



CASE WESTERN RESERVE  
UNIVERSITY  
SCHOOL OF DENTAL MEDICINE

## News for the School of Dental Medicine Research Community

April 2013

*Distributed via email on April 4, 2013*

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*Any questions or comments about the information contained in this newsletter can be directed to [dentres@case.edu](mailto:dentres@case.edu).*

### **FY14 Fringe Rate Changes**

Last Friday, the Office of Research Administration announced the FY14 fringe rates. Beginning July 1, 2013, the rate for federally-funded research will be 28% - an increase of 0.75%. The rate for non-federal research will be 31.5% - an increase of 1.5%.

Also, just as a reminder, the F&A rate has also increased for FY14 to 58.5%.

Please use these rates for all new proposals effective immediately.

### **New Online Journal for Dental Student Research**

The first issue of the new on-line research journal, **FORUM for Dental Student Research and Innovation** [FDSRI] is now available at <http://www.fdsri.com/>. The URL will take you to the website that accompanies the journal. To reach the journal, itself, please look near the top of the webpage and click on 'READ ONLINE' or "VIEW THE DIGITAL EDITION."

Faculty and students are invited to submit research manuscripts and other types of articles (e.g. research techniques, mentoring approaches). There is more information about the purpose and scope of the journal on the website. Our founding editorial board includes leading dental faculty from Brazil, China, India, Israel, Japan, Saudi Arabia, South Africa, Sweden, and the U.S.

### **Final Days!! Effort Certifications for 2<sup>nd</sup> Half of 2012**

We are fast approaching the April 15th deadline – for your taxes and your effort certification! A huge thank you to all who have already completed the form. If you have not done it yet, please take a moment and complete it – it only takes a minute or two and will save you from pestering emails and phone calls. To certify, login into Spiderweb at [www.spiderweb.case.edu](http://www.spiderweb.case.edu) and choose "Effort Reporting" from the left side menu.

Have questions? Please contact [dentres@case.edu](mailto:dentres@case.edu).

## **Research ShowCASE**

On Friday April 12, 2013, hundreds of researchers, scientists and scholars will come together for a day of collaboration, creativity, and innovation. Exhibits of real-world applications, critical insights, and creative and intellectual activities will be on view for students, faculty, staff, alumni, business and industry leaders and the community, highlighting the full range of faculty, postdoctoral, and graduate research at CWRU.

Come and see what's happening on campus on Friday, April 12. Doors open at 9:00am. For more details and a complete schedule of events, please visit <https://ora.ra.cwr.edu/showcase/>.

## **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**

CAPS Classes – Check out the latest CAPS classes!

<http://www.case.edu/its/training/capsregistration.html>

- Upcoming classes
  - All Things Travel – April 9, 9:30-12:00pm
  - Running & Interpreting Financial Reports and Reconciling – April 18, 2:30-4:00pm
  - Financial Journals (General Ledger) – April 22, 9:30-11:30pm
  - Sponsored Projects – Cost Transfer – April 22, 3:00-4:00pm
  - ABCs of Financials at Case – May 1, 10:30-12:00pm
  - Effective Interpersonal Communication – May 1, 1:30-4:00pm
  - Purchasing from A to Z (online) – Anytime online!

## **Research Administration Seminar Series**

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

- Maximizing the Features in UHCare to Manage your Research Participants – April 11
- UH Clinical Research Policies – April 17
- Your UH IRB Submission – Get It Done! – April 26
- UH Clinical Research Policies – April 30
- Informed Consent Process – Workshop – May 7
- Research Billing and Compliance – June 26

## **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 March
  - Who Should I Contact at the NIH: Roles of NIH Staff and How They Work Together
  - Who Should I Contact at the NIH: Finding a Funding Opportunity and Developing an Application

## **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

April 4, 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.

### **April 8, 2013 (and future F-series due dates through Dec. 2015)** – Sponsor – AHRQ

<http://grants.nih.gov/grants/guide/pa-files/PA-12-261.html>

AHRQ Individual Awards for Postdoctoral Fellows (F32 – NRSA)

- The purpose of this individual postdoctoral research training fellowship is to provide support to promising fellows with the potential to become productive, independent investigators in health services research, with a research interest in areas and priorities relevant to the mission of AHRQ.

### **April 15, 2013** – Sponsor – Delta Dental

<http://www.deltadentalmi.com/About/Giving-Back/Delta-Dental-Foundation/Delta-Dental-Foundation-Grants/Research-Grant.aspx>

DDF Research Grant

- The grant and its associated guidelines are intended to encourage investigators to develop a long-term view of support for their research, and to encourage use of DDF funding to promote the development of high-quality research in selected areas that can compete successfully for support from other sources. 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 1, 2013 (and the first of every February, May, August, and September through August 2, 2105)** – Sponsor:

AHRQ

<http://grants.nih.gov/grants/guide/pa-files/PA-12-256.html>

AHRQ Grant for Health Services Dissertation Program (R36)

- This announcement represents the continuation of an AHRQ program that provides support to individuals who are conducting research undertaken as part of an accredited academic program to qualify for a research doctorate degree. Applications for dissertation research grants must be responsive to AHRQ's mission, which is to improve the quality, safety, efficiency, and effectiveness of health care for all Americans. Agency research addresses issues of organization, delivery, financing, utilization, patient and provider behavior, outcomes, effectiveness and cost. It evaluates both clinical services and the system in which these services are provided. These scientific results improve the evidence base to enable better decisions about health care, including such areas as disease prevention, appropriate use of medical technologies, improving diagnosis and treatment in cost-effective ways, long-term care, and reducing racial and ethnic disparities.
- Additional deadlines are annually February 1, May 1, August 1, and November 1 through August 2, 2015.

### **May 7, 2013 (and subsequent HIV/AIDS R01 due dates through 9/8/2014)** – Sponsor – NIH

R01 Mechanism: <http://grants.nih.gov/grants/guide/pa-files/PA-11-334.html>

R21 Mechanism: <http://grants.nih.gov/grants/guide/pa-files/PA-11-333.html>

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

- Funding for research projects that propose research on:
  - i) immunopathogenic events that occur early in HIV infection, oral co-infections and AIDS-related oral opportunistic infections;
  - ii) pathogen (viruses, bacteria, fungi) interactions in the oral cavity that induce lesions and exacerbate disease;
  - iii) oral host immune responses (i.e., oral innate, mucosal and adaptive immunity linked to systemic immunity) to HIV infection, oral co-infections (viruses, bacteria, fungi) and oral opportunistic pathogen (viruses, bacteria, fungi) infections that lessen the pathogenic effects of infection, induce remission of oral lesions and diseases, or that occur in the midst of oral therapies and antiretroviral therapies; and

- iv) development and efficacy testing of novel treatments against oral pathogens and the induced immune responses generated.
- The goal is to generate knowledge to guide translational research focused on the development of novel, oral mucosal prophylactic HIV vaccines as well as therapeutic approaches against HIV, oral co-infections and oral opportunistic infections.

**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.

**May 30, 2013 – 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 funds are intended to enhance ongoing research by enabling NIDCR-funded researchers to form new collaborations that were not anticipated at the time of submission, review and funding of the NIDCR parent grant. These collaborative activities must be within the scope of the approved aims of the parent award and are expected to provide novel scientific approaches to the research plan for the NIDCR grantee and collaborators. Collaborations that bring together ideas, theories, methods and approaches from disparate scientific disciplines are particularly encouraged, as are those involving individuals from groups that are currently underrepresented in the biomedical and biobehavioral sciences.

**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 5, 2013 (and future R01 due dates through January 8, 2016) – Sponsor: NIH**

**Dissemination and Implementation Research in Health**

<http://grants.nih.gov/grants/guide/PA-files/PAR-13-055.html>

- 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.

**June 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**

- To encourage research into dental, oral, and craniofacial diseases and disorders for which there is evidence for genetic heritability but for which we do not have a strong understanding of the genetics/genomics of the disease or disorder. Applicable areas of investigation include identification of promising areas of the genome, and characterization and elucidation of the function(s) of genetic variants that affect disease risk in humans. The ultimate goal of these studies will be to drive development of effective diagnostic, therapeutic, and preventive approaches.

**June 5, 2013 (and subsequent R01 through 9/8/2014)** – Sponsor – NIH

<http://grants.nih.gov/grants/guide/pa-files/PA-11-327.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

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

<http://grants.nih.gov/grants/guide/pa-files/PA-11-314.html>

Systems Science and Health in the Behavioral and Social Sciences – R01

- NIDCR supports research that examines community characteristics, the organization of health care systems, and the social contexts that contribute to oral health. Many of the opportunities for improving oral health lie in achieving behavioral, lifestyle and social changes—objectives that are shared with many other scientific areas. Drawing from the expertise of diverse fields within the social and behavioral sciences presents an important opportunity to develop models and approaches that will produce meaningful improvements in oral health. This approach dovetails with the view of oral health as an essential component of general health as cited in the 2000 Surgeon General's report on oral health in America (<http://www.surgeongeneral.gov/library/oralhealth/>). The NIDCR supports systems science projects that explain the determinants of and/or methodologies to improve oral, dental and craniofacial health. Please note the NIDCR will not accept any clinical intervention studies submitted through this FOA

**June 5, 2013 (and subsequent R01 dates through 1/8/2014)** – 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.

**June 5, 2013 (and subsequent R01 dates through 1/8/2014)** – 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, 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.

**June 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.

**June 16, 2013 (and future R03/R21 due dates through January 8, 2016)** – Sponsor: NIH

R21: <http://grants.nih.gov/grants/guide/pa-files/PA-11-054.html>

R03: <http://grants.nih.gov/grants/guide/pa-files/PA-11-056.html>

Dissemination and Implementation Research in Health

- 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.

**June 16, 2013 (and subsequent R03 due dates through September 8, 2015)** – Sponsor: NIH

<http://grants.nih.gov/grants/guide/pa-files/PA-12-120.html>

NIDCR Small Research Grants for Oral Health Data Analysis and Statistical Methodology Development (R03)

- The goal of this funding opportunity announcement is to support meritorious research projects that involve secondary data analyses of existing oral or craniofacial database resources, or to develop needed statistical methodology for analyzing oral and craniofacial data using existing oral or craniofacial databases.

**June 16, 2013 (and subsequent R34 due dates through September 8, 2014)** – Sponsor – NIH

<http://grants.nih.gov/grants/guide/pa-files/PA-11-338.html>

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.

**June 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.

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

<http://grants.nih.gov/grants/guide/pa-files/PA-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, and the social contexts that contribute to oral health. Many of the opportunities for improving oral health lie in achieving behavioral, lifestyle and social changes—objectives that are shared with many other scientific areas. Drawing from the expertise of diverse fields within the social and behavioral sciences presents an important opportunity to develop models and approaches that will produce meaningful improvements in oral health. This approach dovetails with the view of oral health as an essential component of general health as cited in the 2000 Surgeon General's report on oral health in America (<http://www.surgeongeneral.gov/library/oralhealth/>). The NIDCR supports systems science projects that explain the determinants of and/or methodologies to improve oral, dental and craniofacial health. Please note the NIDCR will not accept any clinical intervention studies submitted through this FOA.

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

<http://grants.nih.gov/grants/guide/pa-files/PA-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 16, 2013 (and subsequent R21 due dates through January 8, 2014)** – 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, 2013 (and subsequent R21 dates through May 8, 2014)** – 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.

**June 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 impact their health. Focuses on ethnic and racial minority children and populations of underserved children.

**June 16, 2013 (and subsequent R21 dates through May 8, 2014)** – 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, 2013 (and subsequent R21 dates through May 8, 2014)** – 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, 2013 (and subsequent R21 dates through May 8, 2014) – 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 9, 2013 – Sponsor – Ohio Dental Association Foundation**

<http://www.oda.org/community-involvement/oda-foundation/odaf-grants-and-scholarships> (scroll down to ODAF Grants for link to pdf with application info)

### ODAF Grant Program

- The ODA Foundation developed focus areas that will enable it to have an impact on the future of dentistry. Project grants will need to fulfill one of the following focus areas:
  - Facilitate learning opportunities that will impact how dentistry plans for the future
  - Support a strong dental education environment in Ohio
  - Expand the pool of qualified dental auxiliaries for dental practices through educational training grants
  - Fund public service projects and worthwhile initiatives suggested by ODA members, component dental societies, and ODA Councils and Committees
  - Support programs that improve the image and quality of the dental profession

## **July 18, 2013 – Sponsor - NIH**

<http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-13-019.html>

### Drug Target Development and Validation for Antimicrobial-Resistant Pathogens (R21/R33)

- This initiative is designed to capitalize on the numerous potential drug targets identified through basic research on pathogenesis and the immunobiology of infectious diseases. This initiative seeks to stimulate characterization and validation of these potential therapeutic targets for early phase therapeutic discovery and development activities. Of particular interest is the development of innovative and creative assay methods and validation of potential therapeutic targets that have previously been described.

Projects eligible for support include target development for: 1) small molecule inhibitors, 2) therapeutic antibodies and peptides, and 3) adjunctive therapeutics targeting resistance mechanisms that may not perpetuate the spread of resistance.

## **August 15, 2013 – Sponsor - NIH**

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DE-14-001.html>

### Functional Characterization of Oral Cancer Initiating Cells

- The primary objective of this FOA is to elucidate the cellular origins, molecular properties and functional roles of oral Cancer-Initiating Cells (CICs) and their microenvironment. The long-term objective is to use this knowledge to facilitate the development of new targeted and effective therapies for Oral Squamous Cell Carcinomas (OSCCs). The major intent is to move the field beyond phenotypic characterization of oral CICs and their niches and to support studies that provide actionable quantitative molecular data to target CICs effectively for the treatment of OSCC.

## **October 12, 2013 – Sponsor: NIH-NIDCR**

<http://grants.nih.gov/grants/guide/pa-files/PA-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 community of investigators engaged in research on temporomandibular joint disorders (TMJDs) and orofacial pain. The objectives of this FOA are to:
  - increase the number of basic and clinical investigators who are trained in the sciences relevant to TMJD or orofacial pain research;
  - facilitate and improve the mentoring of this new group of scientists;
  - bring new scientific expertise to TMJD and orofacial pain research.

The expected outcomes of this Initiative will be:

- an increase in the number of TMJD/orofacial pain research leaders who will apply for and obtain independent funding support and
- an increased number of multidisciplinary research teams led by junior investigators or, investigators new to the TMJD and orofacial pain fields.

**February 20, 2014** – Sponsor: NIH/NLM

<http://grants.nih.gov/grants/guide/pa-files/PAR-13-014.html>

Grants for Scholarly Works in Biomedicine and Health

- The National Library of Medicine (NLM) awards Grants for Scholarly Works in Biomedicine and Health for the preparation of book-length manuscripts and other scholarly works of value to U.S. health professionals, public health officials, biomedical researchers, and historians of the health sciences. Grants are awarded for major critical reviews, state-of-the-art summaries, historical studies, and other useful organizations of knowledge in clinical medicine, public health, biomedical research, and the informatics/information sciences relating to them. The scholarly work may be prepared for publication in print or electronic media, or both.

**March 20, 2014 (and annually thereafter through 2015)**– Sponsor: NIH

<http://grants.nih.gov/grants/guide/pa-files/PAR-13-029.html>

Opportunities for Collaborative Research at the NIH Clinical Center (U01)

- The goal of this funding opportunity announcement (FOA) is to support collaborative translational research projects aligned with NIH efforts to enhance the translation of basic biological discoveries into clinical applications that improve health. This opportunity is specifically to promote partnerships between NIH intramural investigators (e.g., those conducting research within the labs and clinics of the NIH) and extramural investigators (e.g., those conducting research in labs outside the NIH). It will provide support for extramural investigators to take advantage of the unique research opportunities available at the NIH Clinical Center by conducting research projects in collaboration with NIH intramural investigators.

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