2012 Education Planning Calendar

For Faculty, Postdoctoral Scientists, Graduate and Undergraduate Students

Consider these professional development opportunities from ASM. Check websites for timely information. Dates may change without notice.

FACULTY RESOURCES

Conferences and Institutes

ASM/JGI Bioinformatics Institute: Incorporating Bioinformatics Research in Undergraduate Education
March 7–10, 2012, Washington, DC
Application deadline: November 15, 2011
Participants will understand, interpret, and use molecular sequence information to solve problems, providing a framework for developing classroom activities and research projects for undergraduate students. The program features analysis of microbial genomes, molecular sequences, and structural data.
Co-sponsors: U.S. Department of Energy Joint Genome Institute, ASM and Hiram College
www.facultyprograms.org

ASM/NIGMS Learning Interventions Institute: Understanding Research Techniques to Study Student Interventions
April 23–26, 2012, Washington, DC
Application deadline: January 15, 2012
Participants will understand the basic logic underlying behavioral and social science research and become familiar with quantitative and qualitative research methodologies to form meaningful collaborations and studies.
Co-sponsors: National Institute of General Medical Sciences and ASM
www.facultyprograms.org

ASM Conference for Undergraduate Educators
June 14–17, 2012, San Mateo, CA
Teaching, learning, and assessment conference with posters and exhibits sessions for microbiology and biology educators.
Abstract deadline: February 1, 2012
Discount registration deadline: March 16, 2012
www.asmcue.org

ASM/JGI Functional Genomics Institute: Connecting Bioinformatics-Driven Hypotheses to Wet-Lab Projects
June 24–29, 2012, Hiram, OH
Application deadline: February 15, 2012
Participants will understand the functional analysis of microbial genomes through forward genetics, reverse genetics and protein expression approaches, connecting functional information to genome annotations, and have a framework for developing classroom activities and research projects for undergraduate students.
Co-sponsors: U.S. Department of Energy Joint Genome Institute, ASM and Hiram College
www.facultyprograms.org

ASM/NSF Biology Scholars Assessment Residency: Measuring Student Learning
June 27–30, 2012, Washington, DC
Application deadline: February 15, 2012
Participants examine the role of learning objectives in course design and explore a wide range of techniques and tools that effectively assess student learning.
Co-sponsors: National Science Foundation and ASM
www.biologyscholars.org

ASM/NSF Biology Scholars Transitions Residency: From Education Research to Publication
July 16–18, 2012, Washington, DC
Application deadline: February 1, 2012
Participants evaluate the results of their classroom learning research, share their preliminary results and determine if they are ready for publication.
Co-sponsors: National Science Foundation and ASM
www.biologyscholars.org

ASM/NSF Biology Scholars Research Residency: The Scholarship of Teaching and Learning
Application deadline: March 1, 2012
Participants trained in effective teaching strategies develop the skills to create, design, and implement experiments that assess student learning.
Co-sponsors: National Science Foundation and ASM
www.biologyscholars.org

Publications

MicrobeLibrary
Access peer-reviewed visual resources for teaching in biology:
• Atlas and Laboratory Protocol Collections
• Visual Collection of high-quality images, animations, and videos
www.microbelibrary.org

Journal of Microbiology & Biology Education (JMBE)
Open-access journal that publishes original, previously unpublished, peer-reviewed articles on education research, perspectives, laboratory and classroom exercises, tips and tools, and reviews.
jmbe.asm.org

POSTDOC & STUDENT RESOURCES

Conferences and Institutes

ASM Scientific Writing and Publishing Institute
March 22–25, 2012, Washington, DC
Application deadline: December 1, 2011
Skills training in scientific writing and publishing under mentorship of ASM journal editors for graduate students and postdoctoral scientists
www.asmgap.org

ASM Kadner Institute in Preparation for Careers in Microbiology
July 21–25, 2012, East Lansing, MI
Application deadline: May 15, 2012
Skills training in grantwriting, presentations, teaching and mentoring, career planning and ethics for graduate students and postdoctoral scientists

Co-sponsors: National Institute of Allergy and Infectious Diseases and Burroughs Wellcome Fund

www.asmgap.org

Annual Biomedical Research Conference for Minority Students (ABRCMS)

November 7–10, 2012, San Jose, CA

Abstract and travel award deadline: September 7, 2012

Student conference with scientific and educational sessions, poster and recruiters for summer research programs and graduate training in biomedical and behavioral sciences including STEM disciplines

www.abrcms.org

Fellowships, Certification and Awards

ASM Undergraduate Research Capstone Program (UR–Capstone)

Application deadline: December 15, 2011

Travel support to enhance professional development skills

www.asm.org/students

ASM/CDC Postdoctoral Research Fellowship

Application deadline: January 15, 2012
Two-year research experience under mentorship of CDC scientists
Sponsor: Centers for Disease Control and Prevention

www.asm.org/postdocs

ASM Undergraduate Research Fellowship (URF)

Application deadline: February 1, 2012
Summer research experience in the microbiological sciences at home institution

www.asm.org/students

ASM Robert D. Watkins Graduate Research Fellowship

Application deadline: May 1, 2012
Three-year research experience in the microbiological sciences at home institution

www.asm.org/students

Raymond W. Sarber Awards
Nomination deadline: July 1, 2012
Recognizes undergraduate and predoctoral students for research excellence and potential

www.asm.org/ASMAwards (click on students and young investigators)

The National Registry of Certified Microbiologists

Application deadline: August 1, 2012
Tangible credentialing and documentation of abilities for recent graduates and students completing their final semester of undergraduate studies

www.microbiologycert.org

Training in Medical Microbiology and Immunology

No application deadline
Doctoral-level training in the clinical profession of laboratory medicine

www.asm.org/CPEP

AWARDS

ASM Graduate Microbiology Teaching Award
Nomination deadline: July 1, 2012
Honors distinguished teaching of microbiology and mentoring of students at the graduate and postgraduate levels.

www.asm.org/ASMAwards

William A. Hinton Research Training Award
Nomination deadline: July 1, 2012
Honors outstanding contributions toward fostering the research training of underrepresented minorities in microbiology.

www.asm.org/ASMAwards

Carski Foundation Distinguished Undergraduate Teaching Award
Nomination deadline: July 1, 2012
Honors distinguished teaching of microbiology to undergraduate (prebaccalaureate) students and encouragement to subsequent achievement.

www.asm.org/ASMAwards

D.C. White Research and Mentoring Award
Nomination deadline: July 1, 2012
Recognizes distinguished accomplishments in interdisciplinary research and mentoring in microbiology.

www.asm.org/ASMAwards

Moselio Schaechter Distinguished Service Award
Nomination deadline: July 1, 2012
Honors an ASM member who has shown exemplary leadership and commitment towards the substantial furthering of the profession of microbiology in research, education, or technology in the developing world.

www.asm.org/ASMAwards