

# Thomas Sprague

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Laboratory for Perception and Action  
Baylor College of Medicine  
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## Education

Rice University, Houston TX (August 2006-present)

- Pursuing B.A. in Cognitive Science and Neuroscience
- 3.63 GPA, 3.81 within major
- Relevant Coursework:
  - **Rice University:** Differential Equations, Vector Calculus, Matrix Analysis, Engineering Computation, Principles of Program Design, Chemistry, Honors Organic Chemistry, Biochemistry, Biology, Physics, Linguistics, Probability and Statistics, Statistical Methods for Psychology, Cognitive Psychology, Memory, Perception, Biopsychology, Cognitive Neuroscience II, Philosophy of Cognitive Science, Theoretical Neuroscience
  - **Baylor College of Medicine:** Law Brains & Behavior, Special Topics and Individual Research in Neuroscience (2 semesters), Functional Neuroanatomy and Development
  - **University of Texas Health Sciences Center:** Functional Magnetic Resonance Imaging

## Research Experience

Research Assistant, Laboratory for Perception and Action, Baylor College of Medicine, working with Dr. David Eagleman (February 2007-present)

- MATLAB programming (stimulus presentation scripts, analysis software)
- Behavioral psychophysics experiment design, execution and analysis
- fMRI experiment design, execution and analysis
- Statistical data analysis
- Manuscript/poster preparation and presentation

## In Preparation for Submission

**Sprague, T.C.**, Jacobson, J.E., & Eagleman, D.M. The perceived duration of a stimulus depends on temporal context. In preparation.

**Sprague, T.C.** and Eagleman, D.M. Color-motion asynchrony depends on stimulus predictability. In preparation.

Eagleman, D.M. and **Sprague, T.C.** The neural bases of time perception in Oxford Time Handbook. In preparation.

## Past and Upcoming Conference Presentations

**Sprague, T.C.** and Eagleman, D.M. (2008, February). The perceived duration of a stimulus depends on temporal context. Baylor College of Medicine Department of Neuroscience Annual Forum,

Galveston, TX.

**Sprague, T.C.** and Eagleman, D.M. (2008, April). The perceived duration of a stimulus depends on temporal context. Rice Undergraduate Research Symposium, Houston, TX.

**Sprague, T.C.** and Eagleman, D.M. (2008, November). Perceptual asynchrony depends on stimulus predictability. Society for Neuroscience Annual Meeting, Washington, D.C.

**Sprague, T.C.** and Eagleman, D.M. (2009, February). Neural latencies are not equivalent to perceptual latencies. Baylor College of Medicine Department of Neuroscience Annual Form, The Woodlands, TX.

**Sprague, T.C.** and Eagleman, D.M. (2009, April). Color-motion asynchrony depends on stimulus repetition. Rice Undergraduate Research Symposium, Houston, TX.

**Sprague, T.C.** and Eagleman, D.M. (2009, May). The perceived duration of a stimulus depends on temporal context. Vision Sciences Society Annual Meeting, Naples, FL.

**Sprague, T.C.** and Eagleman, D.M. (2009, July). Color-motion asynchrony depends on stimulus repetition. RIKEN BSI Summer Program, Tokyo, Japan.

#### **Academic Memberships**

- Society for Neuroscience (2007-present)
- Vision Sciences Society (2008-present)

#### **Awards**

- *Summa cum laude*, graduated 10th in high school class of 680 (2006)
- National Merit Scholar (2006)
- National AP Scholar with Distinction (2006)
- Houston Livestock Show & Rodeo Metropolitan Scholarship recipient (2006)
- 6th place in Texas State TCEA Programming (Java) Competition (2004)
- Wiess Mentors Society Nominee (2008)
- President's Honor Roll (Spring 2008)

#### **Additional Activities**

- Student Admission Council volunteer (2006-present)
- Student Admission Council On-Campus Programs Committee member (2007-2008)
- Rice Symphonic Band member (2006-2008)
- Gulf Coast Consortia for Theoretical and Computational Neuroscience NSF REU Research Fellow (summer 2008)
- Rice Undergraduate Scholars Program Research Fellow (fall 2008–present)
- Writer, <http://neurotechnica.com>, a neuroscience and technology blog (2008-present)
- Wiess Mentors Society Member (2008-present)
- Cognitive Neuroscience Journal Club member (2008-present)
- Science Policy Club member (2008-present)
- Co-founder, Building Rice Academics in Neuroscience (BRAIN), a student/faculty initiative for implementing an undergraduate neuroscience program (2008-present)
- Scientia, an institute for the history of science and culture; C.P. Snow Student Fellow (2008-

present)

- RIKEN BSI in Japan Summer Program Lecture Course Participant (Summer 2009)
- Rice Undergraduate Research Symposium Steering Committee member (Fall 2009-Spring 2010)