



**CASE WESTERN RESERVE**  
**UNIVERSITY**  
SCHOOL OF DENTAL MEDICINE

## **News for the School of Dental Medicine Research Community** **July 2011**

*Distributed via email on July 6, 2011*

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### **CTSC Core Utilization Pilot Grants Competition**

The CWRU CTSC has announced the availability of funding, ranging from \$1,000 to \$10,000, to aid in achieving pilot data. Funds are for the use of core services only. Eligible core services are listed here: [http://casemed.case.edu/ctsc/researchers/documents/Core\\_Utilization\\_Pilot\\_Eligible\\_Cores.pdf](http://casemed.case.edu/ctsc/researchers/documents/Core_Utilization_Pilot_Eligible_Cores.pdf). For more details on the competition, please see [http://casemed.case.edu/ctsc/funding/Core\\_Utilization\\_Pilot\\_RFA.pdf](http://casemed.case.edu/ctsc/funding/Core_Utilization_Pilot_RFA.pdf).

### **Searle Scholar Program**

The Searle Scholars Program makes grants to support the independent research of exceptional young faculty in the biomedical sciences and chemistry. This opportunity is for assistant professors in a tenure-track appointment pursuing independent research careers in biochemistry, cell biology, genetics, Immunology, neuroscience, pharmacology, and relevant areas in chemistry, medicine, and the biological sciences. As CWRU is limited in the number of proposals it may submit to the 2012 program, an internal review panel will evaluate potential submissions. This internal proposal must be submitted by July 25. For more information and eligibility criteria, please see <http://ora.ra.cwrw.edu/ospa/funding/SearleScholars.cfm>.

## **CARMA: Research Methods and Analysis Webcasts Available**

CWRU has announced its membership in the Center for the Advancement of Research Methods and Analysis (CARMA) for 2011-2012. The CARMA Consortium Webcast Program is a service from Wayne State University that provides university faculty, graduate students, and other researchers with advanced training in research methods and data analysis for management and organizational sciences. CARMA membership includes:

- **Video Archives:** CARMA membership allows anyone with a CWRU email address access to the video library of previously-recorded webcast lectures originally presented by CARMA between 2004 and spring 2011. In order to view the archived lectures, individuals must first register as a CARMA Website User (remember to use your CWRU email address). Registration is free.
- **Live Webcasts:** CARMA will present ten live webcasts throughout the 2011-2012 academic year. Tentative topics include "Using Secondary Data to do Quality Research", "Ethnographic Writing" and "Debunking Myths and Urban Legends About Meta-Analysis." Live webcasts must be viewed from one central location on campus on the day of the event. Typically, within one to two weeks, the webcasts are available in the archives as well. Once the schedule is announced for Fall 2011, registration will be available online.

Explore the CARMA website and sign up to be a website user at: <http://carma.wayne.edu/default.asp>.

## **SoCRA Certification Exam Announced**

The Society of Clinical Research Associates (SoCRA) will be offering a Certification Examination in Cleveland, OH on Saturday, October 1, 2011. The registration deadline is August 19, 2011. For more information about the examination or registration information please see the SoCRA website at <http://www.socra.org/html/certific.htm#Top>.

The University Hospitals Center for Clinical Research and Technology will be hosting a series of review sessions in preparation for the examination beginning in July. For more information about the review sessions, see the University Hospitals Office of Research Compliance & Education website at <http://www.uhhospitals.org/Research/ResearchComplianceandEducation/EducationOverview/CalendarofEvents/tabid/8320/ModuleID/21315/ItemID/2010/mctl/EventDetails/Default.aspx>.

## **Reminder! Make Your UH IRB Paper-Based Studies Electronic**

If you have a UH IRB approved research study that is paper-based you will need to register your study in iRIS, the IRB's electronic system, as the UH IRB will transition to a fully electronic system by the end of 2011. This registration process involves entering your study's currently approved information into the iRIS system. Once your study has been registered in iRIS, all future forms – amendments, AEs, Continuing Reviews – will be submitted electronically. All studies are required to be registered by December 31, 2011. Instructions are available at <http://www.uhhospitals.org/portals/6/docs/research/irb/Registering-Paper-Based-Studies-iRIS.pdf>. For more information, please call the UH IRB office at 216-844-1529.

## **Tip of the Month: Effort Reporting**

As researchers are being faced with more and more budget cuts, more attention is being paid to salary costs, which are usually the biggest chunk of a project's budget. The Federal Government is conducting more audits on grant funds than ever. As a member of a research team that has received a grant, contract, or cooperative agreement, you are required to keep track of the time you spend on a project.

While exact record-keeping is difficult, especially in labs with multiple related projects, you must provide a reasonable approximation of the time devoted to each project. For example, if your salary is being paid 100%

by sponsored projects, then every minute of your day must be spent on those projects. If you have other duties outside of that project – administrative, instructional, etc. – the amount of time spent outside the project should be estimated and charged elsewhere. **It is your responsibility to ensure that your time and effort is reported accurately. If the amount of effort spent on projects changes, please let your department administrator know.** An effort distribution report is compiled each month. If you have any questions or would like to review your current distribution, please see your department's administrator.

## **NIH Update**

What's new at the NIH? Below is a summary of important notices and announcements issued over the past month.

- 2011 Funding Strategy by Institute
  - Want more information about NIH funding levels by institute? Check out the NIH Extramural Financial Operations site at <http://grants.nih.gov/grants/financial/index.htm#Res11>.

## **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](mailto: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**

All Things Travel – July 11, 2011, 2:00 pm – 3:30 pm, Clark Hall - 104

This class will cover the University travel policy.

## **Research Administration Seminar Series**

Check out <http://ora.ra.cwru.edu/research/orc/education/onlinecalendar.cfm> to see the latest offerings from CWRU and UH on various research topics. Upcoming sessions include:

- Using the UH IRB Informed Consent Tutorial
- Research SOPs
- What is a Regulatory Binder?
- Using ResearchMatch as a Recruitment Tool
- Informed Consent Workshop
- UH IRB iRIS Training

## **All About Grants Podcasts from the NIH**

The Office of Extramural Research (OER) presents conversations with NIH staffers. Designed for investigators, fellows, students, research administrators, and others, the podcasts provide insights on a variety of topics. 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](http://grants.nih.gov/podcasts/All_About_Grants/index.htm)

- New in June: "Why Are Budgets Cut?" and "Using Plain Language for Application Titles, Abstracts, and Public Health Relevance Statements" (rerun from August 2010)

## **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 newsletter.

**Funding Opportunities of Interest**  
*Listed by application deadline date*  
*Last Sent Out via Email: 7/6/2011*  
*Updates since last email are highlighted in yellow*

**\*\*UPDATED: July 15, 2011 – Letter of Intent (August 15, 2011 – Internal Proposal, November 1, 2011 – External ) – Sponsor:** Hartwell Fndn

<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 an at-large bid in The Hartwell Foundation's **Individual Biomedical Research Awards** program. As a result, CWRU is eligible to nominate two faculty members for proposal submission this year. The foundation funds 10 Hartwell Investigators annually for their innovative, early-stage, cutting-edge biomedical research that has the potential to benefit children. These awards provide funding to individual researchers in the U.S. for three years, at \$100,000 direct cost per year. **This will be first year of participation for CWRU.**

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/research-grant.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 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.
- 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 on or after July 1, 2010. Awards up to \$300,000 over a three year period.

**August 1, 2011** – Sponsor: CWRU Clinical and Translational Science Collaborative

[http://casemed.case.edu/ctsc/funding/Core\\_Utilization\\_Pilot\\_RFA.pdf](http://casemed.case.edu/ctsc/funding/Core_Utilization_Pilot_RFA.pdf)

- Funds are available from the CWRU CTSC for the use of Core Services to obtain pilot data.

**August 1, 2011** – Sponsor: U.S. Fulbright Scholar Program

<http://catalog.cies.org/viewAward.aspx?n=2248>

- Opportunity in Hungary for all levels of faculty. Stipend depends on level of appointment. Applicant must be a US Citizen to be eligible.

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

[http://www.aae.org/foundation/grants\\_awards/oppgrants/](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 Research Grant

[http://www.aaid.com/research\\_foundation/Grants\\_and\\_Activities.html](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:
  - To conduct research which determines the feasibility of a larger research project. This may be described as the conduct of pilot studies of venture research.
  - To develop and test new techniques and procedures.
  - To carry out a *small* clinical or animal research project.
  - To analyze existing data.
- Up to \$25,000 over 2 years

**August 15, 2011 – Letter of Intent** – Sponsor: Healthy Smiles, Healthy Children Foundation, American Association of Pediatric Dentistry

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

**August 18, 2011** – Sponsor: American Association of Endodontists

[http://www.aae.org/foundation/grants\\_awards/fdnresearchgrant/](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 3<sup>rd</sup> year investigators focusing their research on the study of dental care programs targeting underserved/limited access children.

**September 1, 2011** – Sponsor: PhRMA Foundation

[http://www.phrmafoundation.org/index.php?option=com\\_award&task=sdetail&id=17](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 7, 2011 (previously listed incorrectly with the standard R21 date)** – 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.

**September 25, 2011** – Sponsor: AHRQ

<http://grants.nih.gov/grants/guide/notice-files/NOT-HS-11-013.html>

Health Issues of Minority Women

**\*\*\*Note: While this entry lists the R18 mechanism deadline, this announcement is also available under the R01 (October 5) and R03 (October 16) mechanisms\*\*\***

- 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

[http://www.usamraa.army.mil/pages/baa\\_forms/index.cfm](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](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.

**October 5, 2011 (and subsequent R01 dates)** – Sponsor: NIH

<http://grants.nih.gov/grants/guide/pa-files/PA-11-218.html>

Mechanistic Studies of HIV-exposed Seronegative Individuals (HESN)

- R01 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 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:
  - 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 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:
  - Explaining disparities in health care and clinical practice;
  - Implementation of research and interventions that aim to reduce disparities in priority populations and settings;
  - Addressing known gaps in research dealing with priority populations;
  - Development of methods to address the heterogeneity of priority populations, small sample sizes and to improve outcomes for priority populations in AHRQ sponsored research;
  - Research on cross cutting issues involving multiple priority population groups and settings (for example, disabled children, minority women, rural maternal and child health, etc);
  - Development of innovative service delivery models for settings in which priority populations receive care.

**October 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.

<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.

**October 16, 2011** – Sponsor: NIH

<http://grants.nih.gov/grants/guide/pa-files/PAR-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:
  - 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 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, 2011 – 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:

- 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;
  - discover biological and behavioral mechanisms that drive the transition from an acute pain state to a chronic dysfunctional pain condition;
  - 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, 2011** – 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 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.

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*Funding Opportunity Archive*

***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](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.

**May 25, 2011** – Sponsor: HRSA

<https://grants.hrsa.gov/webExternal/FundingOppDetails.asp?FundingCycleId=E094A5D3-EF6A-4E0E-8D1D-4E6D4C79F99A&ViewMode=EU&GoBack=&PrintMode=&OnlineAvailabilityFlag=&pageNumber=&version=&NC=&Popup=>

**Health Careers Opportunity Program**

- The purpose of the Health Careers Opportunity Program (HCOP) is to assist individuals from disadvantaged (economically and educationally) backgrounds throughout the educational pipeline to undertake education to enter and graduate from a health or allied health professions program. Applicants are required to propose activities for each of the following eight program purposes: 1) Recruitment, 2) Facilitating Entry, 3) Counseling, Mentoring and Other Services, 4) Preliminary Education and Health Research Training, 5) Financial Aid Information Dissemination, 6) Primary Care Exposure Activities, 7) Development of a More Competitive Applicant Pool, and 8) Stipends.

**May 27, 2011** – Sponsor: STERIS Corporation through CWRU

- Funds from STERIS Corporation will provide seed money to faculty to foster research in emerging and healthcare-associated infections. 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 independently funded awards. Basic science applications are encouraged but should have a clear translational component related to the themes of this request for application. Up to four grants annually will be awarded. At least

*one of these awards will be targeted directly to STERIS' interests. For more information please contact Martha Salata at [mks18@case.edu](mailto:mks18@case.edu).*

**June 1, 2011 (Pre-Proposal Due)** – Sponsor: Damon Runyon Cancer Research Foundation

[http://www.damonrunyon.org/for\\_scientists/more/innovation\\_award\\_overview](http://www.damonrunyon.org/for_scientists/more/innovation_award_overview)

*Damon Runyon-Rachleff Innovation Award*

- *Designed to provide support for the next generation of exceptionally creative thinkers with “high risk/high reward” ideas that have the potential to significantly impact our understanding of and/or approaches to the prevention, diagnosis or treatment of cancer. The Innovation award is specifically designed to provide funding for extraordinary early career researchers who have an innovative new idea but lack sufficient preliminary data to obtain traditional funding. It is not designed to fund incremental advances. The research supported by the award must be novel, exceptionally creative and, if successful, have the strong potential for high impact in the cancer field.*

**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 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 HRSA-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*

- *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/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.*