In addition, all previous issues may be viewed from the NIH Extramural Nexus web page.

NIH Budget and Fiscal policy for FY2010

Back in December President Obama signed into law the (FY) 2010 Omnibus Appropriation Act (Public Law 111-171) providing NIH with its FY2010 31 billion budget. More information is available in the NIH Fiscal Policy notice (NOT-OD-10-039) and on the institutes funding strategies web page. Note that awards (new or continuation) that were released in FY2010 (on or after October 1, 2009) before NIH budget approval may be revised to adjust the funding amount.

NEW application forms and instructions:

Starting January 25, 2010 all NIH applications should comply with the restructured format, as previously announced. The new parent announcements are available on the NIH website along with new applications instructions, for either electronic submission, ADOBE-FORMS-B, or paper submission PHS-398.

Error correction window extended (NOT-OD-10-042): NIH, AHRQ, FDA and CDC are temporarily extending the electronic application error correction window (the time allowed after the submission deadline to correct errors/warnings identified by the eRA system) to five business days for all electronic applications intended for submission deadlines on and between January 25, 2010 and May 7, 2010. The temporary five day window is being used to accommodate the January 25 transition to new application forms and instructions, part of the implementation of the NIH “Enhancing Peer Review” initiative.
Reminder: NSF Policy Changes in Effect January 2010

FastLane or Grants.gov
NSF has reinstated the option to prepare and submit proposals via either use of Grants.gov or the NSF FastLane system.

Cost Sharing – changes on the way: NSF’s current cost sharing policy remains in effect
In August, 2009 The National Science Board issued a report entitled “Investing in the Future NSF Cost Sharing Policies for a Robust Federal Research Enterprise,” found on the NSF web site which outlined a set of recommendations regarding NSF cost sharing policy. The Foundation is in the process of considering how best to implement the recommendations; however, no changes have been made yet.

Best Practices for Ensuring Scientific Integrity and Preventing Misconduct
NSF suggests that the Organization for Economic Cooperation and Development (OECD) report on research integrity may be helpful to proposers.

When to Submit Proposals
If the deadline date falls on a weekend, it will be extended to the following Monday; if a deadline date falls on a Federal holiday, the deadline is extended to the following business day.

Public Chapter
Within 90 days following expiration of the grant, PIs will need to produce a project outcomes report which must be submitted electronically via Research.gov. This report serves as a brief summary, prepared specifically for the public, of the nature and outcomes of the project.

Conflict of Interest Policies - Subawardees
Conflict of Interest Policies have been supplemented with language on applicability of such policies to subawardees and the like. Subawardees must either have their own policy that complies with NSF’s conflict of interest policy or they must follow the prime institution’s policies.

Postdoctoral Researcher Mentoring Plan
All proposals that include support for a postdoctoral researcher must include a mentoring plan in the Supplementary Documentation section of the proposal.
Failure to do so will result in the return of the proposal without review. See the following resources for addressing applications requiring mentoring:

Dartmouth College Postdoctoral Mentoring Plan
http://www.dartmouth.edu/~osp/resources/mentoring.html

Important Update from NSF: At the January meeting of the Federal Demonstration Partnership in DC, NSF announced the following concerning mentoring plans:
Beginning in April 2010, FastLane will check for the mentoring requirement of the America COMPETES Act (ACA). Each proposal that requests funding to support postdoctoral researchers must include a mentoring plan as supplementary document. Just like other proposal documents, on the same page, FastLane will provide a link to upload the Mentoring Plan. If the Postdoc line in the budget is greater than zero and the mentoring plan is not included, FastLane will not allow the proposal to be submitted. Programs Officers are including the mentoring requirement in their solicitations where appropriate. Also see NSF’s Grant Proposal Guide GPG Chapter II.C.2.j for the types of information appropriate for submission in this section, as required.
Dartmouth Announces Guidance for NSF Responsible Conduct of Research Requirements

As of January 2010, NSF requires that Institutions have in place a program of appropriate training and oversight in the responsible and ethical conduct of research to undergraduates, graduate students, and postdoctoral researchers who will be supported by NSF to conduct research. Dartmouth College has developed the following plan to meet these requirements.


Graduate Students
All first year graduate students are required to complete the Professional Ethics Program.
Information can be found in the Graduate Studies Office and on-line at:

Post Docs: (3 options)
1) Post docs who have completed the “Train the Trainer” portion of the Professional Ethics Program will have met the NSF RCR requirements.

2) On-line training by Collaborative Institutional Training Initiative (CITI) consisting of Research modules for: Biomedical; Social & Behavioral Studies; Physical Science; and Humanities. Within each module are seven sections: Introduction; Research Misconduct; Data Acquisition and Management; Peer Review; Mentor & Trainee Responsibilities; Conflict of Interest; and Collaborative Research.

This program meets the requirement for NSF RCR training for graduate students.

3) Presentation: The Office of the Provost and the Office of Sponsored Projects will offer a 90 minute presentation to provide an overview of the elements of Responsible Conduct in Research described above.

Undergraduate Students: Options (2) or (3) above will fulfill the undergraduate requirement.
The PI has the responsibility to help the student register for the option that she/he wishes to take.

For more information, contact:
Jill Mortali, Director of Sponsored Projects, or Elizabeth Bankert, Office of the Provost for additional information
http://www.dartmouth.edu/~osp/resources/RCR/

Human Frontier Science Program Organization
HFSP Research Grants
Junior Faculty, Senior Scientist/Faculty
Research grants are provided for teams of scientists from different countries who wish to combine their expertise to approach questions that could not be answered by individual laboratories. Emphasis is placed on novel collaborations that bring together scientists from different disciplines (e.g. from chemistry, physics, computer science, engineering) to focus on problems in the life sciences. The research teams must be international. The principal applicant must be from one of the eligible countries. However, other participating scientists and laboratories may be situated anywhere in the world.
Registration for password by March 22, 2010. Submission of letter of intent by March 31, 2010
http://www.hfsp.org/how/appl_form.php?CFID=8893645&CFTOKEN=29126777

"It is a Principal Investigator’s responsibility to inform undergraduate students, graduate students or postdoctoral fellows paid from NSF funds of the mandatory RCR training.

The Principal Investigator should also help individuals select the most appropriate option. While this new requirement only applies to NSF funded lab personnel, we encourage RCR training for all researchers.”

Martin Wybourne,
Vice Provost for Research

Upcoming Sessions on Responsible Conduct of Research:
Tuesday, February 16th from 3-5: 758 Borwell

Tuesday, February 23rd from 3-5: DCAL (in Baker Library)
**PreAward Corner: Deadline Stats Look Positive**

Early in 2009, we initiated a new proposal deadline policy: (a) we no longer required the complete final proposal for our review; (b) the deadline for submitting review materials to OSP changed to seven (7) business days prior to the sponsor deadline; and (c) the final proposal when submitted by OSP (most e-proposals) was due at OSP two days prior to the sponsor deadline by 9am.

By narrowing the required review materials to the budget/business portion of the proposal (see [http://www.dartmouth.edu/~osp/submitting/deadlines.html](http://www.dartmouth.edu/~osp/submitting/deadlines.html) for full description), our new deadline policy significantly decreased the most cited reason for late proposals to OSP: that the investigator required more time to complete the research plan.

By July 2009, the new policy increased the timeliness of proposal submissions to OSP. 60% -80% of all proposals met the 7 day deadline for submission of review materials. We submitted 90% of final proposals two days prior to the sponsor deadline and the number of proposals submitted to OSP the same day or the day before the deadline dramatically declined. Faculty support of the deadline policy has helped us meet the needs of all investigators instead of having to focus on pushing through late proposals at the last minute risking missing the deadline.

We understand that investigators are occasionally made aware of an opportunity near the submission deadline by colleagues from other institutions and from sponsor program directors. We will always do our best to review and submit your proposal before the sponsor deadline. However, late proposals run the risk that incorrect information will prevent submission, reflect poorly on the quality of the proposal, or cause post-award problems.

When your proposal is likely to miss an OSP deadline, we appreciate advance warning. If late proposals become the norm, we will remind you of why we have a deadline policy and urge your cooperation. Our goal is to provide quality assistance to all principal investigators which requires a planned, organized approach to proposal submissions. In FY09 we saw an increase of 50% in the number of proposals submitted. Your cooperation is essential for us to continue providing the same level of service. Thanks for your help.

<table>
<thead>
<tr>
<th>Submission Type</th>
<th>Due Date (# business days PRIOR to sponsor deadline)</th>
<th>Items Required for Submission to OSP</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Proposals, electronic and paper submissions</td>
<td>7 Business Days 9:00 am</td>
<td>Proposal Review Materials Due at OSP(e-materials preferred)</td>
</tr>
<tr>
<td>Electronic submissions only</td>
<td>2 Business Days 9:00 am</td>
<td>Final Proposal Package for Submission with research plan now “ready to go”</td>
</tr>
</tbody>
</table>

**Dartmouth Sponsored Stats**

<table>
<thead>
<tr>
<th>Total Dollar Value of ARRA Awards</th>
<th>$39,076,611</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Expenditures Sponsored FY09</td>
<td>$183,403,852</td>
</tr>
<tr>
<td>Award Total FY09</td>
<td>$168,864,990</td>
</tr>
<tr>
<td>Total Dollar Value of Proposals FY08</td>
<td>$641,947,845</td>
</tr>
<tr>
<td>Total Dollar Value of Proposals FY09</td>
<td>$867,433,516</td>
</tr>
</tbody>
</table>
OSP Blog

In an effort to streamline communication, OSP has started an on-line blog that will include funding opportunities and other timely news updates. The long term goal of the blog is provide a more effective and efficient way of getting news out to faculty and staff.

Currently, OSP uses the OSP website and email lists to circulate all news items. As we all know, updating and maintaining a website can be labor intensive and requires users to actively monitor content.

The OSP website serves us well as a repository for policies and other information. However, it relies on the reader to check back periodically to see what’s new.

The blog is intended to allow real time notification of news items. Please check out the blog at www.dartospfunding.blogspot.com. We appreciate feedback on the blog and any other suggestions about how OSP can provide timely and relevant information on funding opportunities, policy changes or other news items.

A really effective way to use a blog is to subscribe and link the updates to your web browser or other news reader. Both the OSP web site and the OSP blog use RSS (Really Simple Syndication), which allows users to subscribe to a wide variety of content, such as news headlines, weblogs, events, etc. Content is delivered to the user as a list of headlines that link to the full story.

Funding Opportunity Resources:

Science Careers from Science Magazine, How to Get Funding, http://sciencecareers.sciencemag.org/tools_tips/how_to_series/how_to_get_funding


Community of Science, search the world’s most comprehensive funding resource, with more than 25,000 records worth over $33 billion, http://www.cos.com/


How to Use a Blog:

Though there are several different ways to view RSS feeds, the most common is to download a news reader (also called "news aggregators") to display the RSS feeds which you choose to follow. There are many of these programs available online, and most are free and simple to use. Once installed onto your computer, you use the news reader to subscribe to each RSS feed.

Cancer Research Institute, Investigator Award Program. The Investigator Award provides $50,000 per year for four years. Due March 1, 2010. [Link](http://www.cancerresearch.org/programs/research/investigator-award.html)

Charles H. Hood Foundation Child Health Research. Two-year grants of $150,000 ($75,000 per year inclusive of 10% indirect costs) are awarded to researchers who are within five years of their first faculty appointment by the funding start date. Applicants must be working in nonprofit academic, medical or research institutions within the six New England states. Due 3/26/2010. [Link](http://www.hria.org/tmfservices/tmfgrants/hood.html)

Department of Defense Breast Cancer Research Program

<table>
<thead>
<tr>
<th>Award Mechanism</th>
<th>Eligibility</th>
<th>Key Mechanism Elements</th>
<th>Funding</th>
<th>Submission Deadlines</th>
</tr>
</thead>
<tbody>
<tr>
<td>Postdoctoral Fellowship Award</td>
<td>Principal Investigator: Doctoral graduates (PhD or MD)</td>
<td>• Supports the training of exceptionally talented recent doctoral graduates</td>
<td>Maximum funding of $300K (up to $100K per year) for direct costs</td>
<td>Pre-application (Letter of Intent): March 24, 2010 5:00 p.m. Eastern time</td>
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<tr>
<td></td>
<td>No more than 2 years in the proposed research setting and no more than 4 years’ postdoctoral research experience</td>
<td>• Proposed research should be innovative and have the potential for high impact</td>
<td>Maximum period of performance is 3 years</td>
<td>Confidential Letters of Recommendation: April 7, 2010 5:00 p.m. Eastern time</td>
</tr>
<tr>
<td></td>
<td>Mentor or formal co-mentor: Must have breast cancer experience, to include current funding and publications</td>
<td>• Multidisciplinary training encouraged</td>
<td></td>
<td>Application: April 7, 2010 11:59 p.m. Eastern time</td>
</tr>
</tbody>
</table>


NIH, Recovery Act Limited Competition: NIH Director’s Opportunity for Research in Five Thematic Areas (RC4) - RFA-OD-10-005 (Recovery Act, ARRA). This FOA will utilize the NIH RC4 award mechanism. Only applications with budgets greater than $500,000 total costs per year for a project period of three years are expected to be considered. Applications must be submitted by March 15, 2010. [Link](http://grants.nih.gov/grants/guide/rfa-files/RFA-OD-10-005.html)
American Cancer Society (ACS), TITLE: Research Scholar Grants in Cancer Control: Health Services and Health Policy Research DEADLINE: April 1, 2010, October 15, 2010. Awards are for four years and for as much as $200,000 per year (direct costs), plus 20 percent allowable indirect costs. Applicants must at the time of application be United States citizens, noncitizen nationals, or permanent residents of the United States. These grants provide support for independent, self-directed researchers at any stage of their careers to conduct research projects centered on health services and health policy aspects of cancer control research.

http://www.cancer.org/docroot/RES/content/RES_5_2x_Research_Scholar_Grants_For_Health_Services_and_Health_Policy_and_Outcomes_Research.asp?sitearea=RES

American Cancer Society (ACS) Research Scholar Grants in Basic, Preclinical, Clinical, and Epidemiology Research DEADLINE: April 1, 2010, October 15, 2010. These grants provide support for independent, self-directed researchers in the first six years of their independent research careers to conduct basic, preclinical, clinical, and epidemiology research projects. URL: http://www.cancer.org/docroot/RES/content/RES_5_2x_Research_Scholar_Grants_for_Beginning_Investigators.asp?sitearea=RES


Autism Speaks (AS) Pilot Research (Pilot Study) DEADLINE: April 22, 2010 ABSTRACT: Autism Speaks (AS) invites grant applications to conduct biomedical research pilot studies into the causes, diagnosis, treatment, prevention, and cure of autism spectrum disorders (ASD).

BOOKMARK URL: http://fundingopps.cos.com/cgi-bin/getRec?id=102784

March of Dimes Birth Defects Foundation DEADLINE: April 30, 2010 ABSTRACT: The March of Dimes invites qualified scientists to submit applications for research grants directed at the prevention of birth defects. Research subjects appropriate for support by the March of Dimes include basic biological processes governing development, genetics, clinical studies, studies of reproductive health, environmental toxicology, and social and behavioral studies. URL: http://www.marchofdimes.com/professionals/691_14434.asp

National Aeronautics and Space Administration TITLE: Origins of Solar Systems - NNH09ZDA001N-SSO (NASA) DEADLINE: April 8, 2010, May 22, 2010 This program element solicits basic research proposals to conduct scientific investigations related to understanding the formation and early evolution of planetary systems and to provide the fundamental research and analysis necessary to detect and characterize other planetary systems. URL: http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId=%7B777C9A3A8-C50D-F1A5-CC42-8CE5BF9BD0B%7D&path=open

National Aeronautics and Space Administration (NASA) Planetary Atmospheres - NNH09ZDA001N-PATM DEADLINE: April 24, 2010, June 19, 2010 ABSTRACT: The Planetary Atmospheres program supports scientific investigations that contribute to the understanding of the origins and evolution of the atmospheres of planets and their satellites, and of comets. Its broad objectives include the determination of compositions, dynamics, and chemical behaviors of planetary atmospheres. URL: http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId=%7bDAF39B81-95B1-D884-3493-546CA1D49C29%7d&path=open

Grant Foundation, William T. Field-Initiated Grants, April 1, 2010, September 9, 2010 The foundation supports research to understand and improve the settings of youth ages 8 to 25 in the United States. URL: http://www.wtgrantfoundation.org/funding_opportunities/research_grants