

# GRANTS & OPPORTUNITIES

*Items shown in blue have been added or updated since the last issue of the Newsletter.*

**ASCB Minorities Affairs Committee (MAC) Visiting Professorship Awards Program and Linkage Fellows Program.** The MAC Visiting Professorship Awards Program provides research support for professors at minority-serving institutions to work in laboratories of members of the ASCB for eight to 10 weeks during the summer of 2011. The MAC Linkage Fellows Program is designed to increase participation of faculty from minority-serving institutions to serve as a link between the institution, its students, faculty, and administration and the ASCB MAC. Funding for both programs is provided by a Minorities Access to Research Careers grant from the National Institute of General Medical Sciences. Deadline: March 31, 2011. [www.ascb.org](http://www.ascb.org) (click on "Committees," then "Minorities Affairs").

**High-Throughput-Enabled Structural Biology Research (U01).** The National Institute of General Medical Sciences (NIGMS) encourages applications to establish partnerships between researchers interested in a biological problem of significant scope and researchers providing high-throughput structure determination capabilities through the NIGMS PSI:Biology network. Applicants should propose work to solve a substantial biological problem for which the determination of many protein structures is necessary. Expiration: September 8, 2013. <http://grants.nih.gov/grants/guide/pa-files/PA-10-214.html>.

**Mentored Quantitative Research Development Award (K25).** The purpose of these National Institutes of Health (NIH) awards is to attract to NIH-relevant research those investigators whose quantitative science and engineering research has thus far not been focused primarily on questions of health and disease. Expiration: January 8, 2012. <http://grants.nih.gov/grants/guide/pa-files/PA-09-039.html>.

**Minority Access to Research Careers Undergraduate Student Training in Academic Research National Research Service Award Institutional Research Training Grant (T34).** The National Institute of General Medical Sciences will award these grants to eligible institutions as a means of supporting undergraduate academic and research training for students underrepresented in the biomedical and behavioral sciences. Applications due: May 25, 2011, and 2012. <http://grants.nih.gov/grants/guide/pa-files/PA-10-119.html>.

**The National Academies' Research Associateship Programs** administer postdoctoral (within five years of the doctorate) and senior (normally five years or more beyond the doctorate) research awards sponsored by federal laboratories at over 100 locations in the U.S. and overseas. Quarterly application deadlines. [www7.nationalacademies.org/rap](http://www7.nationalacademies.org/rap).

**National Centers for Biomedical Computing (R01).** This funding opportunity is for projects from individual investigators or small groups to collaborate with the National Institutes of Health Roadmap for Medical Research National Centers for Biomedical Computing (NCBCs). Collaborating projects are intended to engage researchers in building an excellent biomedical computing environment, using the computational tools and biological and behavioral application drivers of the funded NCBCs as foundation stones. Expiration: September 8, 2011. <http://grants.nih.gov/grants/guide/pa-files/PA-08-184.html>.

**National Centers for Systems Biology (P50).** The National Institute of General Medical Sciences invites grant applications from institutions/organizations proposing to establish Centers of Excellence in Systems Biology. Letters of intent due: September 28, 2011. Applications due: October 27, 2011. <http://grants.nih.gov/grants/guide/pa-files/PA-10-200.html>.

**Pathway to Independence Award.** The primary purpose of the National Institutes of Health (NIH) Pathway to Independence Award (K99/R00) program is to increase and maintain a strong cohort of new and talented NIH-supported independent investigators. The program is designed to facilitate a timely transition from a mentored postdoctoral research position to a stable independent research position with independent NIH or other independent research support at an earlier stage than is currently the norm. Expiration: January 8, 2012. <http://grants.nih.gov/grants/guide/pa-files/PA-09-036.html>.

**Research Supplements to Promote Diversity in Health-related Research.** The National Institutes of Health (NIH) and the Centers for Disease Control and Prevention have announced to PIs holding specific types of NIH research grants that funds are available for administrative supplements to improve the diversity of the research workforce by supporting and recruiting students, postdoctoral researchers, and eligible investigators from groups that have been shown to be underrepresented. Expiration: September 30, 2011. <http://grants.nih.gov/grants/guide/pa-files/PA-08-190.html>.

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**Research Supplements to Promote Re-entry into Biomedical and Behavioral Research Careers.** These supplements are intended to encourage individuals to re-enter research careers within the missions of all National Institutes of Health (NIH) program areas. This program will provide administrative supplements to existing NIH research grants to support full-time or part-time research by individuals in a program geared to bring their existing research skills and knowledge up-to-date. Expiration: September 30, 2011.  
<http://grants.nih.gov/grants/guide/pa-files/PA-08-191.html>.

**Ruth L. Kirschstein National Research Service Awards for Individual Predoctoral Fellows in PharmD/PhD Programs.** The objective of this National Institutes of Health funding opportunity announcement is to help ensure that highly trained PharmD/PhD graduates will be available in adequate numbers and in appropriate research areas to carry out the U.S. biomedical, behavioral, and clinical research agenda. Expiration: January 8, 2012.  
<http://grants.nih.gov/grants/guide/pa-files/PA-09-029.html>.

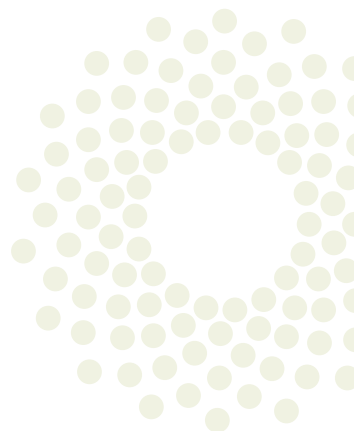
**SHIFT Awards: Small Businesses Helping Investigators to Fuel the Translation of Scientific Discoveries (SBIR: R43/R44).** These National Institutes of Health awards are intended to foster research that is translational in nature and to transform academic scientific discoveries into commercial products and services. They require that an investigator who is primarily employed by a U.S. research institution at the time of application transition to a small business concern (SBC) and be primarily employed (more than 50% time) by the SBC by or at the time of the award. Expiration: January 8, 2013. <http://grants.nih.gov/grants/guide/pa-files/PA-10-122.html#SectionIV3A>.

**Structural Biology of Membrane Proteins (R01).** This National Institutes of Health funding opportunity is for research that will lead to the determination of membrane protein structures at high resolution. In addition to the structures of integral membrane proteins, the structures of the complexes formed between these proteins and their biological partners are of interest. Expiration: September 8, 2013.  
<http://grants.nih.gov/grants/guide/pa-files/PA-10-228.html>.

**Supplements for Functional Studies Based on High-resolution Structures Obtained in the Protein Structure Initiative.** The National Institute of General Medical Sciences (NIGMS) announces the availability of administrative supplements to provide funds to enable investigators interested in protein function to capitalize on the information and material products of the Protein Structure Initiative (PSI). These supplements are available for 1) NIGMS-funded research grants (R01, R37, and P01) as well as 2) investigators with peer-reviewed research grants not funded by NIGMS, through the PSI research centers. [www.nigms.nih.gov/initiatives/PSI/supplements](http://www.nigms.nih.gov/initiatives/PSI/supplements).

**Support of NIGMS Program Project Grants (P01).** The National Institute of General Medical Sciences encourages innovative, interactive program project grant applications from institutions/organizations that propose to conduct research that aims to solve a significant biological problem through a collaborative approach involving outstanding scientists who might not otherwise collaborate. Expiration: September 8, 2013.  
<http://grants.nih.gov/grants/guide/pa-files/PAR-10-266.html>. ■

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Basel Signaling Alliance

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