

Research Administration Newsletter

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Doheny News

Dr. Craft to Serve on Study Section



Congratulations to Dr. Cheryl Craft who has accepted the Center for Scientific Review's invitation to serve as a member of the Biology and Diseases of the Posterior Eye Study Section. Her term will start July 1, 2007 and end June 30, 2010. Members are selected on the basis of their demonstrated competence

and achievement in their scientific discipline as evidenced by the quality of research accomplishments, publications in scientific journals, and other significant scientific activities, achievements and honors. Service on a study section also requires mature judgment and objectivity as well as the ability to work effectively in a group, which was the basis upon which Dr. Craft was invited to be a part of the study section. Dr. Craft's participation assures the quality of the NIH peer review process and Doheny Eye Institute is proud to have one of its own serving in this capacity.

ARVO Basic Scientist Awards

Congratulations to the following individuals who were recipients of this year's ARVO Basic Scientist Award:



Hossein Ameri, M.D., FRCSI, MRCOphth. His ARVO presentation was entitled "The Effects of Bevacizumab in VEGF-injected Rabbit Eyes."



Candy Chan, M.D., Ph.D. Dr. Chan's poster was entitled "Differential Expression of Caspases and Fas/FasL in Mouse Strain-Dependent Hyperoxia-Induced Vessel Regression."



Jeong Goo Lee, Ph.D. Dr. Lee's poster was entitled "Two Populations of p27 Use Differential Kinetics to Phosphorylate Ser10 and Thr187 via PI 3-kinase in Response to FGF-2."

Pending Proposals

The first two are for a new award program offered by the NIH for the first time this year, as announced in previous Newsletters.

Biju B. Thomas, Ph.D.
NIH Director's New Innovator Award Program (DP2)
Visual Functional Role of Intrinsically Light-Sensitive Ganglion Cells

Samuel C. Yiu, M.D., Ph.D.
NIH Director's New Innovator Award Program (DP2)
Building A Bioengineered Model For The Study Of Lacrimal Physiology

Mark S. Humayun, M.D., Ph.D.
DOE BRL (competing renewal)
Artificial Retina: Bioelectronics Research Laboratory

Funding Opportunities

Zumberge Interdisciplinary Awards

These grants are designed to provide seed funding for broad, collaborative research activities that involve groups of faculty from multiple schools that are likely to be sustained past the period of the award. To be considered for this award, applications must provide a realistic plan for sustained funding beyond the end of the award, and must also demonstrate that a Zumberge award will make a difference in attracting research support.

An interdisciplinary grant can be used to initiate a multiple school Organized Research Unit (ORU) or prepare a center grant. It might also be used to organize a team of researchers to address a topical research question. Applicants are encouraged to consult the Office of the Vice Provost for Research Advancement prior to preparing a proposal to ensure that the topic fits the program.

Each application must designate a team that includes one Principal Investigator (PI) and at least one co-Principal Investigator, who may be faculty of any rank or type (excluding visiting faculty). At least two schools

must be represented in the primary appointments of the PI and co-PI. Applications should also specifically describe the involvement of other faculty (beyond the PI and co-PI) who have been consulted and have agreed to participate in the project.

The deadline for applications for the current cycle of Interdisciplinary Awards is July 31. Forms can be downloaded at:
http://www.usc.edu/research/for_researchers/funding/usc/zumberge/

Articles

IOVS most cited through April 1, 2007

#5 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*. 1996;37:855-868.

Publications

1. Bakri S, Singh AD, Lowder CY, Chalita MR, Li Y, Izatt JA, Rollins AM, **Huang D**. Imaging of iris lesions with high-speed optical coherence tomography. *Ophthalmic Surg Lasers Imaging* 2007;38:27-34.
2. Chakravarthy U, **Lim** JI. New treatments for neovascular acute macular degeneration. *BMJ* 2007;334:269-270.
3. Chakravarthy U, **Walsh AC**, Muldrew A, **Udike PG**, Barbour T, **Sadda SR**. Quantitative fluorescein angiographic analysis of choroidal neovascular membranes: Validation and correlation with visual function. *Invest Ophthalmol Vis Sci* 2007;48:349-354.
4. **Chong LP**, McCormick M, Deboer C, Barnes A. A self-stabilizing lens ring for 25-gauge vitrectomy surgery. *Am J Ophthalmol* 2007;143:350-351.
5. Engel BC, Podsakoff GM, Ireland JL, Smogorzewska EM, Carbonaro DA, Wilson K, Shah A, Kapoor N, Sweeney M, **Borchert M**, Crooks GM, Weinberg KI, Parkman R, Rosenblatt HM, Wu SQ, Hershfield MS, Candotti F, Kohn DB. Prolonged pancytopenia in a gene therapy patient with adenosine deaminase-deficient scid and trisomy 8 mosaicism: A case report. *Blood* 2007;109:503-506.
6. Evans M, Sharma O, LaBree L, **Smith RE**, **Rao NA**. Differences in clinical findings between caucasians and african americans with biopsy-proven sarcoidosis. *Ophthalmology* 2007;114:325-333.
7. **Francis BA**. Techniques for internal filtering surgery in glaucoma. *J Glaucoma* 2007;16:264.
8. Imai H, Kefalov V, Sakurai K, Chisaka O, Ueda Y, Onishi A, Morizumi T, Fu YB, Ichikawa K, Nakatani K, Honda Y, **Chen J**, Yau KW, Shichida Y. Molecular properties of rhodopsin and rod function. *J Biol Chem* 2007;282:6677-6684.
9. Johnson WR, Wilson DW, Fink W, **Humayun M**, Bearman G. Snapshot hyperspectral imaging in ophthalmology. *J Biomed Optics* 2007;12:1083-3668.
10. Koo L, **Chang EL**. Methicillin-resistant staphylococcus aureus caruncle abscess. *Ophthalmic Plast Reconstruct Surg* 2007;23:160-161.
11. Morrison VL, Kozak I, LaBree LD, **Azen SP**, Kayicioglu OO, Freeman WR. Intravitreal triamcinolone acetonide for the treatment of immune recovery uveitis macular edema. *Ophthalmology* 2007;114:334-339.
12. Rajendram R, Saraswathy S, **Rao NA**. Photoreceptor mitochondrial oxidative stress in early experimental autoimmune uveoretinitis. *Br J Ophthalmol* 2007;91:531-537.
13. Sachs NA, **Chang EL**, Vyas N, Sorensen BN, **Weiland JD**. Electrical stimulation of the paralyzed orbicularis oculi in rabbit. *IEEE Trans Neural Syst Rehabil Eng* 2007;15:67-75.
14. **Sadda SR**, Joeres S, Wu Z, **Udike P**, Romano P, Collins AT, **Walsh AC**. Error correction and quantitative subanalysis of optical coherence tomography data using computer-assisted grading. *Invest Ophthalmol Vis Sci* 2007;48:839-848.
15. Smear MC, **Tao HZW**, Staub W, Orger MB, Gosse NJ, **Liu Y**, Takahashi K, Poo MM, Baier H. Vesicular glutamate transport at a central synapse limits the acuity of visual perception in zebrafish. *Neuron* 2007;53:65-77.
16. Wang YR, Chiu CT, Nakamura T, Walker AM, Petridou B, **Trousdale MD**, **Hamm-Alvarez SF**, **Schechter JE**, **Mircheff AK**. Elevated prolactin redirects secretory vesicle traffic in rabbit lacrimal acinar cells. *Am J Physiol Endocrinol Metab* 2007;292:E1122-E1134.
17. Zhou QF, Xu XC, Gottlieb EJ, Sun L, Cannata JM, Ameri H, **Humayun MS**, Han PD, Shung KK. Pmn-pt single crystal, high-frequency ultrasonic needle transducers for pulsed-wave doppler application. *IEEE Trans Ultrason Ferroelectr Freq Contr* 2007;54:668-675.

NIH Announcements

NIH Revised Notice of Award Letter

NIH announces the revision of the Notice of Grant Award Letter, now known as the Notice of Award Letter (NoA). The revised NoA has several enhancements and a new look and feel. This NoA gives NIH the flexibility to make changes as needed and issue the NoA in PDF format resulting in a more user / reader friendly document. Listed below are the most notable enhancements. NIH will start to issue the revised NoA effective **April 13, 2007**.

With the revision of the NoA, NIH strongly encourages all award recipients to become e-mail enabled to allow for the electronic transmission of the NoA. An institution can easily become e-mail enabled when registering the prospective institution or organization in the eRA Commons hosted by the NIH. Registering in the eRA Commons also allows faculty and staff to take advantage of the electronic submission and retrieval of grant information. Only an individual with signatory authority for the institution or organization in grant-related matters can register an institution.

Click link for details:

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-07-060.html>

*A copy of each Newsletter is available in Outlook's Public Folder/Research Administration **AND** is now available on the Doheny website, under Research.*

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