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# Research Horizons December 2008

UNIVERSITY OF COLORADO DENVER

## Natural & Mathematical Sciences Deadlines



Welcome to the Natural & Mathematical Sciences Deadlines section of the newsletter. It is a **comprehensive** listing of all upcoming deadlines for March & April, 2009. Of course, this deadline listing is only a static attempt to assist faculty in funding opportunity identification. Deadlines change and new ones are added after publication. Please feel free to contact ORDE for a customized fund search based on your specific research interests at [research.services@ucdenver.edu](mailto:research.services@ucdenver.edu).

For additional information on any of the opportunities listed, please contact Lynette Michael, ORDE Director, at 303-315-5822 or via e-mail at [lynette.michael@ucdenver.edu](mailto:lynette.michael@ucdenver.edu).

**A Note on NIH AIDS-Related Deadlines:** Many of the NIH opportunities listed in this publication under the standard deadline dates also have corresponding AIDS-related deadlines as outlined in the specific program announcements or requests for applications. Standard AIDS-related research deadlines are January 7<sup>th</sup>, May 7<sup>th</sup> and September 7<sup>th</sup>.

3/1/2009

### AMERICAN RHODODENDRON SOCIETY

#### Research Grants

Funds research projects that will yield practical benefits for growing or enjoying rhododendrons or yield new insights into the biology, geographical distribution or history of species or hybrids

<http://www.rhododendron.org/researchgrants.htm>

3/1/2009

### AMERICAN SOCIETY OF ICHTHYOLOGISTS & HERPETOLOGISTS

#### Raney Fund Award

Sponsor makes awards to support young ichthyologists for museum or laboratory study, travel, fieldwork or any other activity that will effectively enhance their professional careers and contribute to the field; applicants should be enrolled for an advanced degree

<http://www.asih.org>

## NIH Award Mechanisms

**R01** = Research Grants

**R03** = Small Grants

**R13/U13** = Conference/Scientific Meeting Support

**R21** = Exploratory / Developmental Research Grants

**R24** = Research Resource

**R33** = Exploratory/Developmental Grants Phase II

**R34** = Clinical Trial Planning Grant

**R36** = Dissertation Award

**P01** = Program Project Grant

**K** = Various Career Awards



Research Horizons is a publication of ORDE, reporting to the Vice Chancellor for Research. Lynette Michael, ORDE Director, is the Editor. For additional information and/or application materials for opportunities listed in this newsletter, please contact Lynette at 303-315-5822 or [lynette.michael@ucdenver.edu](mailto:lynette.michael@ucdenver.edu).

3/2/2009

**NATIONAL SCIENCE FOUNDATION**  
Ethics Education in Science & Engineering (NSF 08-530)

Focus is on improving ethics education for graduate students in all fields of science & engineering supported by NSF

3/2/2009

**NATIONAL SCIENCE FOUNDATION**  
Partnerships for Enhancing Expertise in Taxonomy (PEET) (NSF 07-519)

Supports projects that target groups of poorly known organisms for modern monographic research; projects must train new taxonomists & must translate current expertise into electronic databases & other products widely available to the scientific community

3/17/2009

**NATIONAL SCIENCE FOUNDATION**  
Petascale Computing Resource Allocations (PRAC) (NSF 08-529)

Through this solicitation, NSF invites research groups with compelling science or engineering challenges that require petascale computing resources to solve to submit requests to use a new NSF-funded petascale computing system called Blue Waters (which will be located at the University of Illinois)

3/23/2009

**NATIONAL INSTITUTES OF HEALTH**  
Shared Instrumentation Grant Program (S10) (PAR-09-028)

Soliciting applications from groups of NIH-supported investigators to purchase or upgrade commercially available instruments that cost at least \$100,000; maximum award is \$500,000; types of instruments supported include confocal & electron microscopes, biomedical imagers, mass spectrometers, DNA sequencers, biosensors, cell sorters, X-ray diffraction systems & NMR spectrometers; eligible groups consist of 3 or more NIH funded investigators who will be users of the requested instruments

3/31/2009

**CAPTAIN PLANET FOUNDATION**  
Grants Program

Small grants to support hands-on environmental projects for youth in grades K-12; objective is to encourage innovative activities that empower children around the world to work individually & collectively as environmental stewards

<http://captainplanetfdn.org>

3/31/2009

**WORLD COMMUNITY GRID**  
Request for Proposals

Public & not-for-profit organizations are invited to apply to use the sponsor's powerful grid technology at no cost for project that benefit humanity; the sponsor's grid technology enables researchers to access tremendous amounts of power, exceeding that of several supercomputers, to run complex computations & accelerate pace of research; specific emphasis areas of the sponsor include research on cures for HIV/AIDS, SARS, malaria, earthquake predictions, information on improving crop yields, evaluation of the supply of natural resources such as water, meteorology & severe weather prediction, pollution remediation, climate modeling

<http://www.worldcommunitygrid.org>

4/1/2009

**CACTUS & SUCCULENT SOCIETY OF AMERICA**

Research Grants

Small grants for studies to discover new species or forms; to discover new ecological associations; to increase knowledge of taxonomy, nomenclature & biogeography, cultivation, conservation

<http://www.cssainc.org>

4/1/2009

**FRED GLOECKNER FOUNDATION**

Small Grants in Floriculture & Related Fields  
Provides funding for research & educational efforts in floriculture & allied fields such as agricultural economics, agricultural engineering, entomology, plant breeding, plant pathology & plant physiology related to floriculture

<http://www.gloecknerfoundation.org>

# Deadlines

PAGE 3

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4/1/2009  
PSYCHOLOGICAL SOCIETY OF AMERICA  
Grants-in-Aid of Research in Psychology  
Supports graduate student research in psychology  
<http://www.psaalgaе.org>

4/8/2009  
NATIONAL INSTITUTES OF HEALTH  
National Research Service Awards - Individual Kirchstein Postdoctoral Fellowships (F32) (PA-07-107)

4/8/2009  
NATIONAL INSTITUTES OF HEALTH  
National Research Service Awards - Senior Kirchstein Fellowships (F33) (PA-07-172)  
Allows established biomedical researchers, defined as those with 7 or more years of research experience beyond the doctorate & who have progressed to the independent investigator state, to participate in training opportunities in other laboratories to obtain new technical skills or knowledge; in most cases, this award is used to support sabbatical experiences for established independent scientists

4/12/2009  
NATIONAL INSTITUTES OF HEALTH  
Conference Grants (R13/U13) (PA-08-149)

4/15/2009  
NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES  
Superfund Basic Research & Training Program (P42) (ES-08-005)  
Provides support for coordinated, multi-project, interdisciplinary research programs to address (1) methods & technologies to detect hazardous substances in the environment, (2) advanced techniques for detection, assessment & evaluation of effect on human health of hazardous substances, (3) methods to assess risks to human health presented by hazardous substances & (4) basic biological, chemical & physical methods to reduce amount & toxicity of hazardous substances

4/15/2009  
WHITEHALL FOUNDATION  
Grants-in-Aid  
Required letters-of-intent due on this date; the Foundation supports basic research in neurobiology & the Grants-in-Aid Program is targeted at investigators at the assistant professor level  
<http://www.whitehall.org/>

4/15/2009  
WHITEHALL FOUNDATION  
Research Grants  
Required letters-of-intent due on this date; the Foundation supports basic research in neurobiology & the Research Grants Program is open to established scientists of all ages  
<http://www.whitehall.org/>