

**Research Assistant Wanted.**  
**Human Information-Processing Research Laboratory,**  
**Department of Psychology, University of Pennsylvania, Philadelphia**

**The Position**

A full-time research assistantship supervised by Saul Sternberg.

**Qualifications:**

**Essential:** BA or BS degree with major in psychology, another natural science, computer science, or mathematics. Excellent programming skill; knowledge of C++, and of Unix or Linux. Computer applications experience. Laboratory experience. Supervisory and organizational ability. Fluent english.

**Desirable:** Psychological research experience. Experience with digital and analog hardware. Knowledge of statistical methods and of mathematics.

**The Research:**

Current research topics include (1) how visual information is encoded, transformed, and retrieved within the first two or three seconds after it is displayed, and (2) Interaction of brain and biomechanics in the control of timed actions (as in music performance). Most experiments are run by PCs with analog and digital interfaces for presentation of stimuli and measurement of responses, controlled by programs written in C++ and operating under linux.

**Responsibilities:**

Developing and modifying computer programs that generate trial sequences and run experiments. Running human subjects in experiments, and supervising others who do so. Data summary and analysis.

**Career Development:**

The job can be thought of as an apprenticeship with a broadly experienced cognitive scientist. (See [www.psych.upenn.edu/~saul/](http://www.psych.upenn.edu/~saul/).) In time the assistant could join in the planning of experiments and analyses. He or she would be encouraged to participate in the active life of a distinguished Department of Psychology. The Department belongs to a wider cognitive science and neuroscience community at the University; it has close ties with the Departments of Computer and Information Science, Linguistics, and Philosophy, and with the Center for Cognitive Neuroscience, the Institute for Research in Cognitive Science, and the Institute of Neurological Sciences. (See [www.psych.upenn.edu](http://www.psych.upenn.edu).) Some participation in courses or seminars could be arranged.

**Terms of the Appointment:**

Initial appointment for two years; starting date (flexible) from September 1, 2008.

Salary commensurate with skills and experience; generous benefits.

**Application Procedure:**

Please write to Prof. Saul Sternberg, Department of Psychology, University of Pennsylvania, Room 302C, C-Wing, 3401 Walnut Street, Philadelphia, Pennsylvania 19104-6228, U.S.A., or to [saul@psych.upenn.edu](mailto:saul@psych.upenn.edu), describing your qualifications. Include transcript(s) of your academic record(s), and names, addresses, and phone numbers of three references able to comment on your qualifications. Please include your phone number as well.

Announcement Date: August 1, 2008