



Research Administration Newsletter

Volume 1, Number 5

September 8, 2006

Funding Opportunities

NSF has announced its major research instrumentation competition, with a deadline of January 25 (<http://www.nsf.gov/pubs/2005/nsf05515/nsf05515.htm>). As in the past, NSF limits USC to three proposals, as specified below:

Limit on Number of Proposals: Three (3) as described below. Both of the following conditions must be met or proposal(s) may be returned without review:

1. An organization may submit or be included as a partner or subawardee in no more than three proposals.
2. If an organization submits or is included as a partner or subawardee in three proposals, at least one of the three proposals must be for instrument development.

If you would like to be considered as one of the USC proposals, the Associate Dean for the Office of Scientific Affairs will need the PI's CV and a 1-2 page pre-proposal by October 2, 2006 emailed to gpetrov@usc.edu. This pre-proposal should describe the instrument, the research mission to be addressed with the instrument, the faculty who would use the equipment, and a list of current NSF grants for participating faculty.

Priority will be given to proposals that provide a strong scientific mission, include multiple NSF funded users, and are designated as high priority by a school and/or initiative.

Addendum – Exploratory/Developmental Bioengineering Research Grants (EBRG)

NEI is interested in applications which rigorously address clinical and mechanistic research questions in all areas of vision research, using multi-disciplinary approaches that extend beyond the traditional biological and clinical sciences. Bioengineering approaches that will integrate principles and techniques from engineering, physics, biology, chemistry, material sciences, mathematics,

biostatistics, and/or computer sciences are particularly encouraged.

Click link for details:

<http://grants.nih.gov/grants/guide/notice-files/NOT-EY-06-006.html>

CIRM Grants Program

The goal of the California Institute for Regenerative Medicine (CIRM) is to develop stem cell and related research for the diagnosis, prevention and treatment of disease and injury. Toward that end, CIRM plans to fund a broad and varied program of stem cell research and training, and is currently developing a scientific strategic plan to guide this program. An unexpected development, however, has made funds immediately available that can be used to fund stem cell research before the strategic plan is completed. These funds will be focused on the greatest immediate need, which is research on human embryonic stem cells (hESCs). At a later time, CIRM will offer opportunities for funding across a broader range of projects.

The first CIRM research grant initiative, Innovation in Human Embryonic Stem Cell Research is intended to "jump-start" human embryonic stem cell research in California. It will be carried through three Requests for Applications (RFAs), two for individual investigator projects and one for institutional shared laboratory space.

Click link for details:

<http://www.cirm.ca.gov/funding/>

Top Articles

Top 25 articles, January - March 2006

#13 in Am J Ophthalmol:
Fraser-Bell S, Wu J, Klein R, **Azen SP, Varma R.** Los Angeles Latino Eye Study Group. Smoking, alcohol intake, estrogen use, and age-related macular degeneration in Latinos: The Los Angeles Latino Eye Study. American Journal of Ophthalmology, Volume 141, Issue 1, 1 January 2006, Pages 79-87.

#13 in Ophthalmology:

Sadda SR, Wu Z, **Walsh AC**, Richine L, Dougall J, Cortez R, LaBree, LD. Errors in retinal thickness measurements obtained by optical coherence tomography. *Ophthalmology*, Volume 113, Issue 2, 1 February 2006, Pages 285-293.

#11 in Progress in Retinal and Eye Research:

Carelli V, Ross-Cisneros, FN, **Sadun AA**. Mitochondrial dysfunction as a cause of optic neuropathies. *Progress in Retinal and Eye Research*, Volume 23, Issue 1, 1 January 2004, Pages 53-89.

And still #5 most cited in *Invest Ophthalmol Vis Sci* for the month of August:

Lopez PF, Sippy BD, Lambert HM, Thach AB, **Hinton DR**. Transdifferentiated retinal pigment epithelial cells are immunoreactive for vascular endothelial growth factor in surgically excised age-related macular degeneration-related choroidal neovascular membranes. *Invest. Ophthalmol. Vis. Sci.* Apr 01, 1996; 37: 855-868.

Doheny News

Pending Proposals

PI: Mark Humayun, M.D., Ph.D.

Funding Agency: NIH/USC Subcontract

Title: Functional Abiotic Nanosystems for Understanding & Engineering Cellular Response

Funding Agency: NIH/Cal Tech Subcontract

Title: Forward Imaging Needle Probe for OCT Imaging

PI: Eunduck Kay, D.D.S., Ph.D.

Funding Agency: EBAA

Title: Gene Silencing Therapy for Rejuvenating Endothelium

NIH Announcements

Announcing 2007 NIH Regional Seminars in Program Funding and Grants Administration

The two-day seminars provide information about the NIH funding process, from opportunity identification and application preparation through post award administration. Presentations are targeted towards research administrators, new and experienced investigators, post docs and trainees. Opportunities for informal interactions between seminar participants and NIH grants management, program, policy, and review staff are incorporated into the program and such interactions are highly encouraged. NIH electronic

research administration labs are offered on a day adjacent to the two day seminar.

Click link for details:

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-06-097.html>

Findings of Scientific Misconduct

Based on the University of Maryland at Baltimore (UMAB) investigation committee report and additional analysis and information obtained by ORI during its oversight review, the U.S. Public Health Service (PHS) found that Ms. Okoro, former Research Assistant, UMAB, engaged in misconduct in science by fabricating and falsifying patient data in research supported by National Institute on Aging (NIA), National Institutes of Health (NIH), grant R01 AG18461.

Click link for details:

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-06-092.html>

The U.S. Public Health Service (PHS) found that Kui Zhu, Ph.D., former postdoctoral fellow, CCF, engaged in misconduct in science by intentionally and knowingly fabricating and falsifying data for figures in two publications and with research funded by National Cancer Institute (NCI), National Institutes of Health (NIH), grants R21 CA84038, R01 CA76204, and T32 CA09056.

Click link for details:

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-06-099.html>

Other Announcements

6th International GLAUCOMA Symposium Athens, Greece – March 28-31, 2007

Click link for details:

<http://www.kenes.com/glaucoma/>

University of Pittsburgh Medical Center's 29th Annual Midwest Glaucoma Symposium Pittsburgh, Pennsylvania – September 15-16, 2006

Click link for details: (click on online course registration on left side, click on Midwest Glaucoma Symposium and open title and brochure link).

<https://ccehs.upmc.edu/>

Cole Eye Institute's 2006-2007 Programs in Ophthalmic Education

The Programs in Ophthalmic Education courses for the academic year 2006-2007 will focus specific attention on innovations in each of the various subspecialties of

ophthalmology. Some highlights of the coming year include an international course entitled "Innovations in Ophthalmology" and the "6th Retina Summit: Innovations in Vitreoretinal Diseases & Surgery." Both courses feature prominent faculty from around the world and the Retina Summit will showcase live innovative surgical procedures, with a direct videoconference feed to the attendees in the amphitheatre, as well as simultaneous surgery done live on the Internet.

Click link for details:

<https://www.clevelandclinicmeded.com/live/usacourses.htm>

Resources

The **Office of Research Integrity (ORI)** promotes integrity in biomedical and behavioral research supported by the U.S. Public Health Service (PHS) at about 4,000 institutions worldwide. ORI monitors institutional investigations of research misconduct and facilitates the responsible conduct of research (RCR) through educational, preventive, and regulatory activities. Organizationally, ORI is located in the Office of Public Health and Science (OPHS), within the Office of the Secretary of Health and Human Services (OS), in the U.S. Department of Health and Human Services (HHS).

Click link for details:

<http://ori.hhs.gov>

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