Introduction

**IMPULSE** is an online, international journal for research reports and reviews from undergraduate neuroscientists. It is intended to give students the opportunity to submit their neuroscience research so that they can experience the entire research process, including publication. **IMPULSE** offers an outlet for students’ work, which often goes unpublished. It provides a mechanism for students to learn about the reviewing, editing, and publishing (posting) side of research as well. The entire editorial and review board is drawn from undergraduate students internationally.

The reviewing is done by student teams at the host institution (where they are required to take a Scientific Publishing class), with the Faculty Advisor overseeing the process. The reviews from students at other schools, domestic and international, are included by the International Editors. All reviewers have the option of receiving the faculty advisor’s comments on their reviews.

The first issue was posted in July, 2004. During the second year the journal was revised so that articles could be posted immediately upon acceptance. This makes the time-to-publishing possibly as short as two months. It is hoped that this will encourage more submissions and allow **IMPULSE** to continue to grow and serve this population of dynamic, future neuroscientists and their mentors. The 2006 issue is currently open for articles and will be archived at the end of the calendar year. The journal’s first major team transition occurred in Spring of 2005, and the new team helped design the site revision. Recruiting for new review team members and article submissions continues as an ongoing process.

Supported by the South Carolina Honors College and the Department of Pharmacology, Physiology and Neuroscience, School of Medicine, University of South Carolina, Columbia, SC 29208.

**History**

- **Late January 2003**: M. Wilkinson, a sophomore, recruited the founding editorial board to create the new journal.
- **Spring 2003**: National and International Peer Reviewers recruited; **IMPULSE** logo designed; website design with William Morris (IT advisor) began. Editorial Board introduced **IMPULSE** at the first SYNAPSE meeting.
- **July 2003**: Website opened for submissions for first issue at [http://impulse.schc.sc.edu](http://impulse.schc.sc.edu)
- **Fall 2003**: Editorial Board, local reviewers, and Faculty Advisor establish review and edit process; international reviewers recruited. First submissions began to arrive. Editorial Board presented **IMPULSE** at Society for Neuroscience meeting (Soc. Neu. Abs. 29:25.3).
- **July 1, 2004**: First issue posted online!!
- **Fall 2004**: Recruiting continues for additional international reviewers; new, local reviewers joined the team. Team presents at SfN (Soc. Neu. Abs. 30:28.6).
- **Spring 2005**: First Editorial transition occurred as founding team graduated; Cade Warren became the second Editor-in-Chief. New International Editor position created.
- **Spring 2006**: Redesign of **IMPULSE** and website for rolling publication of submissions: articles posted as soon as accepted in final form. Begin exploring “dark archiving” through LOCKSS.
- **Fall 2006**: New positions for Publicity Editors created; LOCKSS archiving request in process; ISSN request in process.

**Review Board**

- **Bowling Green State University (USA)**
  - Ashley Prater
- **University of California (USA)**
  - Laura Bright
- **Duke University (USA)**
  - Peter Zohlnhe & Daniel Park
- **Furman University (USA)**
  - John Usual
- **University of Baden (Germany)**
  - Laura Frey
- **University of Baden (NIgeria)**
  - Peter Zohlnhe & Daniel Park
- **University of New South Wales (Canada)**
  - Katherine Traill
- **Syracuse University (USA)**
  - Mike Mineta
- **University of Kentucky (USA)**
  - Nicholas Badger, Stephanie Logan
  - University of North Carolina, Greensboro (USA)
  - Ashley Rose
- **University of Oxford (UK)**
  - John Nola
- **Washington University St. Louis (USA)**
  - Ramaa Geppetti
- **University of South Carolina (USA)**
  - Sarah Barrett, Todd Garman, Gal Solt
  - Codi Black, Ray Harvey, Brad Shinnabacke
  - Ben Davis, Nathan Jones, Vivek Thakker
  - Kassie Davis, Zayna Khabli
  - Jonathan Estrada, Dain Patel
  - Leslie Sargent Jones (Faculty Advisor)

**Associate Editors**

- Nathan Jones, Michael Blew, Catherine Meekins, Ashleigh Moore

**Publicity Editors**

- Ben Goodlett

**Site hosted at the University of South Carolina, South Carolina Honors College**

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[http://impulse.schc.sc.edu](http://impulse.schc.sc.edu)