

Francesca Fortenbaugh
fortenbaugh@berkeley.edu

Education

- University of California, Berkeley 2006- present
Psychology
- University of San Francisco 1999-2004
B.S. Mathematics and Psychology (Summa Cum Laude)

Awards

- Recipient of the Dean's Medal for Excellence in the Sciences 2004
- Recipient of the Father Flynn Award 2004
Annual award for the senior who had maintained the highest average for scholarship throughout the entire undergraduate curriculum.
- Who's Who Among Students in American Universities and Colleges Award 2004
- Recipient of the Ruth Aubrey Prize 2004
Annual award for the Honors Program in the Humanities
- Recipient of the Batey Prize 2004
Annual award for the Mathematics Department
- Recipient of the Father Minnigerode Award 2004
Annual award for the Psychology Department
- Nominated for Valedictorian of the School of Arts and Sciences 2004
- Davies Scholar 2003

Relevant Experience & Accomplishments

Leadership & Organization

- Member of Psi Chi 2001-2004
President of USF chapter 2003-2004
Treasurer 2001-2003
- Member of Alpha Sigma Nu 2002-2004
- Co-Founder and coordinator of Cogito 2001-2004
Responsibilities for this student-run think tank included arranging and leading meetings, overseeing all projects, and maintaining contact with administration and faculty on campus.

Leadership & Organization (cont.)

- Member of USF Putnam Team 2003

- Certified Advanced Tutor 2003
Certification awarded by the College Reading and Learning Association

- Student Coordinator of the Bay Area Math Meet 2002-2003

Research & Internship Experience

- Intern at Youth Guidance Center Spring 2004
Interned for a San Francisco probation officer at the YGC working with juvenile sexual offenders.

- Senior Honors Thesis Fall 2003
Investigated methods used to study consciousness and created a partial-replication of a study on the Mere Exposure Effect.

Employment History

- 7/2004-6/2006 Assistant Research Program Coordinator Johns Hopkins Univ.
Worked for Dr. Kathleen Turano at Lions Vision Center, Wilmer Eye Institute.

- Spring 2004 Tutor at the Learning and Writing Center USF
Tutored USF undergraduates in mathematics, psychology, astronomy, and physics

- Spring 2004 T.A. Calculus II USF

- 2003-2004 T.A. Psychological Research Methods USF

- Fall 2003 Private Tutor in mathematics USF

- Fall 2001-Fall 2003 Supplemental Instructor for Astronomy USF

- Spring 2003 Tutor at the Learning and Writing Center USF

- Fall 2002 T.A. Calculus III USF

- Spring 2001 T.A. Brain and Behavior USF

Conference Presentations

- Francesca Fortenbaugh, John Hicks, Lei Hao, and Kathleen Turano (May 2006).
“Peripheral Field Loss and the Perception of Visual Space: Evidence of Compression and Adaptation”. Presented at the Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA.

- Francesca Fortenbaugh, John Hicks, Lei Hao, and Kathleen Turano (February 2006).
“Losing Sight of the Bigger Picture: Peripheral Field Loss and the Compression of Visual Space”. Presented at the Wilmer Research Meeting, Baltimore, Maryland.

- Francesca Fortenbaugh, John Hicks, Lei Hao, and Kathleen Turano (April 2005). “Cognitive maps and navigational ability: Behavioral evidence for a connection”. Presented at the Wilmer Research Meeting, Baltimore, Maryland.
- Francesca Fortenbaugh, John Hicks, Lei Hao, and Kathleen Turano (May 2005). “An Internal GPS: The Role of Spatial Representations in Human Navigational Ability”. Presented at the 9th International Conference for Cognitive and Neural Systems, Boston, Massachusetts.

Publications

- Fortenbaugh, F. C., Hicks, J. C., Hao, L., & Turano, K. A. (2006). High-speed navigators: Using more than what meets the eye. *Journal of Vision*, 6(5), 565-579.
- Fortenbaugh, F. C., Hicks, J. C., Hao, L., & Turano, K. A. (in press). A new technique for simulating peripheral field losses to study human navigation. *Behavior, Research Methods, Instruments, and Computers*.
- Fortenbaugh, F. C., Chaudhury, S., Hicks, J. C., Hao, L., & Turano, K. A. (accepted). Gender differences in cue preference during path integration in virtual environments. *ACM: Transactions in Applied Perception*.
- Fortenbaugh, F. C., Hicks, J. C., Hao, L., & Turano, K. A. (submitted). Losing Sight of the Bigger Picture: Peripheral Field Loss Compresses Representations of Space. *Vision Research*.

Publication in Preparation

- Fortenbaugh, F. C., Hicks, J. C., Hao, L., & Turano, K. A. (in preparation). The Affect of Peripheral Field Loss on Representations of Space: Evidence for Distortion and Adaptation.