



News for the School of Dental Medicine Research Community

August 2013

Distributed via email on August 5, 2013

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Any questions or comments about the information contained in this newsletter can be directed to dentres@case.edu.

Comment on the NIDCR Strategic Plan

The NIH's National Institute of Dental and Craniofacial Research (NIDCR) is working on a strategic plan to guide research efforts over the next six years (2014-2019). The strategic planning process provides a unique opportunity to gather input from individuals and organizations with a stake in the research and its outcome – including researchers, clinicians, patients, educators, scientific and professional societies, health voluntary organizations, industry groups, and others. The NIDCR invites you to give your candid opinions, ideas, and suggestions about future directions for the Institute.

To do so, please take a look at the seven questions on the comment form at the link below and provide input on any or all of them. You may identify yourself and your institution and relationship to NIDCR so they can better understand your perspective; however, anonymous input is also welcome.

Please send your comments by September 6, 2013.

<http://www.nidcr.nih.gov/NewsAndFeatures/Announcements/GiveUsYourIdeasforNIDCRsNextStrategicPlan>

New! Research Bootcamp for New Faculty (and seasoned faculty as well!)

OSPA has announced a "New to CWRU" Research Bootcamp program to be offered for faculty. Despite the title, all faculty are welcome, no matter how long they have been at Case. Personalized invitations will be sent to new faculty and a general announcement regarding registration will be sent out by OSPA as the dates approach. So in the meantime, please note the times below for the upcoming sessions. As more information becomes available, it will be included in the newsletter.

Upcoming scheduled dates:

Thursday, September 26, P <</MCI123eri(P <)-6.6(s [(T)b30am:)]TJ 0 Tc 0 Tw 8.1743 0nT0KArI(nc)-2h6rvi
-1:30pm, KSL LL06 (lunch provided).

Required Training for Use of Controlled Substances in Animal Research

Protocols

The Animal Resource Center is initiating a new mandatory training program for investigative groups that use controlled substances as part of their animal research protocols. Principal Investigators and personnel in laboratories responsible for managing controlled substances are required to attend one of these sessions. Information about this training will also be presented to the administrative forum to let administrators who order controlled substance know how the process works. This effort is to bring everyone up to date on the program for managing controlled substances and measures that are being implemented going forward.

Please attend one of the following sessions (no registration is required):

Tuesday, August 6, SOM Room E301, 2:00pm

Tuesday, August 13, SOM Room E301, 2:00pm

Tuesday, August 27, Wolstein Research Building Auditorium, Room 1413, 2:00pm

Any specific questions can be directed to OSPA at 368-4510.

Did You Know? The Scientific Instrument Repair Center Wants to Help You!

With the tightening of grant funds, many labs are looking for a better way to make their expensive equipment last longer. If you've tried to schedule a service call recently, you know that it can cost as much as \$600 just to get an outside service to come and look at your equipment. But there is a better way – Case's own Scientific Instrument Repair Center.

The SIRC offers mechanical and electronic diagnosis and repair of general and specialized laboratory equipment, equipment design and modification, fabrications, retro-fitting, reconditioning and rebuilding of older equipment – at prices that are likely much lower that would be charged by an external vendor.

All About Grants Podcasts from the NIH

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Funding Opportunities of Interest

Listed by application deadline

August 5, 2013

Updates since last email are highlighted in yellow

While every effort is made to ensure the correctness of deadline dates shown, please consult the program website to confirm application due dates.

Rolling Deadline (4th Thursday of Each Month) – Sponsor: DentaQuest Foundation

<http://www.dentaquestfoundation.org/sites/default/files/uploads/Innovation%20Fund%20for%20Oral%20Health%20RFP-2013.pdf>

Innovation Fund for Oral Health

The DentaQuest Foundation envisions specific, longer-term changes, within the systems that we work to impact. Through the Innovation Fund for Oral Health, the Foundation seeks to identify and support programs that create movement toward the optimal oral health systems descriptors listed in the bullets below.

- Policy
- Financing
- Care
- Community

Due Date Determined by Institute – Sponsor – NIH

<http://grants.nih.gov/grants/guide/pa-files/PA-12-149.html>

Research Supplements to Promote Diversity in Health-Related Research

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<http://grants.nih.gov/grants/guide/rfa-files> molecular data to target CICs effectively for the treatment of OSCC.

August 22, 2013 – Department of Infectious Disease/STERIS Corp.

<http://case.edu/med/id/> (Word document of RFA found on department's site)

STERIS Grant

The Division of Infectious Diseases & HIV Medicine at Case Western Reserve University and University Hospitals Case Medical Center, with funds from STERIS Corporation, will provide seed money to faculty to foster research in emerging and healthcare-associated infections. Investigators in the basic science and clinical departments in the School of Medicine and Hospital System as well as in other departments throughout the University are eligible. Grants, not to exceed \$37,500 direct costs each, will be awarded to investigators who intend to gather preliminary data to be used in seeking future

This Funding Opportunity Announcement (FOA) encourages investigators to submit research grant applications that will identify, develop, evaluate and refine effective and efficient methods, systems, infrastructures, and strategies to disseminate and implement research-tested health behavior change interventions, evidence-based prevention, early detection, diagnostic, treatment and management, and quality of life improvement services, and data monitoring and surveillance reporting tools into public health and clinical practice settings that focus on patient outcomes.

October 5, 2013 (and subsequent R01 dates through 9/8/2014) – Sponsor: NIH

<http://grants.nih.gov/grants/guide/pa-files/PA-11-317.html>

Building a Genetic and Genomic Knowledge Base in Dental, Oral, and Craniofacial Diseases and Disorders – R01

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, 2013 (and subsequent R01 dates through 5/8/2014) – 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, 2013 (and subsequent R01 dates through 5/8/2014) – 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:

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

October 12, 2013 – Sponsor: NIH-NIDCR

<http://grants.nih.gov/grants/guide/pa-files/PAR-11-289.html>

NIDCR Institutional Career Development Award for Enhancing Research Capacity in Temporomandibular Joint Disorders and Orofacial Pain (K12)

The purpose of this FOA is to expand and strengthen the com2(r)-2/(MCID 44 .7(xp)1.9(po.9(l)-4.6(a)-1.7(r)6.913.2(nha)-

NIDCR Clinical Trial or Biomarker Clinical Evaluation Study Planning Grant

The NIDCR will support clinical trial or biomarker clinical evaluation study planning grants (R34) for comprehensive planning, design and documentation of investigator-initiated Phase I, II, III, or IV interventional clinical trials, or biomarker clinical evaluation studies that involve prospective collection of specimens and clinical outcomes. Interventional behavioral studies, sometimes referred to as Stage I, II, III or IV studies, are included. The goal of the R34 grant program is to give investigators the time and funds necessary to complete detailed clinical trial or study planning and written supporting documentation prior to U01 funding and full implementation of a clinical trial or study. The R34 grant will provide up to one year of support. R34 awardees who complete their planning activities and have compelling justification to proceed to a clinical trial or biomarker clinical evaluation study can submit a cooperative agreement application (U01) for clinical trial implementation or biomarker clinical evaluation study (details are presented in [PAR-11-339](#)). If the investigators conclude that a clinical trial or biomarker clinical evaluation study is not warranted, the reasons for not proceeding with the U01 implementation application must be documented in the final progress report to the NIDCR that summarizes the R34 award activity.

October 16, 2013 (and subsequent R03 and R21 dates through September 8, 2014) – Sponsor – NIH

R03 - <http://grants.nih.gov/grants/guide/pa-files/PA-11-328.html>

R21 - <http://grants.nih.gov/grants/guide/pa-files/PA-11-329.html>

Healthy Habits: Timing for Developing Sustainable Healthy Behaviors in Children and Adolescents

Encourages applications targeting basic or applied research, depending on the state of the science. Where there is evidence of the value of an approach to developing healthy sustainable behavior, but there are key questions that are yet to be answered, then an intervention of limited scale would be appropriate. Before the large, rigorous and well-designed studies that are required to address these questions can be implemented, important early-phase research and development must be completed. In order to elucidate the optimal research strategy, a number of steps are necessary, such as characterization of the intervention, determination of suitable outcome measures, and identification of the optimum population and randomization approach. Applicants must provide a clear and compelling rationale for pursuing study and development of the intervention, as well as for other critical aspects of the research design (e.g., dose or schedule, choice of endpoints of interest, etc). Applications that leverage existing research infrastructures, for example through follow-ups or use of relevant existing data sets or ancillary studies to existing large-scale studies, are also encouraged.

October 16, 2013 (and subsequent R03 dates through September 8, 2014) – Sponsor: NIH

<http://grants.nih.gov/grants/guide/pa-files/PAR-11-315.html>

Systems Science and Health in the Behavioral and Social Sciences – R21

NIDCR supports research that examines community characteristics, the organization of health care systems,

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, 2013 (and subsequent R21 dates through January 8, 2014) – 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

authority of the Food and Drug Administration (FDA) Center for Tobacco Products (CTP) as mandated by the Family Smoking Prevention and Tobacco Control Act (FSPTCA).

January 30, 2014 – Sponsor – NIH

<http://grants.nih.gov/grants/guide/pa-files/PA-12-159.html>

Administrative Supplements for Collaborative Science

The NIDCR announces the availability of funds for Administrative Supplements to NIDCR-funded research

projects. These efforts are intended to enhance ongoing research by enabling NIDCR-funded researchers to form new collaborations that were not anticipated at the time of sue x5(v)11(a)-pweeonse(w)4vi.5(e)-1.5(d a.7(e)--1.5(

Funding Opportunity Archive

March 21, 2011 – Sponsor: American Dental Association

<http://www.ada.org/applyforassistance.aspx>

Give Kids A Smile Continuity of Care Grant

Grant funding to expand Give Kids Smile Day initiatives to provide restorative dental care to high-risk children who did not complete all restorative care during the Give Kids A Smile Day event. Program offers four grants of up to \$13,500 exclusively for Continuity of Care. Continuity of Care under this program is defined as establishing a liaison/case management system to ensure underserved children cared for during applicants' GKAS event subsequently receive pro bono restorative care and/or to assist families to become enrolled into systems of care and connected with a dental home.

No information for 2012.

May 25, 2011 – Sponsor: HRSA

<https://>

<http://www.aapd.org/foundation/default.asp>

HSHC Continues Grant Initiative offers three programs:

- *Investing in Access to Care:* <http://www.aapd.org/foundation/accesstocare.asp>
- *Investing in Research:* <http://www.aapd.org/foundation/research.asp>
- *Investing in the Future Fellowship:* h

AHRQ encourages grant applications that propose research that focuses on minority women in health services research designed to:

- *Improve clinical practice;*
- *Improve the health care system's ability to provide access to and deliver high quality, high-value health care;*
- *Provide policymakers with the ability to assess the impact of system changes on outcomes, quality, access to, cost, and use of health care services*

September 30, 2011 (continuous submission, close date is 9/30/11) – Sponsor: DOD-USAMRMC

ROI funding mechanism, the overall goal is to stimulate preclinical and clinical research that wil

<http://www.iadr.com/i4a/pages/index.cfm?pageid=3422>

IADR/Colgate Research in Prevention Travel Award

Program is for young investigators who have submitted an abstract which has a preventive component for a travel award to support their attendance at the IADR General Session. The objective of this award program is to encourage young investigators to undertake research in the prevention of oral diseases and to facilitate their presentation of this work to the international dental and oral health research community.

*To apply you must select the IADR/Colgate Research in Prevention Travel Awards and fill out the eligibility requirements when submitting your abstract for the 90th General Session & Exhibition in Rio de Janeiro, Brazil, June 20-23, 2012, by the **January 13, 2012** abstract deadline. **Applicants MUST be members of the IADR (including student members) at the time of abstract deadline***

January 13, 2012 – Sponsor: IADR/Heraeus

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

Heraeus Travel Award

June 4, 2012 – Sponsor – NIH
<http://grants.nih.gov/grants/guide/rfa-files/RFA->

The NIH Director's Pioneer Award program complements NIH's traditional, investigator-

January 15, 2013 – Sponsor: CWRU CTSC
<http://casemed.case.edu/ctsc/funding/pilot.cfm>
CTSC Annual Pilot Funding

The CTSC Annual Pilot Program is for researchers to conduct innovative translational research projects focused on the invention, preclinical development and/or first in man studies of novel therapeutic agents, biomedical devices, and diagnostics designed to address unmet clinical needs. Funding is intended to facilitate development of enabling technologies; new therapeutic, diagnostic or outcomes assessment approaches and/or device; novel cross-disciplinary collaborative programs; and promote research in the community.

January 15, 2013 – Sponsor: NIH
<http://grants.nih.gov/grants/guide/rfa-files/RFA-GM-14-001.html>
Dynamics of Host-Associated Microbial Communities – R01

This announcement solicits applications that propose genetic, physiological, and ecological studies designed to reveal the basic principles and mechanisms that govern the symbiotic systems dynamics of host-

They are also intended to provide for the funding of high-quality research that may be of more local interest, and therefore may be at a disadvantage in competing for funding at a national level.

May 15, 2013 (LOI) – Sponsor – Center for Decision Research

<http://newpathstopurpose.org/grants/rfp>

New Paths to Purpose

This RFP aims to support both junior (e.g., pre-doctoral) and senior researchers in revealing hidden (e.g., unrecognized, counterintuitive, or underutilized) connections between behavioral science insights and the human experience of purpose. Specifically, we are looking to support:

1. Purpose “Nudges” (following Thaler & Sunstein, 2008): Applied research demonstrating how basic behavioral science insights can be used in previously unrecognized or underutilized ways to create tools, interventions, etc. that help people more effectively experience (e.g., sense, adopt, pursue, fulfill) purpose.
2. Basic research illustrating previously unrecognized or counterintuitive ways in which behavioral science phenomena (e.g., motivation and goal pursuit, attitudes and beliefs, understandings of the self and others, perception and judgment, happiness and well-being) can help to explain the ways in which people experience (e.g., sense, adopt, pursue, fulfill) purpose, or vice versa.

June 1, 2013 – Sponsor: American Association of Periodontology

<http://www.perio.org/foundation/teaching-fellowship.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 full-time teaching. Applicants may apply for the AAP Fellowships for up to three years, as long as they maintain eligibility.

June 16, 2013 (and subsequent R03 dates through September 8, 2013) – Sponsor: NIH

<http://grants.nih.gov/grants/guide/pa-files/PAR-10-275.html>

NIDCR Small Grant Program for New Investigators (R03)

Grant Program for New Investigators supports basic and clinical research of scientists who are in the early stages of establishing an independent research career in oral, dental, and craniofacial research. This R03 grant mechanism supports pilot or feasibility studies and developmental research projects with the intention of obtaining sufficient preliminary data for a subsequent Investigator-initiated Research Project Grant (R01) application.

June 15, 2013 (Letter of Intent) – Sponsor: Patient-Centered Outcomes Research Institute

- Expand the pool of quali