



CASE WESTERN RESERVE
UNIVERSITY
SCHOOL OF DENTAL MEDICINE

News for the School of Dental Medicine Research Community April 2011

Distributed via email on April 4, 2011

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Educational Opportunities

NIH Training Institute for Dissemination and Implementation Research in Health: The NIH has announced a 5-day training institute to provide a thorough grounding in conduction dissemination and implementation research. Applicants are not required to be citizens, permanent residents, or non-citizen nationals of the US. If accepted to the program, support includes domestic air/train fare, lodging during the institute, government per diem rate for meals not provided, and domestic ground transportation/airport transfers. There is no fee to apply. For more information, please visit the institute site -

<http://conferences.thehillgroup.com/OBSSRinstitutes/TIDIRH2011/index.html>

Masters in Clinical Research: The Clinical Research Scholars Program (CRSP) is accepting applications for the Master of Science Program in Clinical Research. This is a flexible 2-5 year program designed for post-doctoral trainees and faculty who seek training in the design and implementation of clinical research involving human subjects. **Note: CRSP courses are open to individuals who are not pursuing a Master's degree but wish to enhance their skills in the design and conduct of clinical research.** For more info, visit <http://casemed.case.edu/CRSP/>. The deadline is **April 15 2011**.

Department of Bioethics Masters Program – Research Ethics Track: The Department of Bioethics has announced the Research Ethics Track within the Master's Program. The Research Ethics Track is designed

for those who either wish to enhance their development of expertise in ethical issues in research or wish to pursue research-ethics related work as a primary career. For more information, contact Marie Norris at marie.norris@case.edu or go to <http://www.case.edu/med/bioethics/masters/RET.htm>. The deadline to apply is **May 1**.

All About Grants Podcasts from the NIH: The Office of Extramural Research (OER) presents conversations with NIH staff members. Designed for investigators, fellows, students, research administrators, and others, the podcasts provide insights on grant topics from those who live and breathe the information. The podcasts are in mp3 and updated every other week on the NIH OER site:

http://grants.nih.gov/podcasts/All_About_Grants/index.htm

- New in March: “Telling Your Story” (writing your Research Plan) and “Human Subjects Risk and Protection”

NCURA Regional Meeting in Cleveland – April 16-20: NCURA will be hosting their regional meeting in Cleveland next month. This is a wonderful opportunity for training without huge travel costs. Additional information can be found at <http://www.ncuraregioniv.com/meetings/index.html>

Sponsored Projects: Proposal to Award

On April 18 from 12:00 – 1:00, CAPS will present this class that discusses the basic processes involved with SpeedType setup in OSPA, including an overview of eURF procedures, proposal submission, award documentation and subcontract agreements. The class is scheduled to be held in room NOA 060. Lunch will be provided courtesy of the SODM. Please register through the CAPS website, <http://www.case.edu/training/caps/registration.html>.

FY11 Federal Fringe Rate Announced

The University has published its FY11 fringe rates for Federal sponsors. Beginning July 1, 2011, the rate will increase from 25% to 29.5%. This includes all federally funded research conducted on-campus and its affiliates – UH and MHMC. Effective immediately, all new proposals should use the new rate.

- The non-Federal rate is still being negotiated. It will be publicized as soon as it is available.
- **PLEASE NOTE**: We have been informed by SPA that the practice of increasing the fringe rate by 0.5% in the out-years of proposal budgets is no longer acceptable. The same rate should be used for all years of the budget.

Summer Grant Writing Course

PSCL 453: Critical Thinking in Research offered June 6 to August 1 and taught by Dr. Joseph Fagan. The course will go through the process of preparing a proposal from concept to the final document. For more information on the class, please visit <http://www.case.edu/summer/fagan.html>.

New NIH FAQs on Post Submission Materials

The NIH has announced the addition of a new FAQ page for post-submission materials to applications. These FAQs should help to clarify the revised policy that was published last July and has

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!

List of Funding Opportunities

The Office of Finance and Operations has created a running list of funding opportunities that may be of interest to the community. This running list will be sent out with this email monthly, with the newest additions highlighted in yellow. It follows this page.

You are being sent this email because you have been identified as part of the research community within the School of Dental Medicine. If you would like to subscribe or unsubscribe from this list, please send an email to dentres@case.edu.

Funding Opportunities of Interest

Listed by application deadline date

Last Sent Out via Email: 4/4/2011

Updates since last email are highlighted in yellow

March 4, 2011 (Letter of Intent), Application due April 4, 2011 – Sponsor – NIH

<http://www.nih.gov/science/laskerscholar/>

Lasker Clinical Research Scholars

- For early stage clinician researchers, scientists who successfully compete to become a Lasker Clinical Research Scholar will spend five to seven years in NIH's intramural program. They will then be offered the opportunity to either stay at NIH as a senior clinical researcher or apply for up to five years of support to go back out into the extramural community. The program is open to clinician scientists from both the extramural and the intramural communities. Applicants must have an MD, MD/PhD, DO, DDS, DMD, RN/PhD, or equivalent clinical degree and must be no more than six years from completion of their core residency training program.

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.

April 15, 2011 – Sponsor: Delta Dental Foundation

http://www.deltadentalmi.com/PublicWeb/appmanager/portal/desktop?_nfpb=true&_pageLabel=bDD_bCC_bDDF_pRes

- Research Grant: Fosters research related to oral health, especially research which could have direct clinical application with significant potential for reducing treatment costs along with improving oral health. Funding up to \$30,000.

June 5, 2011 (October 5, 2011) – Sponsor: NIH

<http://grants.nih.gov/grants/guide/pa-files/PAR-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.

June 5, 2011 (October 5, 2011) – 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.

June 5, 2011 (October 5, 2011) – 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.

June 5, 2011 (October 5, 2011) – 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.

June 12, 2011 (and subsequent standard K-award due dates) – Sponsor – NIH

<http://grants2.nih.gov/grants/guide/pa-files/PA-10-063.html>

NIH Pathway to Independence Award (K99/R00)

- The purpose of the program is to increase and maintain a strong cohort of new and talented NIH-supported independent investigators. It is designed to facilitate a timely transition from a mentored postdoctoral research position to a stable independent research position with independent NIH or other independent support at an earlier stage than is currently the norm.

June 12, 2011 (and subsequent standard K-award due dates) – Sponsor – NIH

<http://grants.nih.gov/grants/guide/pa-files/PAR-09-256.html>

NIDCR Dentist Scientist Pathway to Independence Award (K99/R00)

- NIDCR is introducing a modified program, specifically for recent DDS/PhD graduates. The purpose is to ensure that dual degree dentist scientists receive sufficient mentoring and protected research time necessary to allow them to successfully transition to independent researchers. The mentored K99 phase is required to last for the full two year award duration. In addition, recipients may receive clinical specialty training during the R00 phase, which may be extended for up to five years. Funding cannot be used to for specialty training.

June 15, 2011 – Sponsor - Osteology Foundation

<http://www.osteology.org/de/granting/application/guidelines.html>

- 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 16, 2011 – Sponsor: NIH

<http://grants.nih.gov/grants/guide/pa-files/PA-10-291.html>

Research on Malignancies in the Context of HIV/AIDS (R21)

- Part 2 Section 1 of the Announcement addresses areas that the NIDCR wants to encourage.

June 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

June 16, 2011 (October 16, 2011) – 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.

June 16, 2011 (October 16, 2011) – 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.

June 16, 2011 (October 16, 2011) – 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:
 - 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.

June 16, 2011 (October 16, 2011) – 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.

July 1, 2011 – 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.

July 15, 2011 – Sponsor: Oral and Maxillofacial Surgery Foundation

<http://www.omsfoundation.org/Page.aspx?pid=349#applying>

Offers three grants (appear to be annual):

- Research Support Grant: One year award of up to \$75,000 to further the development of 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 is focused on implantology.

August 1, 2011 (*Letter of Intent due*) - Sponsor: American Association of Endodontists

http://www.aae.org/foundation/grants_awards/oppgrants/

- Opportunity grants are open to applicants whose requests fall outside the guidelines of the Foundation's current grant-making programs. Invited full proposals are due October 1, 2011.

August 1, 2011 – Sponsor: American Academy of Implant Dentistry Research Foundation

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

- Provides limited support for dental implant research projects - priority to small clinical projects or pilot studies that have potential for future funding. \$10,000 over two years.

August 18, 2011 – Sponsor: American Association of Endodontists

http://www.aae.org/foundation/grants_awards/fdnresearchgrant/

- Supports research and the genesis of new knowledge in endodontics. To make the best use of funds, the AAE has identified research priorities that can be found on their website. Proposals with budgets over \$25,000 must directly address a priority.

August 31, 2011 – Sponsor: International Team for Implantology Foundation
<http://www.iti.org/?a=1&t=0&y=3001&r=0&n=109&i=&c=25&v=page&o=&s=>

- The ITI Foundation for the Promotion of Implantology supports clinical and laboratory research in implant dentistry and related fields twice a year (deadlines February 27 and August 31). Two grant types are available:
 - Small Grant: Primarily intended for research proposals submitted by young clinicians who have been working within established groups and wish to expand their scope and level of responsibility. It is also intended for newer investigators who want to establish a track record in implant dentistry. This may be by pursuing their own research interests or by building up their own research group. **The grant application should not exceed CHF 50,000 (CHF = Swiss Francs).**
 - Clinical or Laboratory Research Grant (CLRG): **Awarded only to researchers or research groups who have established a reputation for credibility and thoroughness in the field as demonstrated by a continuous publication record in peer-reviewed journals. The grant amount may exceed CHF 100,000, but should not be higher than CHF 200,000.**

September 1, 2011 – Sponsor: American Academy of Pediatric Dentistry
<http://www.aapd.org/foundation/default.asp>

Three research grants (appear to be annual):

- 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-year award (\$100K for 3 years) that can be applied to research initiatives consistent with AAPD research agenda.
- Future Dental Researcher Fellowship: Support the career of 3rd year investigators focusing their research on the study of dental care programs targeting underserved/limited access children.

September 1, 2011 (*anticipated*) – Sponsor: PhRMA Foundation
http://www.phrmafoundation.org/index.php?option=com_award&task=sdetail&id=17

Research Starter Grant – Pharmacology and Drug Toxicology

- Offers financial support to individuals beginning their independent research careers at the faculty level. The areas of interest within this program are research efforts in the fields of pharmacology and drug toxicology. The program provides a research grant of \$60,000 for one year. Schools of medicine (human or veterinary), pharmacy and dentistry are eligible for this award.

September 30, 2011 (*continuous submission, close date is 9/30/11*) – Sponsor: DOD-USAMRMC
http://www.usamraa.army.mil/pages/baa_forms/index.cfm

Broad Agency Announcement W81XWH-BAA-11-1

- Combat Casualty Care Research Program
 - Section II.A.2.(4): The CCCRP 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 in austere environments.

- Clinical and Rehabilitative Medicine Research Program
 - **Regenerative Medicine and Composite Tissue Engineering**
 - Section II.A.4.e: Regenerative medicine involves the use of innovative technologies such as scaffolds and tissue engineering, growth factors, and stem cell treatments to treat Warfighters who have suffered blast injuries, burns, lost limbs, or other tissue injuries.

October 1, 2011 (*anticipated*) – Sponsor: PhRMA Foundation

http://www.phrmafoundation.org/index.php?option=com_award&task=sdetail&id=16

Research Starter Grant – Health Outcomes

- Offers financial support to individuals beginning their independent research careers at the faculty level. The program provides a research grant of \$60,000 for one year. Outcomes research spans a broad spectrum of issues from studies evaluating the effectiveness of a particular pharmaceutical intervention to the impact of reimbursement policies on the outcomes of care. It also ranges from the development and use of tools to perform patient-based assessments to analyses of the best way to disseminate the results of outcomes research to providers or consumers to encourage behavior. See site for more details.

October 4, 2011 (*anticipated*) – Sponsor: Joint Commission on National Dental Examinations

<http://www.ada.org/4168.aspx>

- The overall goal is to enhance the evaluation of those preparing to practice dentistry or dental hygiene. Expected outcomes include advances in theory, knowledge, or practice of assessment at any point along the continuum of dental education. Up to \$60,000 per year up to 3 years.

December 31, 2011 (*anticipated*) – Sponsor: Osseointegration Foundation

<http://www.osseo.org/resources/grants.htm>

- Two annual awards (one clinical and one basic science) of up to \$25,000 over 12 months for research in the basic, clinical, and behavioral science aspects of dental implants. Applications that address areas of research to enhance the public acceptance of implants are welcome.