

Subject: News from NIDCR
Date: Wednesday, June 30, 2010 10:34 AM
From: Gloria S. Abdin <abdin@uthscsa.edu>
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Conversation: News from NIDCR

MESSAGE SENT ON BEHALF OF
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From: Newsletter for the NIDCR communities [NIDCR-NEWSLETTER@LIST.NIH.GOV] On Behalf Of Johnson, Susan (NIH/NIDCR) [E] [johnsonS@OD31.NIDR.NIH.GOV]
Sent: Thursday, June 24, 2010 9:55 AM
To: NIDCR-NEWSLETTER@LIST.NIH.GOV
Subject: News from NIDCR

News from NIDCR (National Institute of Dental and Craniofacial Research, NIH)



E-Newsletter: June 24, 2010

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American Reinvestment and Recovery Act News



HHS Secretary Announces \$1 Billion in NIH Recovery Act Awards for Facilities

U.S. Health and Human Services Secretary Kathleen Sebelius announced in May that one billion dollars of American Recovery and Reinvestment Act funds have been awarded to construct, repair and renovate scientific research laboratories and related facilities across the country. A total of 146 grants to institutions in 44 states, the District of Columbia and Puerto Rico were awarded to upgrade and construct buildings, laboratory spaces and core facilities that are crucial to biomedical and behavioral investigators.

Additional details are found at:

<http://www.nih.gov/news/health/may2010/ncrr-14.htm>

Funding Opportunity News

NIDCR Issues New Institutional Training Funding Opportunity Announcements (FOAs)

On April 16, NIDCR issued two institutional training FOAs:

The Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Training for a Dental and Craniofacial Research Workforce (T32)

<http://grants.nih.gov/grants/guide/pa-files/PAR-10-171.html>

Institutional Training for a Dental and Craniofacial Research Workforce (T90/R90)

<http://grants.nih.gov/grants/guide/pa-files/PA-10-170.html>

Both awards provide support to eligible institutions to encourage research training opportunities for individuals interested in pursuing independent research careers in dental, oral, and craniofacial research. The T32 award is for institutions that propose to provide training opportunities only for U.S. citizens or permanent residents. The T90/R90 award is for institutions that propose to provide training opportunities not only for U.S. citizens and permanent residents, but also for foreign-trained dentists who are not U.S. citizens or permanent residents.

Institutions applying for new or competitive renewal institutional training grant funding may apply for either the T32 or the T90/R90, but not both. The decision as to which FOA to apply for should be based solely on an applicant institution's interest in providing training to non-citizens. Review criteria are the same for each FOA and all applications will be reviewed in a single study section. See additional information about the FOAs:

<http://www.nidcr.nih.gov/CareersAndTraining/Fellowships/Institutions/>

i6 Challenge to Bring Innovative Ideas to Market

i6 Challenge logo



The U.S. Department of Commerce's Economic Development Administration (EDA) has announced a new \$12 million innovation competition, in partnership with the NIH and the National Science Foundation (NSF). EDA will award up to \$1 million to each of six teams around the country with the most innovative ideas to drive technology commercialization and entrepreneurship. NIH and NSF will award a total of up to \$6 million in additional funding to NIH or NSF Small Business Innovation Research grantees associated with winning teams. Entrepreneurs, investors, universities, foundations, and non-profits are encouraged to participate in the i6 Challenge. The deadline

for applications is July 15, 2010. See additional information at:

<http://www.eda.gov/i6>

Comments Sought on Financial Conflict of Interest Notice

A Notice of Proposed Rulemaking that proposes a general revision to the existing regulations regarding financial conflict of interest is open for public comment until July 20th. Instructions for submitting comments are found at:

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-10-099.html>

Partnerships between NIH-funded researchers and industry are often essential to the process of moving discoveries from bench to bedside. However, managing financial conflicts of interest can be a major challenge because of the complex relationships among government, academia, and industry. The Notice of Proposed Rule Making focuses on three areas in particular:

- Investigators' disclosure of information regarding significant financial interests to institutions;
- Institutions' management of identified financial conflicts of interest (FCOI) and reporting of conflicts to NIH and other PHS agencies;
- Public disclosure of information regarding investigator FCOI.

Additional information about the Notice of Proposed Rule Making is available at:

<http://edocket.access.gpo.gov/2010/pdf/2010-11885.pdf>

A replay of a telebriefing on this topic by NIH Director Francis Collins may be viewed at:

<http://ocplmedia.od.nih.gov/nihradio/NIHtelebrifing-2010.05.20.mp3>

New Videos Reveal How NIH Identifies the Most Promising Research Applications

The NIH Center for Scientific Review (CSR) has released a video--NIH Peer Review Revealed--to show new applicants and others how NIH assesses over 80,000 grant applications each year to help find those with the most merit. CSR also has released a companion video: NIH Tips for Applicants. In this video, reviewers and NIH staff members featured in the NIH Peer Review Revealed video provide advice to new applicants. Both videos may be viewed at:

<http://www.csr.nih.gov/video/video.asp>

PROGRAM ANNOUNCEMENTS

AIDS

Title	NIH Guide	PA Number	NIDCR Contact	Expiration Date
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AIDS International Training and Research Program (AITRP) (D43)	6/18/10	PAR-10-219	Isaac Rodriguez-Chavez 301-594-7985	8/17/12
PHASE II IICOHRTA AIDS/TB Research Training Program (U2R)	6/18/10	PAR-10-218	Isaac Rodriguez-Chavez 301-594-7985	8/17/12

Neurobiology/Pain

Title	NIH Guide	PA Number	NIDCR Contact	Expiration Date
NIH Blueprint for Neuroscience Research Competitive Revisions for Studies Focused on Neuropathic Pain or Neural Plasticity to Promote Collaborative Pain Research (R01)	5/21/10	PAR-10-204	John Kusiak 301-594-7984	9/29/12

NIH Roadmap

Title	NIH Guide	PA Number	NIDCR Contact	Expiration Date
Assay Development for High Throughput Molecular Screening (R21)	4/30/10	PAR-10-182	Lillian Shum 301-594-	10/30/10

Training

Title	NIH Guide	PA Number	NIDCR Contact	Expiration Date
Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Training for a Dental and Craniofacial Research Workforce (T32)	4/16/10	PAR-10-171	Kevin Hardwick 301-594-2765	1/08/13
Institutional Training for a Dental and Craniofacial Research Workforce (T90/R90)	4/16/10	PAR-10-170	Kevin Hardwick 301-594-2765	1/08/13

REQUESTS FOR APPLICATIONS

Neurobiology/Pain

Title	NIH Guide	RFA Number	NIDCR Contact	Application Receipt Date
NIH Blueprint for Neuroscience Research Grand Challenge on the Transition from Acute to Chronic Neuropathic Pain (R01)	5/07/10	RFA-DE-11-002	John Kusiak 301-594-7984	9/29/10
NIH Blueprint for Neuroscience Research Grand Challenge: Developing Novel Drugs for Disorders of the Nervous System (U01)	5/05/10	RFA-NS-11-002	John Kusiak 301-594-7984	8/10/10

NOTICES

Title	NIH Guide	Notice Number
Enhancing Peer Review: Advance Notice on Post-Submission Application Materials for NIH Training and Related Applications	6/11/10	NOT-OD-10-104
My NCBI Tool to Replace eRA Commons for Bibliography Management	6/10/10	NOT-OD-10-103
Request for Information (RFI) on the NIH Plan to Develop the Genetic Testing Registry	5/28/10	NOT-OD-10-101
Release of New Guidance for Applying for New Therapeutic Discovery Project Program Created by the Affordable Care Act	5/21/10	NOT-OD-10-100
NIH Requests Comments on the Proposed Rule applicable to Regulations on the Responsibility of Applicants for Promoting Objectivity in Research for which Public Health Service Funding is Sought and Responsible Prospective Contractors	5/21/10	NOT-OD-10-099
Enhancing Peer Review Advance Notice: New NIH Policy on Post-Submission Application Materials	5/21/10	NOT-OD-10-091
Notice of Availability of Administrative Supplements for the U.S. - Japan Brain Research Cooperative Program - U.S. Component	5/14/10	NOT-NS-10-014
Budgeting for Genomic Arrays for NIH Grants, Cooperative Agreements and Contracts	5/13/10	NOT-OD-10-097
Revised Requirements for the Completion of NIH-RAID Applications Using the Restructured Electronic SF 424 (R&R) Application Package	5/07/10	NOT-RM-10-008
NIH Expands Provisions of the Streamlined Noncompeting Award Process (eSNAP) and Requires Electronic Submission of SNAPS Beginning August 1, 2010	5/07/10	NOT-OD-10-093
Extension of Modified Application Submission, Referral and Review to Members of NIH Program Advisory Committees (PACs)	5/07/10	NOT-OD-10-NIH 090
Enhancing Peer Review: Expectation for Service on NIH Peer Review and Advisory Groups	5/07/10	NOT-OD-10-089
Request for Information: Scientific and Regulatory Issues to be Explored at an Upcoming Pluripotent Stem Cell Workshop involving NIH and FDA	5/06/10	NOT-NS-10-016
NIH/AHRQ/NIOSH/FDA Return to a Two-Day "Error Correction Window" for Grant Applications Effective May 8, 2010	5/03/10	NOT-OD-10-088
Instructions for Completion and Technical Evaluation of the Vertebrate Animal Section (VAS) in NIH Contract Proposals	4/19/10	NOT-OD-10-149
Update of Sample Animal Welfare Assurance for Foreign Institutions	4/16/10	NOT-OD-10-083
Frequently Asked Questions (FAQ) for: Social Network Analysis and Health, PAR-10-145 (R01) and PAR-10-146 (R21)	4/15/10	NOT-OD-10-082
Guidance on Confirming Appropriate Charges to NIH Awards during Periods of Noncompliance for Activities Involving Animals	4/15/10	NOT-OD-10-081
Enhancing Peer Review: Clarification of Resubmission Policy and Determination of New Application Status	4/15/10	NOT-OD-10-080
Policy Reminder Concerning Appendix Materials for All NIH/AHRQ/NIOSH Grant Applications	4/15/10	NOT-OD-10-077

New Concept Clearances

Concepts represent early planning stages for initiatives in which NIDCR seeks to support research in an

understudied and significant area of science. Approval by the National Advisory Dental and Craniofacial Research Council does not guarantee that a concept will become a program announcement (PA), request for applications (RFA), or request for proposals (RFP). NIDCR bases this determination on scientific and programmatic priorities balanced with the amount of funds available. The following concept clearances were approved at the May 2010 Council meeting:

<http://go.usa.gov/32g>

Molecular Characterization of Salivary Gland Tumors

Immunopathogenesis of HIV/AIDS-related Oral Manifestations and Host Immunity

Functional Restoration of Salivary Glands

Developing Research Capacity in Temporomandibular Disorders and Orofacial Pain Research

Individual Tailoring and Community Targeting of Behavioral and Social Interventions to Improve Oral Health

Dental Practice-based Research to Improve Oral Health and to Support the Adoption of Evidence-based Clinical Practice

Treatment Outcomes of Oral Diseases in Medically Complex

NIDCR News

NIDCR Establishes Salivary Gland Tumor Repository

https://research.mdacc.tmc.edu/Salivary_DB/index.html



Tumors of the salivary gland are rare and their causes are poorly understood. NIDCR has now established the first salivary gland tumor repository to enable research to define the etiology and pathogenesis of these conditions.

Oral Cancer Video and Public Service Announcements Available

<http://www.nidcr.nih.gov/OralHealth/Topics/OralCancer/AfricanAmericanMen/>



NIDCR released a new video and three PSAs for its "Oral Cancer: What African American Men Need to Know" campaign.

Dr. James Melvin Appointed NIDCR Clinical Director

James Melvin, D.D.S., Ph.D., has been appointed NIDCR Clinical Director. A former director of the Center for Oral Biology at the University of Rochester, Dr. Melvin has made numerous contributions to the field of salivary gland physiology and played a key role in the research consortium that decoded the saliva proteome. Most recently he served as professor of pharmacology and physiology in the School of Medicine and Dentistry at Rochester and led a number of Ruth L. Kirschstein Institutional National Research Award programs at the pre-doctoral, doctoral and postdoctoral level. He received his D.D.S. from Case Western Reserve University, a Ph.D. in neurobiology and anatomy from the University of Rochester, and did his postdoctoral training in NIDCR's (then) Clinical Investigation and Patient Care Branch.

Dr. Penny Burgoon Appointed Director of Salivary Biology and Immunology Program

Dr. Penny Burgoon has been appointed director of the Salivary Biology and Immunology Program in the Integrative Biology and Infectious Diseases Branch, Division of Extramural Research. Prior to joining NIDCR, she served as senior assistant to Dr. Raynard Kington, NIH Deputy Director. She was an NIH American Association for the Advancement of Science (AAAS) fellow and a visiting scholar at Ohio State University. Dr. Burgoon received a Ph.D. in physiology from Ohio State.

NIH News

STAR METRICS: New Way to Measure the Impact of Federally Funded Research



A new initiative promises to monitor the impact of federal science investments on employment, knowledge generation, and health outcomes. The initiative—Science and Technology for America's Reinvestment: Measuring the Effect of



Research on Innovation, Competitiveness and Science, or STAR METRICS—is a multi-agency venture led by the NIH, the National Science Foundation (NSF), and the White House Office of Science and Technology Policy (OSTP). STAR METRICS will help the federal government document the value of its investments in research and development to a degree not previously possible. Together, NSF and NIH have committed \$1 million for the program's first year.

Additional information about STAR METRICS is available at:
http://sites.nationalacademies.org/PGA/fdp/PGA_057189

New Embryonic Stem Cell Lines Available

http://grants.nih.gov/stem_cells/registry/current.htm



At the end of April, NIH Director Francis Collins announced that 13 additional human embryonic stem cell lines have been approved for federal funding and added to the NIH Stem Cell Registry, bringing the registry's total number of lines available for federal funding to 64. Another 100 lines are pending approval.

Comments Sought on Plan to Develop Genetic Testing Registry

NIH is seeking input on its plan to develop a Genetic Testing Registry (GTR), a centralized public resource that will provide information about the availability, scientific basis, and usefulness of genetic tests. Although more than 2,000 genetic tests are available, there is no single public resource that provides information about their validity and usefulness. NIH believes that transparent access to such information is vital to facilitate research and to enable informed decision making by patients, caregivers, health care providers, clinical laboratory professionals, and policy makers. Submission of test information to the GTR will be voluntary, and NIH expects to receive wide interest and participation from researchers, test developers, and manufacturers. Comments must be received by July 12, 2010. Additional information and instructions are found at:
<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-10-101.html>

Director, Division of Program Coordination, Planning and Strategic Initiatives Leaves NIH; NIDCR Director Temporarily Serving as Acting Director

Dr. Lana Skirboll, who was Director of the Division of Program Coordination, Planning and Strategic Initiatives (DPCPSI) left the NIH on April 30 to assume a position with the Zerhouni Group, a new company led by former NIH Director Elias Zerhouni that will provide global strategic advice in science and health. Since 2008 Dr. Skirboll had provided direction for DPCPSI during its first years as an organization within the NIH Office of the Director. She played a key role in NIH's involvement in human embryonic stem cell research and in implementing President Obama's Executive Order last year. She previously had been director of the NIH Office of Science Policy since 1995.

NIH Director Francis Collins appointed NIDCR Director Lawrence Tabak as acting director of the DPCPSI following the departure of Dr. Skirboll. Dr. Tabak is serving temporarily in this position while a search is conducted for the new DPCPSI director and continues to direct the NIDCR.

Dr. Harold Varmus to Head National Cancer Institute



On May 17, President Barack Obama announced his intent to appoint Dr. Harold Varmus to serve as director of the National Cancer Institute. Among his many professional distinctions, Dr. Varmus won a Nobel Prize for his work on the genetic basis of cancer in 1989, and, in 1993, was named by President Clinton to serve as director of the National Institutes of Health, a position he held until 2000. Most recently, Dr. Varmus served as president of Memorial Sloan-Kettering Cancer Center.

Science Advances

Human Microbiome Project Publishes First Genomic Collection

The Human Microbiome Project has published its first genomic analysis of 178 human microbes, including some that reside in the mouth. The Human Microbiome Project is



managed by the NIH Office of the Director in partnership with the NIDCR, the National Institute of Allergy and Infectious Diseases, the National Institute of Arthritis and Musculoskeletal and Skin Diseases, the National Cancer Institute, the National Institute of Diabetes and Digestive and Kidney Diseases and the National Human Genome Research Institute, all part of NIH. Additional details are found at:

<http://www.nih.gov/news/health/may2010/nhgri-20.htm>

Toward Better Resolution of Pain

<http://go.usa.gov/3fy>

NIDCR grantees recently published a potential new approach to pain management.



Study Provides New Leads into Genetics of Cleft Lip and/or Palate

<http://go.usa.gov/3fm>

A consortium of scientists has identified two genes involved in isolated cleft lip and/or palate. But how they found the genes is what's especially interesting.



Helping Cultured Stem Cells Roll

<http://go.usa.gov/3fU>

Before stem cell therapy can become a clinical reality, many practical details must be solved. Among them is the remarkably complex process of cell rolling. NIDCR grantees have developed a method to better mimic the process.



Making Sense of Signal Transduction

<http://go.usa.gov/3fP>

Brewer's yeast

A major research effort is under way to understand how the bio-circuitry of the cell works. NIDCR grantees help to answer the fundamental question of signal integration.



Before the OPPERA

<http://go.usa.gov/3fE>

Natural history studies will be important in defining the causes of temporomandibular disorders. Here are some early results.



We encourage you to distribute this newsletter to any colleagues whom you think may be interested. If someone forwarded this issue to you and you would like to receive future copies, please click here:

<http://list.nih.gov/cgi-bin/wa.exe?SUBED1=nidcr-newsletter&A=1>

Thank you.

This message is sent to you on behalf of Dr. Steffensen, Associate Dean for Research at the UTHSCSA Dental School. *If you wish to be removed from this distribution list or know of someone who would like to be added to the list, please contact Gloria Abdin at abdin@uthscsa.edu. We welcome suggestions that you may have to enhance our research communications. To access previous announcements click the following link:* <http://dental.uthscsa.edu/research/announcements.php>