

## Conference Student Scholarships: Microbial Communities as Drivers of Ecosystem Complexity

**Grantor:** Keystone Symposia

**Closes:** 11/23/2010

**Maximum:** \$1,000.00

Conference Student Scholarships: Microbial Communities as Drivers of Ecosystem Complexity

Scholarship Deadline: November 23, 2010 (Midnight US Mountain Standard Time)

Microorganisms, by their omnipresence, impact the entire biosphere, including the human body. Microbial ecology studies the interactions between members of microbial communities (assemblage of microorganisms that share the same environment) using a panoply of biological and bioinformatics tools. The field of microbial ecology has made substantial strides with the advent of molecular microbiology and has fully embraced high-throughput DNA sequencing technologies. When Joshua Lederberg coined the term human microbiome, he had an ecological analogy in mind (“to signify the ecological community of commensal, symbiotic and pathogenic microorganisms that literally share our body space and have been all but ignored as determinants of health and disease”). The studies of the human microbiome and the environment are both characterizing key microbial interactions but appear to act independently from one another. The main purpose of the symposium is to assemble the leaders in the field of environmental microbial ecology and the human microbiome to stimulate interaction and collaboration. Session topics will address every aspect of the study of microbial communities, from microbial surveys, bioinformatics, transcriptomics, proteomics and community modeling. Each session will include speakers studying environmental communities and the human microbiome. The interactive nature of this symposium will spur collaborations and a better integration of these two similar fields of study.

Keystone Symposia is offering scholarships to students and post-docs this conference season. These scholarships, of up to \$1000 each, are to be used to help defray the expenses associated with conference attendance, including air (on a U.S. air carrier), ground transportation and lodging costs. Receipts will be required to receive reimbursement.

Abstracts submitted for poster presentation will be used as the basis for awarding the scholarships. Conference organizers will select the scholarship recipients based on the quality of science of the abstract and the relevance of the abstract to the conference topic. Only one application per abstract is accepted.

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Financial Assistance / Student Scholarships

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**Link:** <http://www.keystonesymposia.org/Meetings/viewMeetings.cfm?MeetingID=1059&subTab=scholarships>

**Categories:** Basic Science, Bioinformatics, Computer Modeling, Environmental Health, Microbiology , Scholarships, Travel Grants

**Audience:** Graduate Student, Postdoctoral Fellow