# BIOMEDICAL COMPUTATION REVIEW

Paik, David[1]; Miller, Katharine[1]
[1]Department of Bioengineering, Stanford University, Stanford, CA
**Keywords:** Biomedical computation, magazine, review, dissemination, education

One of the main goals of the broadly scoped Biomedical Computation Review (BCR) is to build community amongst the highly varied audience of researchers interested in developing and utilizing biomedical computation. BCR, an important component of the Simbios dissemination effort, appears quarterly and covers the broader area of biomedical computing.

Five issues of BCR have been published, available in print and on the web (http://biomedicalcomputationreview.org/), (Figure 1). Each issue has been mailed to about 2,500 researchers and we have over 300 distinct visitors to our website each month, with a recent snapshot of visits shown in Figure 2. Each issue included two feature articles along with regular columns such as Editorial, News Bytes, Editor's Picks, Book Review, Featured Lab, Under the Hood (tutorial) and Seeing Science (scientific imagery). Past feature article topics have included Top 10 advances/challenges, NBCB Round 1, Education, Computer-Brain Interfaces, NCBC Round 2, Visualization-Driven Science, Multiscale Modeling, Women in Biomedical Computing, Human vs. Machine, and Computational Flu modeling. Plans for future feature articles include Terascale Computing, Microarrays, Computational Biomechanics and Biologically-inspired Computing.



**Figure 1**: Covers of the first 5 issues of *Biomedical Computation Review*



**Figure 2:** 100 most recent visits to the *Biomedical Computation Review* website

The primary personnel of BCR are David Paik (Executive Editor) and Katharine Miller (Managing Editor). We have 8 professional science writers who have been contracted for various articles. The Executive Advisory Board consists of Russ Altman (Stanford), Scott Delp (Stanford), Jeanette Schmidt (Stanford), Michael Sherman (Stanford), Art Toga (UCLA), Ron Kikinis (Harvard), Isaac Kohane (Harvard), Valery Daggett (U Washington), Tamar Schlick (NYU), Shoshana Wodak (Université Libre de Bruxelles), John Wooley (UCLA), Eric Jakobsson (U Illinois), Brian Athey (U Michigan), Andrea Califano (Columbia U), Mark Musen (Stanford). In addition, several program and science officers of Simbios provide valuable input on topics.

E-mail: david.paik@stanford.edu