



News for the School of Dental Medicine Research Community

December 2013

Distributed via email on December 3, 2013

Contents:

2014 ACES+ Advance Opportunity Grants

CTSC 2014 Annual Pilot Grant Competition

FY14 Mid-Year Hard Close Info

Spring Courses in the Master's in Clinical Research Program (CRSP)

Avoiding Problems with Suspension and Debarment

Researcher Profiles

Other Educational Opportunities on or Around Campus

Funding Opportunities – updated for December 2013

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

2014 ACES+ Advance Opportunity Grants

Through the support of President Barbara R. Snyder, Provost Bud Baeslack, the Offices of the Deputy Provost and the Vice President of Research, the ACES+ Program is now offering Advance Opportunity Grants. Advance Opportunity Grants provide **small amounts of supplemental support** of current or proposed projects and activities where funding is difficult to obtain through other sources.

For more information, please see the ACES+ website at <http://www.case.edu/admin/aces/opportunity.html>. The deadline for applications is December 14.

CTSC 2014 Annual Pilot Grant Competition

The CTSC Annual Pilot Program is for researchers to conduct innovative translational research projects focused on the invention, preclinical development and/or first in man studies of novel therapeutic agents, biomedical devices, and diagnostics designed to address unmet clinical needs. Funding is intended to facilitate development of enabling technologies; new therapeutic, diagnostic or outcomes assessment approaches and/or device; novel cross-disciplinary collaborative programs; and promote research in the community. Research which may create intellectual property is encouraged. If funding would enhance an existing non-federally funded project or enable a proposal to a federal agency for use of CTSC and CTRP resources, the application would be considered. This pilot has few restrictions and allows for the hiring of personnel. Researchers new to clinical research, clinical research scholars, or experienced researchers who are moving into a new area of research are strongly encouraged to apply.

Deadline for application is January 15. Please see <http://casemed.case.edu/ctsc/funding/pilot.cfm> for more details.

FY14 Mid-Year Hard Close Information

The process of closing the books for fiscal 2013 has begun. Key closing dates and important deadlines are outlined in the 2014 Mid-Year Hard Close Memo and the Year End Close checklist is available to assist you in the year-end close process. Please take special notice of the information contained in this document, and share it with your staff and others that you deem appropriate. If you have questions or need further information, please do not hesitate to contact either the Controller's Office at 368-2126.

Both the memo and the checklist can be found on the Controller's Office website at <http://www.cwru.edu/finadmin/controller/>.

Spring Courses in the Master's in Clinical Research (CRSP)

The Clinical Research Scholars Program (CRSP) has many educational, informative, relevant, and wonderful spring courses that may be of interest to you, your staff, and/or other medical personnel.

The following are a list of the CRSP courses offered this spring:

- CRSP 407, Statistical Methods: Logistic Regression and Survival Analysis
- CRSP 412, Communication in Clinical Research – Grant Writing
- CRSP 500, Design and Analysis of Observational Studies
- CRSP 502, Leadership Skills for Clinical Research Teams
- CRSP 504, Managing Research Records – A System's Approach
- CRSP 505, Investigating Social Determinants of Health

For more information, please contact Angela Bowling (axb710@case.edu, 368-2601), the Educational Administrator for the program.

Avoiding Problems with Suspension and Debarment

Federal regulations require Case Western Reserve University to conduct business only with vendors, subcontractors, subawardees and individuals who are in good standing with the federal government. Anyone who is not in good standing with federal agencies cannot work on or provide services for government grants or contracts. People and entities who are subject to these restrictions are generally described as having been "debarred," "suspended" or "excluded."

To avoid inadvertent problems, visit <http://www.sam.gov> and verify that study staff, collaborators and vendors are not debarred, suspended or otherwise ineligible to receive federal funds.

Researcher Profiles

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

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

Educational Opportunities

CAPS Classes – Check out the latest CAPS classes!

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

- Upcoming classes
 - Effective Interpersonal Communication – December 4, 1:00-3:30pm
 - Running and Interpreting Financial Reports and Reconciliation – December 9, 2:00-3:30pm
 - Sponsored Projects: Project Monitoring – December 11, 2:30-3:30pm
 - Purchasing from A to Z – Anytime online!
 - Financial Journals – Anytime online!
 - Financial Cashiering – Anytime online!

Research Administration Seminar Series

Check out <https://research.case.edu/Education/Onlinecalendar.cfm> to see the latest offerings from CWRU and UH on various research topics. Upcoming sessions include:

- Sparta Training – Multiple sessions
- Informed Consent Series Part 8: Conflicts of Interest and Informed Consent – December 6
- How to Use ResearchMatch as a Recruitment Tool – December 12, January 9
- Clinical Research Forum – December 18
- iRIS Training: New Protocol Submissions – December 19, January 16
- How Do You Know When an IND is Required? Application Submission Steps – January 7
- Maintaining Your Investigational New Drug (IND) with the FDA: Keys for Success – January 21
- iRIS Training: Submitting Protocol Amendments – January 23
- iRIS Training: Submitting Continuing Reviews – January 30
- RESCHEDULED: Informed Consent Series Part 6: Involving Children in Research – February 7
- How Do You Know When an IDE is Required? Application Submission Steps – February 11
- Maintaining your Investigational Device Exemption (IDE) with the FDA: Keys for Success – February 25

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.

Also, subscribe to the new YouTube Channel for exciting videos about the NIH and grants -

<http://www.youtube.com/user/NIHgrants/>

List of Funding Opportunities

For your convenience, a running list of funding opportunities that may be of interest to the community is provided. This 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

December 3, 2013

Updates since last email are highlighted in yellow

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

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

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

Innovation Fund for Oral Health

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

Due Date Determined by Institute (through September 30, 2015) – Sponsor – NIH

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

Research Supplements to Promote Diversity in Health-Related Research

- The National Institutes of Health (NIH) and the Centers for Disease Control and Prevention (CDC) hereby notify Program Director(s)/Principal Investigator(s) (PD(s)/PI(s)) holding specific types of NIH research grants, listed in the full Funding Opportunity Announcement (FOA) that funds are available for administrative supplements to improve the diversity of the research workforce by supporting and recruiting students, postdoctorates, and eligible investigators from groups that have been shown to be underrepresented in health-related research. All applicants are strongly encouraged to discuss potential funding requests with their Program Officer at the NIH.

December 9, 2013 – Sponsor – IADR/GlaxoSmithKine

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

IADR Innovation in Oral Care

- Competitive Award(s), of up to \$75,000 each, will be provided to recipients to advance oral care programs directed toward the development of innovative and novel compounds, biomaterials or devices that can be used ultimately at the public health level.

December 9, 2013 – Sponsor- IADR/Academy of Osseointegration

<http://www.iadr.com/i4a/pages/index.cfm?pageid=3920>

IADR Innovation in Implant Sciences Award

- The Award is intended to help investigators pursue innovative and novel research in oral care that involves, but is not limited to, dental implant therapy.

December 14, 2013 – Sponsor – CWRU ACES+ Program

<http://www.case.edu/admin/aces/opportunity.html>

ACES+ Advance Opportunity Grants

- Advance Opportunity Grants provide **small amounts of supplemental support** of current or proposed projects and activities where funding is difficult to obtain through other sources.

January 7, 2014 (and subsequent HIV/AIDS due dates through 9/8/2016) – Sponsor: NIH

R01: <http://grants.nih.gov/grants/guide/pa-files/PA-13-377.html>

R21: <http://grants.nih.gov/grants/guide/pa-files/PA-13-378.html>

Research on Malignancies in the Context of HIV/AIDS

- The purpose of this funding opportunity announcement (FOA) is to continue advancing our understanding of the risks, development, progression, diagnosis, and treatment of malignancies observed in individuals with an underlying Human Immunodeficiency (HIV) infection or Acquired Immune Deficiency Syndrome (AIDS). The NCI and NIDCR encourage research in areas such as the study of the etiologic factors, cofactors, immunopathogenesis, diagnosis, and consequences of both AIDS-defining and non-AIDS defining malignancies in diverse populations in the context of an underlying HIV infection. This FOA encourages research efforts that will: (i) provide information on the clinical outcomes of such cancers in the HIV-infected population; and (ii) identify specific contributions resulting from HIV infection and its potential interaction with other pathogens for the development and pathogenesis of these cancers. Ultimately, such efforts could inform screening approaches and therapies targeted to the HIV-infected population.

January 7, 2014 (and subsequent HIV/AIDS R01 due dates through 9/8/2016) – Sponsor – NIH

R03: <http://grants.nih.gov/grants/guide/pa-files/PA-13-314.html>

R21: <http://grants.nih.gov/grants/guide/pa-files/PA-13-315.html>

Small Grants on Primary Immunodeficiency Diseases

- Primary immunodeficiency diseases result from inherited (i.e., genetic) defects in the immune system. More than 150 primary immunodeficiency diseases and 120 different genes causing these diseases have been identified as noted in the International Union of Immunological Societies Expert Committee for Primary Immunodeficiency (<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3342372/>). While individual primary immunodeficiency diseases are rare, as a group they may affect 1-2% of the population. Primary immunodeficiency diseases provide an excellent window into the functioning of the immune system.

January 7, 2014 (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.

January 8, 2014 (and May 8, 2014, September 9, 2014, and January 8, 2015) – Sponsor: NIH

R01: <http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-14-024.html>

R21: <http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-14-029.html>

Basic Research in the Pathogenesis of HIV-Related Heart, Lung, and Blood (HLB) Diseases in Adults and Children

- The purpose of this funding opportunity announcement (FOA) is to encourage basic research to investigate the fundamental mechanisms of HIV-related heart, lung, and/or blood (HLB) diseases alone and in the context of antiretroviral therapy (ART). Investigations may be conducted on various primary cell types (e.g., hematopoietic stem cells and the surrounding niche), biospecimens, computational models, and animal models, particularly those used for HIV research. The use of HIV specimens in existing biorepositories and other human samples is highly encouraged, and their analyses should be directed towards basic research questions. The goal is to provide the critical basic science foundation and guide the design of new therapeutic approaches for HIV-related HLB conditions.

January 13, 2014 – Sponsor: IADR/Colgate Palmolive

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

Research Prevention Travel Awards

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

January 13, 2014 – Sponsor: IADR

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

IADR Heraeus Kulzer Travel Award

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

January 15, 2014 – Sponsor: CWRU CTSC

<http://casemed.case.edu/ctsc/funding/pilot.cfm>

CTSC Annual Pilot Program

- The CTSC Annual Pilot Program is for researchers to conduct innovative translational research projects focused on the invention, preclinical development and/or first in man studies of novel therapeutic agents, biomedical devices, and diagnostics designed to address unmet clinical needs.

January 15, 2014 (June 14, 2014 and January 16, 2015) – Sponsor: NIH

R01: <http://grants.nih.gov/grants/guide/rfa-files/RFA-OD-13-011.html>

R03: <http://grants.nih.gov/grants/guide/rfa-files/RFA-OD-13-012.html>

R21: <http://grants.nih.gov/grants/guide/rfa-files/RFA-OD-13-010.html>

Tobacco Control Regulatory Research

- This Funding Opportunity Announcement (FOA) encourages biomedical, behavioral, and social science research that informs the development and evaluation of regulations on tobacco product manufacturing, distribution, and marketing. Research projects must address the research priorities related to the regulatory authority of the Food and Drug Administration (FDA) Center for Tobacco Products (CTP) as mandated by the Family Smoking Prevention and Tobacco Control Act (FSPTCA).

January 30, 2014 – Sponsor – NIH

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

Administrative Supplements for Collaborative Science

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

February 1, 2014 – Sponsor: PhRMA Foundation

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

Research Starter Grant – Health Outcomes

- The purpose of the PhRMA Foundation Research Starter Grants is to offer financial support to individuals beginning their independent research careers at the faculty level. The program provides a research grant of \$100,000 for one year. This program supports individuals beginning independent research careers in academia who do not have other substantial sources of research funding.

February 5, 2014 (and future R01 dates through September 8, 2015) – Sponsor: NIH

(R21 companion announcement linked below)

<http://grants.nih.gov/grants/guide/pa-files/PA-13-379.html>

Establishing Outcome Measures for Clinical Studies of Oral and Craniofacial Diseases and Conditions (R01)

- Study outcomes or endpoints used in a clinical trial or study must provide reliable and valid signals for the efficacy of the intervention being tested or to reliably document disease prevalence and/or progression. The lack of defined, valid outcome measures has limited clinical studies of some oral and craniofacial diseases and conditions. This funding opportunity announcement (FOA) aims to address this problem by supporting research that will establish well-founded clinical outcome measures to be used in oral and craniofacial research. The developed outcome assessment(s) may be used to characterize a disease, its progression or its severity, or it may serve as a clinical endpoint to measure treatment efficacy in future studies. This FOA also encourages development of clinician-reported, patient-reported or observer-reported (i.e., parent- or caregiver-reported) outcome measures to capture clinical differences that are meaningful to individuals affected by a disease or condition.

February 5, 2014 (and future R01 dates through September 8, 2016) – Sponsor: NIH

<http://grants.nih.gov/grants/guide/pa-files/PA-13-292.html>

Behavioral and Social Science Research on Understanding and Reducing Health Disparities

- Given the extensive scientific literature documenting health inequities, this announcement calls for research to address and to improve understanding of the causes of health disparities. In so doing, the announcement stresses the explicit employment of concepts and models from the behavioral and social sciences to guide applications in basic social and behavioral, and applied social and behavioral research by focusing on three action areas: public policy, health care, and disease/disability prevention. It emphasizes (1) basic social and behavioral research — acting with or through biological — pathways that give rise to disparities in health and (2) applied or translational research on the development, testing, adaptation, and delivery of interventions to reduce disparities. It encourages a multi-level analytic framework (i.e., ranging from individuals to societies) in investigating public health issues and their interactions (e.g., multiple morbidities rather than single illnesses) as well as attention to risk factors or causal processes common to various health conditions (e.g., smoking, diet, exercise, environmental risk, and access to health care.)

February 5, 2014 (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/PA-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.

February 5, 2014 (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.

February 5, 2014 (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

February 5, 2014 (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

February 5, 2014 (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.

February 5, 2014 (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.

February 5, 2014 (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.

February 7, 2014 – Sponsor: AHRQ

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HS-14-005.html>

Patient Safety Learning Laboratories: Innovative Design and Development to Improve Healthcare Delivery Systems

- In recognizing both the successes and limitations of patient safety efforts thus far, there remains a need to create opportunities for new ways of thinking and learning, and for fresh approaches that can be tested, revised and further developed when considered promising. As conceived in this FOA, learning laboratories are places and professional networks that allow multidisciplinary teams to identify interrelated threats to patient safety, stretch professional boundaries, envision bold design innovations, and take advantage of brainstorming and rapid prototyping techniques that other leading-edge sectors of the economy employ. Further, opportunities are needed to refine promising design interventions by engaging in multiple develop-test-revise iterations as occur in system engineering projects. The ultimate goal of the Learning Laboratories is to test the

integrated system in simulated clinical settings or in the context of actual clinical settings. Applicants that focus upon significant interrelated patient safety issues while simultaneously addressing frequent and high-cost care that occurs in under-resourced communities are also welcomed.

February 7, 2014 – Sponsor: MIH

<http://grants.nih.gov/grants/guide/rfa-files/RFA-HS-14-007.html>

Deliberative Approaches: Patient and Consumer Input for Implementing Evidence-Based Health Care (R21)

- The purpose of this FOA is to develop and demonstrate the use of deliberative methods in convening patients or the public to address complex issues related to the implementation of health care policies, programs, or other decisions that are designed to improve research or care (and, ultimately, health outcomes) in a specific setting. The projects will be funded through the Patient Centered Outcomes Research (PCOR) Trust Fund, consistent with the statutory requirement in The Affordable Care Act (P.L. 111-148) that AHRQ broadly disseminate research relevant to comparative clinical effectiveness research. Projects funded under this FOA will promote the active contribution of patients and the public to assuring that comparative effectiveness research is disseminated and implemented to best effect in improving care.

February 16, 2014 (and future R21 dates through September 8, 2015) – Sponsor: NIH

(R01 companion announcement linked in list above)

<http://grants.nih.gov/grants/guide/pa-files/PA-13-380.html>

Establishing Outcome Measures for Clinical Studies of Oral and Craniofacial Diseases and Conditions

- Study outcomes or endpoints used in a clinical trial or study must provide reliable and valid signals for the efficacy of the intervention being tested or to reliably document disease prevalence and/or progression. The lack of defined, valid outcome measures has limited clinical studies of some oral and craniofacial diseases and conditions. This funding opportunity announcement (FOA) aims to address this problem by supporting research that will establish well-founded clinical outcome measures to be used in oral and craniofacial research. The R21 activity code is intended to encourage new exploratory and developmental research projects. For example, projects could assess the feasibility of using a new experimental outcome measure that has the potential to enhance health-related research. Another example could include the unique and innovative use of an existing method of assessing one disease to explore the method's ability to measure another. An R21 grant application need not have extensive background material or preliminary information.

February 16, 2014 (and future R21 dates through September 8, 2016) – Sponsor: NIH

<http://grants.nih.gov/grants/guide/pa-files/PA-13-288.html>

Behavioral and Social Science Research on Understanding and Reducing Health Disparities

- Given the extensive scientific literature documenting health inequities, this announcement calls for research to address and to improve understanding of the causes of health disparities. In so doing, the announcement stresses the explicit employment of concepts and models from the behavioral and social sciences to guide applications in basic social and behavioral, and applied social and behavioral research by focusing on three action areas: public policy, health care, and disease/disability prevention. It emphasizes (1) basic social and behavioral research — acting with or through biological — pathways that give rise to disparities in health and (2) applied or translational research on the development, testing, adaptation, and delivery of interventions to reduce disparities. It encourages a multi-level analytic framework (i.e., ranging from individuals to societies) in investigating public health issues and their interactions (e.g., multiple morbidities rather than single illnesses) as well as attention to risk factors or causal processes common to various health conditions (e.g., smoking, diet, exercise, environmental risk, and access to health care.)

February 16, 2014 (and future R03/R21 due dates through January 8, 2016) – Sponsor: NIH

R21: <http://grants.nih.gov/grants/guide/pa-files/PA-13-054.html>

R03: <http://grants.nih.gov/grants/guide/pa-files/PA-13-056.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.

February 16, 2014 (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.

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

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

NEW! Clarifying notice: <http://grants.nih.gov/grants/guide/notice-files/NOT-DE-14-001.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.

February 16, 2014 (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.

February 16, 2014 (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.

February 16, 2014 (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.

February 16, 2014 (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.

February 16, 2014 (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.

February 16, 2014 (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

February 20, 2014 – Sponsor: NIH/NLM

<http://grants.nih.gov/grants/guide/pa-files/PA-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 7, 2014 – Sponsor: NIH

U01 - <http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-14-001.html>

U19 - <http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-14-002.html>

International Collaborations in Infectious Diseases Research

- The purpose of this Funding Opportunity Announcement (FOA) is to solicit applications from U.S. institutions and collaborating foreign (non-U.S.) institutions to study infectious diseases (excluding HIV/AIDS) of great public health significance in resource-constrained countries. The collaboration must include, at a minimum, one U.S. institution and one eligible foreign institution. Eligible foreign countries are defined as low-income economies, lower-middle-income economies, and upper-middle-income economies, as defined by the World Bank. This work is expected to increase scientific knowledge on public health related issues, enhance relevant research experience for U.S. and foreign investigators, promote the development of research capacity, and encourage future collaborative relationships.

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

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

October 10, 2014 (and October 9, 2015) – Sponsor: NIH

<http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-13-006.html>

NIH Pioneer Award Program

- The NIH Pioneer Award initiative is part of the NIH Common Fund (formerly known as the NIH Roadmap), which supports cross-cutting programs that are expected to have exceptionally high impact. All Common Fund initiatives invite investigators to develop bold, innovative, and often risky approaches to address problems that may seem intractable or to seize new opportunities that offer the potential for rapid progress.

October 17, 2014 (and October 16, 2015) – Sponsor: NIH

<http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-13-007.html>

NIH Director's New Innovator Award Program

- The NIH Director's New Innovator Award addresses two important goals: stimulating highly innovative research and supporting promising new investigators. New investigators may have exceptionally innovative research ideas, but not the preliminary data required to fare well in the traditional NIH peer review system. As part of NIH's commitment to increasing opportunities for new scientists, it has created the NIH Director's New Innovator Award to support exceptionally creative new investigators who propose highly innovative research projects that have the potential for unusually high impact. This award complements ongoing efforts by NIH and its Institutes and Centers to fund new investigators through R01 grants and other mechanisms.
