**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 and publish their neuroscience research so that they can experience the entire research process. **IMPULSE** offers an outlet for students’ work, which often goes unpublished.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 editorial and review board comprises students from the US and around the world.

The reviewing is done by student teams at the host institution (where they are required to take a Scientific Publishing class; see Journal of Undergraduate Neuroscience (www.journalundergradneuroscience.org)), 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 publishing format was revised so that articles could be posted immediately upon acceptance. **This reduces the time-to-posting to as little 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 2007 issue is currently open for articles with one article posted and one in press. The journal’s first major transition occurred successfully in Spring of 2005; the second major transition, with a new Editor-in-Chief preparing to take over, has started and will be completed by May 2007. 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, South Carolina Honors College

---

**History**

**Late January 2003**

M. Wilkinson recruited to found 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 SYNAPSIE meeting.

**July 2003**

Website opened for submissions for first issue.

**Fall 2003**

Editorial Board, local reviewers, and Faculty Advisor established review and edit process; international reviewers recruited. IMPULSE debuted at Society for Neuroscience meeting (Soc. Neur. Abs. 29:25.3).

**July 1, 2004**

First issue posted online!!

**Fall 2004**

Recruiting continued for additional international reviewers; new, local reviewers joined the team. Team presented at SIN (Soc. Neur. Abs. 30:20.6).

**Spring 2005**

First Editorial transition occurred as founding team graduated; Cade Warren became the second Editor-in-Chief. New International Editor position created.

**Fall/Winter 2005-06**


**Spring 2006**

Redesign of IMPULSE and website for rolling publication of submissions: articles posted as soon as accepted in final form. Began exploring “dark archiving” through LOCKSS.

**Fall 2006**

New positions for Publicity Editors created; LOCKSS archiving request in process; ISSN request completed.

**Spring 2007**

Second Editorial transition underway. Continue to plan for further “internationalizing” of submissions and reviewers; in-coming Editor-in-Chief, Ben Goodlett, will take IMPULSE to the IBRO meeting in Melbourne, Australia, July 2007.