



## News for the School of Dental Medicine Research Community October 2013

*Distributed via email on October 2, 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).*

### **Sparta Pre-Award Hand-On Training Session**

On October 21, the Sparta Pre-Award System will go live for the SODM community. IT and ORA have set up a number of hands-on training sessions that will provide an overview of the system and allow each user to create different scenarios and work through them. Though some are geared towards specific groups, please feel free to attend any sessions. The schedule is as follows:

- Tuesday, October 8 from 9:30-11:30
- Wednesday, October 9 from 1:00-2:30
- Thursday, October 10 from 9:30-11:30
- Tuesday, October 15 from 9:30-11:30
- Wednesday, October 16 from 1:00-2:30
- Thursday, October 17 from 9:30-11:30

All sessions will be held in the Robbins Computer Lab in the SOM – Room E324. Please register at <https://research.case.edu/Education/Onlinecalendar.cfm> for as many sessions as you would like.

### **Limited Submission Opportunity: NIH Director's Early Independence Award**

The NIH Director's Early Independence Awards provide an opportunity for exceptional junior scientists, who have already established a record of innovation and research productivity, to have an accelerated entry into an independent research career. It is also an opportunity for research intensive institutions to invigorate their research departments by recruiting outstanding, early career scientists.

At the time of funding to the grantee Institution, the Early Independence investigator must have received a PhD, MD, DO, DC, DDS, DVM, OD, DPM, ScD, EngD, Dr PH, DNSc, ND (Doctor of Naturopathy), PharmD, DSW, PsyD, or equivalent doctoral degree from an accredited domestic or foreign institution (it is the responsibility of the sponsoring institution to determine if a foreign doctoral degree is equivalent).

For more information, please visit <https://research.case.edu/LimitedSubmissions/NIHEarlyIndependence.cfm>. The internal deadline for this opportunity is Thursday, October 31, 2013.

## **CTSC KL2 Career Development Awards – Informational Meeting**

In last month's newsletter, details were provided about the CTSC KL@ Career Development Awards. Since then, the CTSC has set up an informational meeting for interested researchers to learn more about the program. The meeting will be held on Wednesday, October 9 from 8:30-9:30am in BRB 1100. Reservations are requested – please contact Beth Spyke ([spykeb@ccf.org](mailto:spykeb@ccf.org), 216-444-2702) if you plan on attending.

Program Info: Qualified candidates are being offered an opportunity to apply to an innovative career development program whose purpose is to train clinician investigators. The CTSC KL2 is designed to train the nation's future leaders in clinical and translational research, and is part of the NIH Roadmap aimed at "re-engineering the clinical research enterprise." Each scholar will embark on a 4 year program of intensive training in multidisciplinary team-based, patient-oriented clinical research, combining an innovative curriculum with mentored research experiences.

The deadline to submit an application is October 31. Information on eligibility and application information can be found at <http://casemed.case.edu/ctsc/education/kl2/>.

## **Association of Clinical Research Professionals NE OH Chapter Education Day**

On Friday, November 8, 2013 the Northeast Ohio Chapter of ACRP will host its 6<sup>th</sup> annual education conference "Promoting Clinical Research through Innovative Technology". For more information, including the agenda and registration details, please visit <http://www.cvent.com/events/acrp-promoting-clinical-research-through-innovative-technology/event-summary-a6a0fe110d9b4a19a05fa8317dbcf6a9.aspx>.

## **Science and Dentistry in Action: Leading the Way Towards Better Health**

The NIDCR, the Delta Dental Plans Association, and the Institute for Oral Health are joining forces to bring together top researchers and clinicians for a day of interactive learning and stimulating discussion of current areas of dental science and practice. "Science and Dentistry in Action: Leading the Way Towards Better Health" will take place November 14-15 in Bethesda, Maryland. Be there to learn, share your thoughts, and take home knowledge of how new and exciting developments in science and technology are improving oral health. Program participants will have the opportunity to discuss and explore the scientific rationale/underpinnings of clinical issues commonly encountered in dental practice; identify dental preventive, diagnostic, or treatment modalities for which better evidence and clinical-decision tools could be developed; identify areas requiring more in-depth basic research; and discuss emerging new tools and technologies with the potential to improve dental practice and patient outcomes.

More information can be found at <http://www.cvent.com/events/science-and-dentistry-in-action-leading-the-way-towards-better-health/event-summary-b6225eba9a104927ab7de6e2a329abed.aspx>.

## **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
  - ABCs of Financials – October 9, 3:00-4:00pm
  - Running and Interpreting Financial Reports and Reconciliation – October 28, 9:30-11:00am

- 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:

- Research @ CWRU: Boot Camp –Multiple Dates in October (October 15,17, and 31)
- Getting Started: Submitting to the IRB – October 4
- Informed Consent Series Part 5: Online Consent and Waivers – October 10
- Continuing Review Submission – October 14
- Informed Consent Series Part 6: Involving Children in Research – November 5
- Closure of IRB Protocols – November 13
- Informed Consent Series Part 7: Involving Non-English Speakers in Research – November 21
- Informed Consent Series Part 8: Conflicts of Interest and Informed Consent – December 6

### 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).

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*

*October 2, 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.*

**Please note, at the time this list was updated in October, the shutdown of the Federal government was ongoing. For information regarding the submission of applications during the shutdown, please visit the Office of Research Administration website at <https://research.case.edu/>.**

Rolling Deadline (4<sup>th</sup> Thursday of Each Month) – Sponsor: DentaQuest Foundation

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

Innovation Fund for Oral Health

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

Due Date Determined by Institute – Sponsor – NIH

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

Research Supplements to Promote Diversity in Health-Related Research

- 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.

**October 5, 2013 (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.)

**October 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.

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

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

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

- 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.

**October 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

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

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

**October 5, 2013 (and subsequent R01 dates through 1/8/2014)** – Sponsor: NIH

<http://grants.nih.gov/grants/guide/pa-files/PAR-11-082.html>

Pathophysiology and Clinical Studies of Osteonecrosis of the Jaw

- R01 funding mechanism. See Part 2 Section 1. Scope for examples of research fitting this topic of inquiry.

**October 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.

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

<http://grants.nih.gov/grants/guide/pa-files/PA-11-158.html>

Biomarkers of Infection-Associated Cancers

- R01 Funding Mechanism: Funding for research that proposes to identify biomarkers for cancers where the etiology of the disease is attributed to infectious agents.

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

<http://grants.nih.gov/grants/guide/pa-files/PA-11-148.html>

Nanoscience and Nanotechnology in Biology and Medicine

- R01 Funding Mechanism: The NIDCR is interested in research projects that focus on nanoscience and nanotechnology approached such as, but not limited to:
  - Understand, control, and manipulate cellular process of orofacial structures (e.g. tooth, salivary glands, bone, muscles);
  - Develop new materials with novel properties for the repair of tooth decay and periodontal disease;
  - Develop new technologies for the study and the prevention of oral biofilm formation.

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

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

**October 16, 2013 (and future R01 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.)

**October 16, 2013 (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.

**October 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.

**October 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.

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

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

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

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

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

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

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

**October 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

**October 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.

**October 16, 2013 (and subsequent R21 dates through January 8, 2014)** – Sponsor: NIH

<http://grants.nih.gov/grants/guide/pa-files/PA-11-105.html>

Reducing Health Disparities Among Minority and Underserved Children

- R21 funding mechanism. Designed to stimulate research that targets the reduction of health disparities among children. "Health disparities" applies to children who have limited access to resources and privileges that impact their health. Focuses on ethnic and racial minority children and populations of underserved children.

**October 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.

**October 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.

**October 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

**October 18, 2013 (and October 10, 2014, 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 25, 2013 (and October 17, 2014, 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.

**October 31, 2013 (Internal Submission Deadline)** – Sponsor: NIH

<https://research.case.edu/LimitedSubmissions/NIHEarlyIndependence.cfm>

NIH Director's Early Independence Award

- The NIH Director's Early Independence Awards provide an opportunity for exceptional junior scientists, who have already established a record of innovation and research productivity, to have an accelerated entry into an independent research career. It is also an opportunity for research intensive institutions to invigorate their research departments by recruiting outstanding, early career scientists. Exceptional graduate students or clinicians nearing the completion of their PhD (or equivalent) or for clinicians (MD or equivalent) the end of their medical residency may contact appropriate Institutional scientific leaders to seek an appointment as an independent research scientist.

**October 31, 2013 (Pre-Proposal Deadline)** – Sponsor: Doris Duke Charitable Trust

<http://www.ddcf.org/Programs/Medical-Research/Goals-and-Strategies/Build-the-Clinical-Research-Career-Ladder/Clinical-Scientist-Development-Award/>

Clinical Scientist Development Award

- The Doris Duke Clinical Scientist Development Award provides grants to junior physician scientists to facilitate their transition to independent clinical research careers. Pre-proposals are being sought from junior physician-scientist faculty conducting clinical research in any disease area. It is recommended that applicants have significant research experience and strong publication records consistent with the assistant professor rank. *In keeping with the wishes expressed in Doris Duke's will, experiments that use animals or primary tissues derived from animals will not be supported by this program*

**November 12, 2013** – Sponsor: Bill and Melinda Gates Foundation

<http://www.grandchallenges.org/Explorations/Pages/ApplicationInstructions.aspx>

Grand Challenges Exploration – Round 12

- Grand Challenges Explorations is an extension of the Grand Challenges in Global Health initiative. Both initiatives focus on encouraging innovation in global health research, although the Explorations grants targets smaller projects that are at an earlier stage of discovery. Topics for Round 12 include:
  - Inciting Healthy Behaviors: nudge, disrupt, leapfrog, reach
  - Novel Enabling Tools and Models Supporting Development of Interventions for Enteric Dysfunction
  - Innovations in Feedback & Accountability Systems for Agricultural Development
  - The "One Health" Concept: Bringing Together Human and Animal Health for New Solutions
  - Develop the Next Generation of Condom

**November 13, 2013** – Sponsor: NIH

<http://grants.nih.gov/grants/guide/rfa-files/RFA-TW-13-002.html>

Research on the Role of Epigenetics in Social, Behavioral, Environmental and Biological Relationships, throughout the Life-Span and across Generations (R21)

- The purpose of this FOA is to support development of basic research to elucidate the role of social (including cultural and socio-economic context) and behavioral, influences on the epigenome, and vice versa, and their relationship to external and internal, environmental and biological, factors throughout the life-span and across generations.

**December 1, 2012** – Sponsor - Osteology Foundation

<http://www.osteology.org/nc/granting.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.

**January 7, 2013 (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, 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.

**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.

#### **December 9, 2013 – Sponsor – IADR/Colgate Palmolive**

[http://www.iadr.com/i4a/pages/index.cfm?pageid=3905#Udrial\\_D\\_Gh](http://www.iadr.com/i4a/pages/index.cfm?pageid=3905#Udrial_D_Gh)

#### IADR Colgate Community-Based Research Award for Caries Prevention

- The awards of up to \$75,000 will be provided annually to recipients to advance research in the field of cariology to promote oral health improvement globally, with a focus on community-based research for the prevention and management of caries. Depending on the proposals and peer-review, either a single award of \$75,000 or multiple smaller awards not exceeding a total of \$75,000 will be offered.

#### **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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