

News for the School of Dental Medicine Research Community

August 2011

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Contents:

Limited Competition: Pew Scholars Program

Changes to Human Research Regulations

NIDCR Research Themes – FY13

NIH Announces Adobe-B2 Forms for Applications

Tip of the Month: Allocating Costs

Researcher Profiles

Educational Opportunities on or Around Campus

CAPS Classes

Research Administration Seminar Series

New NIH “All About Grants” Podcasts Available

Funding Opportunities – updated for August 2011

Pew Scholars Program

OSPA has just announced the Pew Scholars Program Limited Competition. The program supports assistant professors of outstanding promise in science relevant to the advancement of human health. The award provides \$240,000 in flexible support - \$60,000 per year for a four-year period. In 2012, the Pew Charitable Trusts will name 22 new Pew Scholars.

Since CWRU is only allowed to submit one application, there will be an internal competition to select the CWRU applicant. Please see OSPA's Pew website at <http://ora.ra.cwru.edu/ospa/funding/PewScholars.cfm> for details on how to apply. The deadline for the internal competition is **August 22, 2011**.

DHHS Proposing Changes to Human Research Regulations

NIDCR Proposed Research Themes for FY13

As part of the budget planning process, the NIDCR is identifying themes for possible development into research initiatives. Take a look at the proposed list and provide your comments on the NIDCR site <http://www.nidcr.nih.gov/NewsAndFeatures/Announcements/FY2013ResearchInitiatives.htm>.

NIH Announces Adobe-B2 Forms

Just when you have become familiar with ADOBE-FORMS-B1 application form packages, NIH and its partner agencies (AHRQ, CDC, FDA and NIOSH) have released ADOBE-FORMS-B2 to correct flaws in the B1 forms.

So, if you're just beginning an R01, R03 or R21 application, it's highly recommend that you visit the Parent Announcement site at http://grants.nih.gov/grants/guide/parent_announcements.htm and download the new forms package. On **January 8, 2012**, the old parent announcements (containing ADOBE-FORMS-B1) will be retired.

For more information, please see NOT-OD-11-096 at <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-11-096.html>.

Tip of the Month: Allocating Costs

Please remember that according to University policy, expenses should be charged to the appropriate speedtypes at the time the costs are incurred. Peoplesoft allows you to distribute costs between projects when you enter a Payment Request or a Requisition. Every effort should be made to avoid the following:

Rotation of charges between projects: If you have multiple projects using the same resource, it is unacceptable to charge one project one month, another project the next, and so on. Use the PS allocation line to distribute at the time of purchase;

Using speedtypes with the biggest balance first: Charges should be applied to the project(s) that receives the benefit of the purchase, not to the speedtype that has the most funds available to spend;

Parking charges: There will always be times when a speedtype may be delayed. Rather than charging to another speedtype, use the IPAS form to request a preliminary number.

Questions about this tip or have ideas for future tips? Send an email to dentres@case.edu.

Researcher Profiles

We are continuing to update our online researcher profiles. Please take the time to fill in the new form so it can be posted on the website. If you need a copy of the form, please send an email to dentres@case.edu.

Bonus! If you complete the profile and include keywords, we can forward any related funding opportunities directly to you. Help us help you get funded!

Educational Opportunities

CAPS Classes – Check out the latest CAPS classes and get certified today!

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

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

Access to Care: Matching/Challenge grants of up to \$20,000/year supporting local initiatives that provide dental care to underserved/limited access children.

Oral Research Health Grant: Multi-

- o Section II.A.2.(4): The CCCRCP supports additional aspects of casualty care. These include drugs, devices, or novel surgical techniques to decontaminate, debride, protect, and stabilize hard and soft tissue wounds to mitigate secondary tissue damage; medical techniques and materiel to replace or regenerate lost tissues; and the prevention and treatment of dental injury or disease

October 5, 2011 (and subsequent R01 dates) Sponsor: NIH
<http://grants.nih.gov/grants/guide/pa-files/PA-11-082.html>

Pathophysiology and Clinical Studies of Osteonecrosis of the Jaw

R01 funding mechanism. See Part 2 Section 1. Scope for examples of research fitting this topic of inquiry.

October 5, 2011 (and subsequent R01 dates) Sponsor: NIH
<http://grants.nih.gov/grants/guide/pa-files/PA-11-104.html>

Reducing Health Disparities Among Minority and Underserved Children

R01 funding mechanism. Designed to stimulate research that targets the reduction of health disparities among children. "Health disparities" applies to children who have limited access to resources and privileges that impact their health. Focuses on ethnic and racial minority children and populations of underserved children.

October 5, 2011 (and subsequent R01 dates) Sponsor: NIH
<http://grants.nih.gov/grants/guide/pa-files/PA-11-158.html>

Biomarkers of Infection-Associated Cancers

R01 Funding Mechanism: Funding for research that proposes to identify biomarkers for cancers where the etiology of the disease is attributed to infectious agents.

October 5, 2011 (and subsequent R01 dates) Sponsor: NIH
<http://grants.nih.gov/grants/guide/pa-files/PA-11-148.html>

Nanoscience and Nanotechnology in Biology and Medicine

R01 Funding Mechanism: The NIDCR is interested in research projects that focus on nanoscience and nanotechnology approached such as, but not limited to:

- o Understand, control, and manipulate cellular process of orofacial structures (e.g. tooth, salivary glands, bone, muscles);
- o Develop new materials with novel properties for the repair of tooth decay and periodontal disease;
- o Develop new technologies for the study and the prevention of oral biofilm formation.

October 5, 2011 (and subsequent R01 dates) Sponsor: AHRQ
<http://grants.nih.gov/grants/guide/notice-files/NOT-HS-11-014.html>

Priority Populations Research

***NOTE: This AHRQ announcement is not limited to the R01 mechanism.

All open AHRQ FOA mechanisms are available for this announcement***

R01 Funding Mechanism: AHRQ encourages grant applications that propose research that focuses on the health care for AHRQ priority populations with specific emphasis in the following areas:

- o Explaining disparities in health care and clinical practice;
- o Implementation of research and interventions that aim to reduce disparities in priority populations and settings;
- o Addressing known gaps in research dealing with priority populations;
- o Development of methods to address the heterogeneity of priority populations, small sample sizes and to improve outcomes for priority populations in AHRQ sponsored research;
- o Research on cross cutting issues involving multiple priority population groups and settings (for example, disabled children, minority women, rural maternal and child health, etc);
- o Development of innovative service delivery models for settings in which priority populations receive care.

with the intention of obtaining sufficient preliminary data for a subsequent Investigator-Initiated Research Project Grant (R01) application.

October 16, 2011 Sponsor: NIH

<http://grants.nih.gov/grants/guide/pa-files/PA-11-083.html>

Pathophysiology and Clinical Studies of Osteonecrosis of the Jaw

R21 Funding Mechanism. See Part 2 Section 1. Scope for examples of research fitting this topic of inquiry

October 16, 2011 (and subsequent R21 dates) Sponsor: NIH

<http://grants.nih.gov/grants/guide/pa-files/PA-11-217.html>

Mechanistic Studies of HIV-exposed Seronegative Individuals (HESN)

R21 funding mechanism. The purpose of this initiative is to support mechanistic studies of individuals who are repeatedly exposed to HIV but remain seronegative (HESN), or demonstrate resistance to infection. The emphasis will be on demonstrating causality, and not simply association.

October 16 2011 (and subsequent R21 dates) Sponsor: NIH

<http://grants.nih.gov/grants/guide/pa-files/PA-11-105.html>

Reducing Health Disparities Among Minority and Underserved Children

R21 funding mechanism. Designed to stimulate research that targets the reduction of health disparities among children. "Health disparities" applies to children who have limited access to resources and privileges that impact their health. Focuses on ethnic and racial minority children and populations of underserved children.

October 16, 2011 (and subsequent R21 dates) Sponsor: NIH

<http://grants.nih.gov/grants/guide/pa-files/PA-11-159.html>

Biomarkers of Infection-Associated Cancers

R21 Funding Mechanism: Funding for research that proposes to identify biomarkers for cancers where the etiology of the disease is attributed to infectious agents.

October 16, 2011 (and subsequent R21 dates) Sponsor: NIH

<http://grants.nih.gov/grants/guide/pa-files/PA-11-149.html>

Nanoscience and Nanotechnology in Biology and Medicine

R21 Funding Mechanism: The NIDCR is interested in research projects that focus on nanoscience and nanotechnology approached such as, but not limited to:

- o Understand, control, and manipulate cellular process of orofacial structures (e.g. tooth, salivary glands, bone, muscles);
- o Develop new materials with novel properties for the repair of tooth decay and periodontal disease;
- o Develop new technologies for the study and the prevention of oral biofilm formation.

October 16, 2011 (and subsequent R21 dates) Sponsor: NIH

R03 Announcement: <http://grants.nih.gov/grants/guide/pa-files/PA-11-181.html>

R21 Announcement: <http://grants.nih.gov/grants/guide/pa-files/PA-11-182.html>

Research on Ethical Issues in Biomedical, Social, and Behavioral Research

Designed to analyze and address ethical challenges and issues related to the conduct and output of research within the NIH mission. The results of should enhance the ethical conduct and social value of research, optimize the protection of human research participants, ensure research burdens and benefits are equitably distributed across populations, and contribute to policy development regarding the implementation and oversight of new research discoveries and methods. FOA lists specific interests of each participating institute.

October 27, 2014 Sponsor: NIH-NIDCR

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DE-12-003.html>

Collaborative Research on the Transition From Acute to Chronic Pain: New Models and Measures in Clinical and Preclinical Pain Research

R01 funding mechanism, the overall goal is to stimulate preclinical and clinical research that will accelerate understanding of biological and behavioral determinants driving the transition from acute pain to chronic pain disorders. Understanding the mechanisms and risk factors that determine who will transition to a chronic pain state is necessary in order to intervene and design new, effective treatments to resolve acute pain before it becomes chronic. The objectives are to:

- o assemble teams with expertise in basic and clinical pain research and related expertise outside the pain field that will provide novel, collaborative, multidisciplinary approaches to answer crucial questions about the transition from acute to chronic pain;
- o discover biological and behavioral mechanisms that drive the transition from an acute pain state to a chronic dysfunctional pain condition;
- o develop new clinical and preclinical models and measures of pain that will be essential to identify and characterize these mechanisms.

Studies that involve considerable risk but with the potential for breakthroughs in the field are strongly encouraged.

November 18, 2014 Sponsor: NIH-NIDCR

R01 FOA: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DE-12-006.html>

R21 FOA: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DE-12-007.html>

The objective of this FOA is to support effectiveness research to inform prioritization of evidence-based treatment for patients with disorder or disease-related compromised oral health, and suggest appropriate adaptations (in timing, frequency, procedure or material) of recommended preventive and restorative guidelines for these patients. This will not support epidemiological studies of disease prevalence without assessment of treatment outcomes. It also will not support randomized clinical trials.

The purpose is to stimulate research that addresses gaps in our knowledge of how best to treat the oral diseases of medically compromised patients, to identify risk factors that further compromise treatment outcomes in these selected patient groups, and to generate evidence for treatment guidelines.

December 5, 2014 Sponsor: IADR/Academy of Osseointegration

<http://www.iadr.cea> SponOr. that furr: T/TT0 1 TfADR/Acad-3(Ac)4(.)3(ia26)Tj0.5 0 Td()e-1(n)-4(d)-4(e)-1(d)-4(p)-d m

Academy of Osseointegration recognizes the need for investigators to produce implant research that can be applied in clinical practice and be used to maintain and improve oral health and quality of life. The Award is intended to help investigators pursue innovative and novel research in oral care that involves, but is not limited to, dental implant therapy. Award up to \$75,000.

December 5, 2014 Sponsor: IADR/GlaxoSmithKline

<http://www.iadr.com/i4a/pages/index.cfm?pageid=3426>

Innovation in Oral Care Awards

Awards up to \$75,000 to advance oral care programs directed toward the development of innovative and novel compounds, biomaterials, or devices that can be used at the public health level. Examples of areas of interest could include, but are not limited to:

- o Inhibition or removal of biofilms adhering to natural or artificial surfaces;
- o Modification of those surfaces to inhibit biofilms and other deposits, stains, or odors;
- o Adhesives for removable prosthetic devices;

January 13, 2012 Sponsor: IADR/Heraeus

<http://www.iadr.com/i4a/pages/index.cfm?pageid=3845>

Heraeus Travel Award

The IADR is inviting applications from young investigators who have submitted an abstract which has a dental materials component for a travel award to support their attendance at the IADR General Session in 2012. The objective of this award program is to encourage young investigators to undertake research in new/innovative testing methods of dental materials, and new ideas and approaches to

April 15, 2011– Sponsor Delta Dental Foundation

Financial support of scientific projects in the field of hard and soft tissue regeneration in oral and maxillofacial surgery. In general, grants will be limited to 50,000 Swiss Francs per year for a maximum of two years. Second annual deadline is December 1.

June 30, 2011 – Sponsor: HRSA

<https://grants.hrsa.gov/webExternal/FundingOppDetails.asp?FundingCycleId=729BD384-C7B8-427B-8C4F-2532C30F97FA&ViewMode=EU&GoBack=&PrintMode=&OnlineAvailabilityFlag=&pageNumber=&version=&NC=&Popup=>

Oral Health Training and Technical Assistance National Cooperative Agreement

Available funds are targeted for the purpose of providing specialized training and technical assistance to potential and current HRSA awardees including supported service delivery and workforce programs, Primary Care Associations (PCAs), State Offices of Rural Health (SORHs), and Primary Care Offices (PCOs), around increasing access to primary oral health care services for underserved and vulnerable populations.

July 1, 2011 (Letter of Intent) Sponsor: British Society of Periodontology

<http://www.bsperio.org.uk/awards.htm#wf>

The Sir Wilfred Fish Research Prize

- o Awarded annually by the British Society of Periodontology, with object of encouraging researchers in the early stages of their career. The Prize takes the form of a cash award of £1000 together with a certificate. The Research Prize is open to members and non-members of the Society and to international competition.

July 1, 2011 – Sponsor: American Association of Periodontology

<http://www.perio.org/foundation/teachingfellowship.htm>

AAP Teaching Fellowship

AAP Teaching Fellowships are intended to support the young periodontal educator's commitment to a career in academia by providing debt relief to qualified applicants. The \$50,000 Fellowships are given to qualified faculty members within their first three years of teaching at a U.S. periodontal training institution. Funding for AAP Teaching Fellows is provided at the end of each year of teaching. Applicants may apply for the AAP Fellowships for up to three years, as long as they maintain eligibility.

**UPDATED: July 15, 2011 Letter of Intent (August 15, 2011 Internal Proposal, November 1, 2011 –

External) – Sponsor: Hartwell Fdn

<http://ora.ra.cwru.edu/ospa/funding/hartwell.cfm>

This entry has been updated to include the due date for the letter of intent

Individual Biomedical Research Awards

Case Western Reserve University has earned a large bid in The Hartwell Foundation's Individual Biomedical Research Awards

This is a limited competition and CWRU can nominate two (2) faculty members to submit proposals. Therefore, there will be an internal proposal process to select the two nominees. For more information on the program please see <http://ora.ra.cwru.edu/ospa/funding/hartwell.cfm>. Please bookmark this page as more information regarding the internal proposal process will surely be posted.

July 15, 2011 - Sponsor The American Society of Maxillofacial Surgeons
<http://maxface.org/awards/researchgrant.cgi>

Research Grant funding open to members of the society, as well as resident and research fellows who provide a letter of sponsorship from a member.

July 15, 2011 - Sponsor Oral and Maxillofacial Surgery Foundation
<http://www.omsfoundation.org/Page.aspx?pid=349#applying>

Offers four grants (appear to be annual):

Research Support Grant: One year award of up to \$75,000 to further the development of new and experienced investigators committed to problems related to OMS.

Student Research Training Award: Supports a project of up to \$2500. Requires support from the applicant's institution.

Zimmer Award: Offers \$55,000 to an experienced investigator whose research focuses on implantology.

Practitioner Innovation Award: \$5,000 to encourage those in private practice to develop a technique or therapy applicable to clinical practice. One year award.

July 25, 2011 - Internal Proposal (September 30, 2011 External proposal) - Sponsor: Kinship Foundation, Searle Scholars Program
<http://ora.ra.cwru.edu/ospa/funding/SearleScholars.cfm>

Limited submission competition to support the research of young faculty. Candidates should have begun their first appointment as an independent investigator or assistant professor.

August 1, 2011 - Sponsor American Academy of Implant Dentistry Research Foundation
Research Grant

http://www.aaid.com/research_foundation/Grants_and_Activities.html

Intended to provide limited support for meritorious dental implant research projects which include, but are not limited to, the following purposes:

- o To conduct research which determines the feasibility of a larger research project. This may be described as the conduct of pilot studies of venturere search.
- o To develop and test new techniques and procedures.
- o To carry out a small clinical or animal research project.
- o To analyze existing data.

Up to \$25,000 over 2 years