

# SCOTT H. FRAUNDORF

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## PROFILE

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Psychological researcher with extensive knowledge of testing and predicting usability and performance. Enthusiastic team member with experience developing creative research methods and communicating scientific concepts to diverse audiences.

## EDUCATION

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**Ph.D. in Psychology** ♦ University of Illinois ♦ expected 2012

- Focus in cognitive and quantitative psychology
- National Science Foundation Graduate Research Fellowship (1 of 3,000 fellowships awarded to graduate students nationwide)

**B.A. in Psychology** ♦ University of Oregon ♦ 2006, *summa cum laude*

## EXPERIENCE

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**Research Fellow** ♦ University of Illinois ♦ 2006-present

- Designed and implemented behavioral experiments and surveys. Resulted in 5 peer-reviewed articles to date and 15 professional conference presentations.
- Constructed statistical models to predict human memory and decision making. Allow prediction of students' test-taking behavior and learning from text.
- Trained and supervise 20 assistants in data collection and coding. Resulted in successful data collection from 1,300 participants in 30 experiments.
- Consulted on multilevel statistical analysis for 15 researchers

**Instructor of Record** ♦ University of Illinois ♦ 2008-2009

- Explained scientific concepts to 200 students in introductory psychology. Achieved top 10% of student evaluations on campus.
- Developed lecture and quiz materials selected for use by over 20 instructors.
- Led team of 10 to create online teaching Wiki for sharing course material and teaching tips. Facilitated 115 instructors to share 1,050 items.

**Research Consultant** ♦ University of Oregon ♦ 2008

- Programmed MATLAB software to assist with data collection and aggregation. Replaced hand coding of infant looking behavior with automated procedure.

## TECHNICAL SKILLS

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**Data Acquisition:** Eye-tracking, EEG, behavioral methods, speech acoustics

**Programming:** MATLAB, Python

**Data Analysis:** SPSS, R, Microsoft Access, Praat

**Web:** HTML, CSS, Wiki, Amazon Mechanical Turk