient records and assisting graduate students with their studies.
- Scheduled and ran participants in a study focusing on spatial representations and attention.
- Helped administer transcranial magnetic stimulation using Brainsite Frameless system for stereotaxic localization.
- Assisted with analyses of functional MRI data utilizing SPM software.

Twin, Adoptees, Peers, and Siblings (TAPS) Study, San Francisco, CA

Research Assistant

2004-2006

- Double-scored numerous tests, including the WISC-R, and prisoners' dilemma.
- Worked in a concentrated group of four to create a new coding system for a videotaped task designed specifically for the study.
- Prepared home interviews for twin, adoptee, sibling, and best friend dyads ages 8-12 in order to gain a better understanding of the impact of these relationships on social and cognitive development.
- Conducted weekly phone interviews with children to collect data about activities and experiences.

University of San Francisco, San Francisco, CA

Teaching Assistant

2005

- Led organized study groups of 15 students for an upper division child development course.
- Graded exams and assignments. Maintained database of grades.

PUBLICATIONS:

- Alice Albrecht, Alexandra List, and Lynn Robertson (in press). Attentional Selection and the Representation of Holes and Objects.
- Alice Albrecht (2006). The effects of type of comparative term and learning development on spatial and non-spatial comprehension. *Writing for a Real World*, 200-208. Published by University of San Francisco, Program in Rhetoric and Composition.

TALKS:

- Alice Albrecht, Alexandra List, and Lynn Robertson (2007). Object-based attention to holes and wholes. 2007 CSAIL (Cognitive Science Association for Interdisciplinary Learning), Hood River, OR.

POSTER PRESENTATIONS:

- Alice Albrecht, Alexandra List, and Lynn Robertson (2008). Differences in object-based attention in the foreground and background. 2008 Vision Sciences Society, Naples, FL.
- Alice Albrecht, Alexandra List, and Lynn Robertson (2007). Object-based attention to holes and wholes. 2007 Vision Sciences Society, Sarasota, FL.

- Alice Albrecht, Alexandra List, and Lynn Robertson (2007). Object based attention to holes and wholes. 2007 Berkeley-Stanford Annual Talks, Palo Alto, CA.
- Alice Albrecht and Shirley McGuire, PhD. (2005). Peer exposure to delinquency: Examining links with parent and peer relationships. Stanford Undergraduate Research Conference, Palo Alto, CA.

AFFILIATIONS AND HONORS:

- Alpha Sigma Nu (Jesuit Honors Society), USF 2005
- Psi Chi Psychological Honors Association, USF 2005
- Davies Scholar 2005
- Recipient of Father Flynn Award 2006
Annual award for the senior who had maintained the highest average for scholarship throughout the entire undergraduate curriculum.
- Dean's List Honor Roll 2003-2006
- Writing for a Real World 2006
Annual journal of undergraduate authors at the University of San Francisco

NEUROSCIENCE SKILLS:

- Transcranial Magnetic Stimulation (TMS)
- Reading MRI and CT scans and drawing regions of interest (ROIs)
- Patient testing
- Matlab, Psychophysics Toolbox, SPSS, Presentation

OTHER SKILLS:

- Conversational German
- Webpage design
- Computer networking
- Computer systems management (IT)