

RESEARCH OPPORTUNITIES

OFFICE OF RESEARCH AND GRADUATE EDUCATION PROGRAMS
SCHOOL OF VETERINARY MEDICINE

August 2004

*All issues of "Research Opportunities" newsletters are posted at
www.vetmed.ucdavis.edu/research/Publications/newsletters/default.cfm*

School of Veterinary Medicine

08/16/2004 **The John H. Prescott Marine Mammal Rescue Assistance Grant Program** is sponsored by the United States Department of Commerce, National Oceanic and Atmospheric Administration and National Marine Fisheries. Under this program, funding is available for the recovery or treatment of stranded marine mammals, and the collection of data from living or dead stranded marine mammals for research regarding marine mammal health. Financial assistance will also be given for operation costs that are directly related to these activities. Award upper amount is \$100,000. Contact Janet Whaley at janet.whaley@noaa.gov or visit http://www.nmfs.noaa.gov/prot_res/PR2/ for more information.

08/17/2004 **The Friends of Jose Carreras International Leukemia Foundation (FJCILF)** was founded in 1988 by the internationally known tenor Jose Carreras to raise money for the support of research into the diagnosis, prevention and cure of leukemia and related hematological malignancies. UC Davis is eligible to submit one proposal to the foundation. Initially, applications will be accepted for one postdoctoral fellowship to provide funding of \$50,000 for one year. Candidates must hold an MD or PhD and have completed at least three years postdoctoral training but must be less than ten years post their first doctoral degree when the award begins. An electronic copy of the preproposal must be sent to Rebeca Madrigal at rsmadrigal@ucdavis.edu by 5 pm on August 17, 2004; sponsor deadline is 10/14/2004. Visit <https://www.fcarreras.org/eng/seccio.php?opcion=5> or e-mail [Rebeca Madrigal](mailto:Rebeca.Madrigal) for more information.

08/23/2004 **The Burroughs Wellcome Fund (BWF)** is requesting proposals under the Investigators in Pathogenesis of Infectious Disease program. UC Davis is eligible to submit two nominations for this program which is now the only BWF award program specifically focused on infectious diseases. The goal of the program is to provide new opportunities for accomplished investigators still early in their careers to study pathogenesis, with a focus on the intersection of human and pathogen biology. BWF is particularly interested in work focused on the host, as well as host-pathogen studies originating in viral, bacterial, fungal, or parasite systems. Excellent animal models of human disease are within the scope of the program. The program provides \$400,000 over a period of five years (\$80,000 per year). All candidates are asked to send an electronic copy of the preproposal to Rebeca Madrigal at rsmadrigal@ucdavis.edu by 5 pm on August 23, 2004; sponsor deadline is 11/01/2004. Visit http://www.bwffund.org/programs/infectious_disease/pathogenesis_main.html for more information.

08/31/2004 **The Primate Society of Great Britain (PSGB)** and the Conservation Working Party (CWP) award small grants in support of primate conservation and education. Proposals are invited for grants to assist: research of benefit to primate conservation; short surveys to identify locations of value to primate conservation; or projects involving conservation education relevant to primates. Grants will be awarded to members of PSGB, or to citizens of primate range states who are sponsored by a member. Activity location and citizenship or residency are unrestricted. Individual awards tend to be in the range of £250 to £750. E-mail Anna Feistner at cwp@psgb.org or visit <http://www.psgb.org/Conservation/index.html> for more information.

Applications are accepted on a continuous basis **The Oak Ridge Institute for Science and Education** provides opportunities for postgraduate research participation at the Center for Veterinary Medicine in Rockville/Bethesda, MD. Research focuses on food additives and drugs given to animals. Applicants must have completed their graduate degree within the last three years; others will be considered on a case-by-case basis. Contact Linda McCamant at mccamanL@orau.gov for more information.

Applications are accepted on a continuous basis **Sigma Xi, The Scientific Research Society**, announces the William Procter Prize for Scientific Achievement. The prize of \$5,000 is awarded to a scientist who has made an outstanding contribution to scientific research and has demonstrated the ability to communicate this research to scientists in other disciplines. The recipient must be either a PhD, MD or other professional. E-mail ctte-award@sigmaxi.org or visit <http://www.sigmaxi.org/programs/prizes/procter.shtml> for more information.

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Applications are accepted on a continuous basis The US Department of Defense (DOD), Department of the Army, US Army Medical Research and Materiel Command (USAMRMC) Broad Agency Announcement (BAA 02-1) seeks to preserve combat effectiveness by timely provision of medical countermeasures in response to Joint Service chemical warfare defense requirements. The fundamental orientation of the Medical Chemical Defense Research Program is to protect US forces from the effects of chemical warfare agents by developing protective, pretreatment, and prophylactic products, providing products usable by the individual soldier for immediate treatment of chemical warfare agent exposures, developing antidotes/therapeutics to chemical warfare agents, defining care procedures for chemical warfare agent casualties, and advancing management of these casualties. The medical countermeasures are intended to preserve and sustain the soldiers' combat effectiveness in the face of combined threats from chemical and conventional munitions on the integrated battlefield. Proposals dealing with technology assessment are also of interest. Examples of some of the live infectious agents of interest are those causing anthrax, plague, glanders, and the agents Ebola virus, Marburg virus, Venezuelan western and eastern equine encephalitis viruses, and pox virus models of variola virus. Examples of non-living agents (toxins) include those from plants (ricin); bacteria (Staphylococcal enterotoxins, botulinum); membrane damaging toxins; and venoms from snakes, snails, and insects. Award amount is unspecified. E-mail qa.baa@det.amedd.army.mil or visit http://www.usamraa.army.mil/pages/Baa_Paa/baa_04_1.cfm for more information.

Applications are accepted on a continuous basis The Esther A. and Joseph Klingenstein Fund, Inc., was established by Esther and Joseph Klingenstein as a vehicle for expressing their personal philanthropic interests. As an outgrowth of its major interests, the fund has developed a program emphasizing the appropriate use of animal-based research for the advancement of both human and animal health. Award amount is unspecified. Visit <http://www.klingfund.org/program.php> for more information.

09/01/2004 The Pharmaceutical Research and Manufacturers of America (PhRMA) Foundation Pharmacology/Toxicology Research Starter Grants are intended to support career-development activities of scientists prepared to engage in research that integrates information on molecular or cellular mechanisms of action with information on the effects of an agent observed in an intact organism, either in experimental animal or clinical studies or both. The purpose of the PhRMA Foundation Research Starter Grants is to offer financial support to individuals beginning their independent research careers at the faculty level. Award amount is \$30,000 per year for up to two years. Applicants must hold the rank of instructor or assistant professor or the equivalent of an investigator at the doctoral level. E-mail foundation@phrma.org or visit <http://www.phrmafoundation.org/> for more information.

09/01/2004 The Barbara Delano Foundation (BDF) Conservation and Habitat Protection Grants support the conservation and habitat protection of the following animals: bears, elephants, exotic birds, great apes, large cats, marine mammals, marine turtles, rhinos, and sharks. BDF prefers to support organizations that focus on fieldwork and avoid heavy administrative costs. BDF only supports research directly related to the implementation of a conservation program. BDF only accepts proposals for programs outside the United States, primarily in developing countries; citizenship and activity location are unrestricted. **Letters of inquiry are due on 09/01/2004.** E-mail bdffoundation@usa.net or visit <http://www.bdffoundation.org/applicants.html> for more information.

09/01/2004 The National Institute of Allergy and Infectious Diseases/NIH/DHHS requests applications for Innovation Grants for AIDS research. Support is provided to bring new, scientifically challenging and untested ideas into AIDS research, including therapeutics discovery, microbicide discovery, and pathogenesis research. Applicants may request up to two years of support and up to \$150,000 per annum in direct costs. E-mail Nabila Wassef at nwassef@niaid.nih.gov or visit <http://grants.nih.gov/grants/guide/pa-files/PA-02-046.html> for more information.

09/01/2004 The Arthritis Foundation USA postdoctoral fellowship is intended to encourage qualified physicians and scientists to embark on careers in research related to the understanding of arthritis and rheumatic diseases. Ninety percent of the fellow's time must be devoted to arthritis research. Fellowships are offered for two years with a possible third year issued after competitive renewal. Award amount is \$50,000 per year for salary and fringe benefits. Applicants must have received a PhD, MD, DO, DVM, or equivalent degree from an accredited institution. E-mail Grantsupport@arthritis.org or visit <http://www.arthritis.org/research/ProposalCentral.asp#train> for more information.

09/01/2004 The Cystic Fibrosis Foundation (CFF) research grants are intended to encourage the development of new information that contributes to the understanding of the basic etiology and pathogenesis of cystic fibrosis. In addition, consideration will be given to those projects that may contribute to the development of new therapies for CF. All proposals must be hypothesis driven and sufficient preliminary data must be provided. Award upper amount is \$180,000 and new or established investigators are eligible. Applicant must be a PhD, MD, or other professional. E-mail info@cff.org or visit http://www.cff.org/research/research_grants.cfm for more information.

09/14/2004 The Department of Health and Human Services, National Institutes of Health, National Institute of Dental and Craniofacial Research (NIDCR) encourage multidisciplinary research on the oral complications of HIV infection and their prevention that crosses several academic disciplines (e.g., virology, immunology, cell biology, pathology, epidemiology, biochemistry, pharmacology, medical imaging, etc.). It is anticipated that this research will increase our knowledge of the basic mechanisms involved in the pathogenesis of the oral disorders associated with AIDS and that it will identify novel strategies for prevention, treatment, and diagnosis of the oral manifestations of AIDS. Although not required, prospective applicants are asked to submit a **letter of intent by August 17, 2004**. Award upper amount is \$5,500,000. E-mail Mostafa Nokta at Mostafa.Nokta@nih.gov or visit <http://grants.nih.gov/grants/guide/rfa-files/RFA-DE-05-003.html> for more information.

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09/15/2004 **The Alliance for Cancer Gene Therapy (ACGT)** funds research aimed at furthering the development of gene therapy approaches to the treatment of cancer. To this end, ACGT offers its Young Investigator Award to qualified scientists at the assistant professor level who are working in the field of cancer gene therapy. Award upper amount is \$500,000 over a three-year period. Visit <http://www.acgtfoundation.org> for more information.

09/15/2004 **The Hans Neurath Award** is offered by the Protein Society and was established to recognize and honor a single individual who has made a recent contribution of unusual merit to basic research in the field of protein science, including but not restricted to the chemistry, design, folding, structure, or the biological function of proteins. This \$15,000 award is intended for original and singular discoveries rather than for cumulative or lifetime contributions. Recipient must be a PhD, MD, or other professional. Visit <http://www.proteinsociety.org/awards/neurath.htm> for more information.

09/15/2004 **The Fats and Proteins Research Foundation, Inc.** offers funding for research proposals that address biosecurity, new use applications for rendered animal protein and fat products and their expanded use as feed ingredients. Award amount is unspecified. E-mail Gary Pearl at gpearl@fprf.org or visit <http://www.fprf.org/projects/proposals.htm> for more information.

09/15/2004 **The Leukemia & Lymphoma Society Career Development Program** offers the Scholar Award to PhD, MD, or other professionals. The Society is a national voluntary health agency dedicated to the conquest of leukemia, lymphoma, and myeloma through research. Through its research program, the society hopes to encourage and promote research activity of the highest quality. The Scholar Award is intended to develop research careers, not to support well-established, tenured, or senior investigators. The program is designed to aid the individual, rather than the project, and to encourage continued investigations in the field while assuring the investigator an income. Award amount is \$550,000. E-mail researchprograms@leukemia-lymphoma.org or visit http://www.leukemia-lymphoma.org/all_page?item_id=11618 for more information.

09/15/2004 **The March of Dimes Birth Defects Foundation Prize in Developmental Biology** is awarded to investigators whose research has profoundly advanced the science that underlies the understanding of birth defects. Applicants must be a PhD, MD or other professional. Award amount is \$250,000. E-mail mkatz@marchofdimes.com or visit http://www.marchofdimes.com/professionals/691_1442.asp for more information.

09/24/2004 **The Searle Scholars Program** makes grants to universities to support the independent research of outstanding individuals who are pursuing research careers in biochemistry, cell biology, genetics, immunology, neuroscience, and pharmacology, as well as related areas in chemistry, medicine, and the biological sciences. No more than two applications will be accepted from any one institution; candidates must contact their research offices for internal coordination. Award amount is \$80,000 per year for three years. E-mail Douglas Fambrough at ssp@jhu.edu or Mary Tarpey at mary.tarpey@kinshiptrustco.com, or visit <http://searlescholars.net/apply/index.html> for more information.

09/25/2004 **The National Institutes of Health (NIH)** announces the Biodefense and Emerging Infectious Disease Research Opportunities program. This program is intended to encourage the submission of investigator-initiated research grant applications in biodefense. The goal is to expedite research leading to the diagnosis, prevention and treatment of diseases caused by potential bioterrorism agents with the ultimate goal of developing effective diagnostics, vaccines and therapeutics to protect the public health. Visit <http://www2.niaid.nih.gov/biodefense/rfalplat.htm> for more information.

09/27/2004 **The University of California, Berkeley, Industry-University Cooperative Research Program (IUCRP), UC Discovery Grants** help California maintain its leadership position in the biological revolution that began in the latter part of the 20th century. California is home to one third of the nation's biotechnology firms and has more biotech jobs than all of the other states combined. The UC Discovery Grant's research projects in biotechnology will help the state keep existing companies, attract more, and create additional new, high paying jobs. Focus areas within biotechnology include: agriculture, biomaterials, engineering, environmental sciences, marine sciences, medicine, veterinary, and stem cell research. Award amount is no less than \$50,000. Visit <http://uc-industry.berkeley.edu/fields/biotech.htm> for more information.

09/30/2004 **The President's National Medal of Science** was established in 1959 as a Presidential Award to be given to individuals "deserving of special recognition by reason of their outstanding contributions to knowledge in the physical, biological, mathematical, or engineering sciences. In 1980 Congress expanded this recognition to include the social and behavioral sciences. Criteria and nomination procedures can be viewed at <http://www.fastlane.nsf.gov/honawards/>. For additional information on the award program or nomination process, visit <http://www.nsf.gov/nsb/awards/nms/medal.htm>.

Juanita Humphrey
Assistant Dean – Research Development

To contact the Dean's office for any information on the above items please e-mail
Nicole Gibson at nagibson@ucdavis.edu or call 530-754-7746.