

News for the School of Dental Medicine Research Community

December 2012

Distributed via email on December 5, 2012

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Other Educational Opportunities on or Around Campus

Funding O

Participants will earn Continuing Research Education Credits (CREC), and a certificate of completion.

To register for the Clinical Research Orientation or for more information, please contact Deb Marko Koeberer in the Office of Research Compliance and Education at Deborah.Marko@UHhospitals.org or 216-983-5885.

Researcher Profiles

Course Instructor: Tony Lingham, Associate Professor, Weatherhead School of Management
Course Schedule: January 15 - April 23 2013, Tuesdays 8:00 - 11:00 a.m.
Location: Wolstein Research Building, Room 1402

CRSP 504 (23 credit hours) - Managing Research Records A System's Approach

This course will provide an approach to managing data for research studies. Major topics will include a discussion of a research study system including database design and development, data management of clinical data management; how to evaluate the data needs of a study including the impact of required regulations; summary of key regulations; the role of the data manager including protocol review, development of a data management plan, CRF design, data cleaning, locking studies and ensuring best practices. Each session will include a lecture, class discussion, and student presentation. Suggested audience: individuals who oversee or coordinate data for research studies.

Course Instructor: Carolyn Apperson Hansen, MStat, Director, Research Concierge, Cleveland CTSC
Course Schedule: to be determined

EECS 600/397, SYBB 600 (3 credit hours) Projects in Health Informatics

This project-oriented course will offer an opportunity to survey the landscape of important topics and challenges in health informatics, and build practical hands-on experience around semester-long, multi-disciplinary team projects. Undergraduate, graduate and professional students from a variety of areas such as Computing, Medicine, Business, Art, Clinical Care and Nursing will form teams to collaborate on projects.

Please note that as a Case employee, it is your responsibility to inquire about your eligibility status for the Tuition Waiver. If financial penalties are incurred due to ineligibility of the waiver, it is the responsibility of the Case employee to pay such penalties.

Graduate tuition benefits are taxable if not related to your job. However, the first \$5,250 per year is tax-free if the course is job-

Funding Opportunities of Interest

Listed by application deadline date

Last Sent Out via Email: December 5, 2012

Updates since last email are highlighted in yellow

While every effort is made to ensure the correctness of deadline dates shown,

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, 2012 (and subsequent R01 through 9/8/2014) – Sponsor – NIH
<http://grants.nih.gov/grants/guide/pa-files/PA>

- 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, 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.

February 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.

February 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 not answered, but not (of)-4(-4(a)-7(e)-1(nt)4(he)v11(m)17(e)-

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, 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.

February 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

February 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.

February 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.

February 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.

February 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.

February 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.

February 21, 2013 (and February 21, 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.

February 21, 2013 – Sponsor: NIH

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DE-13-002.html> (R01 announcement)

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DE-13-003.html> (R21 announcement)

Epigenomics of Virus-Associated Oral Disease

- The purpose of this FOA is to invite grant applications that seek to determine the epigenetic mechanisms of virus-associated oral diseases in order to guide the discovery and applicatio

March 21, 2011 – Sponsor: American Dental Association

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

Give Kids A Smile Continuity of Care Grant

- Grant funding to expand Give Kids Smile Day initiatives to provide restorative dental care to high-risk children who did not complete all restorative care during the Give Kids A Smile Day event. Program offers four grants of up to \$13,500 exclusively for Continuity of Care. Continuity of Care under this program is defined as establishing a liaison/case management system to ensure underserved children cared for during applicants' GKAS event subsequently receive pro bono restorative care and/or to assist families to become enrolled into systems of care and connected with a dental home.
- No information for 2012.

May 25, 2011 – Sponsor: HRSA

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

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

Health Careers Opportunity Program

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

May 27, 2011 – Sponsor: STERIS Corporation through CWRU

- Funds from STERIS Corporation will provide seed money to faculty to foster research in emerging and healthcare-associated infections. Grants, not to exceed \$37,500 direct costs each, will be awarded to investigators who intend to gather preliminary data to be used in seeking future independently funded awards. Basic science applications are encouraged but should have a clear translational component related to the themes of this request for application. Up to four grants annually will be awarded. At least one of these awards will be targeted directly to STERIS' interests. For more information please contact Martha Salata at mks18@case.edu.

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

http://www.damonrunyon.org/for_scientists/more/innovation_award_overview

Damon Runyon-Rachleff Innovation Award

- Designed to provide support for the next generation of exceptionally creative thinkers with “high risk/high reward” ideas that have the potential to

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

- HSHC Continues Grant Initiative offers three programs:
 - Investing in Access to Care: <http://www.aapd.org/foundation/accesstocare.asp>
 -

- *ROI funding mechanism, the overall goal is to stimulate preclinical and clinical research that will accelerate understanding of biological and behavioral determinants driving the transition from acute pain to chronic pain disorders. Understanding the mechanisms and risk factors that determine who will transition to a chronic pain state is necessary in order to intervene and design new, effective treatments to resolve acute pain before it becomes chronic. The objectives are to:*
 - *assemble teams with expertise in basic and clinical pain research and related expertise outside the pain field that will provide novel, collaborative, multidisciplinary approaches to answer crucial questions about the transition from acute to chronic pain;*
 - *discover biological and behavioral mechanisms that drive the transition from an acute pain state to a chronic dysfunctional pain condition;*
 - *develop new clinical and preclinical models and measures of pain that will be essential to identify and characterize these mechanisms. Studies that involve considerable risk but with the potential for breakthroughs in the field are strongly encouraged.*

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

IADR/Colgate Research in Prevention Travel Award

- Program is for 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.
- To apply you must select the IADR/Colgate Research in Prevention Travel Awards and fill out the eligibility requirements when submitting your abstract for the 90th General Session & Exhibition in Rio de Janeiro, Brazil, June 20-23, 2012, by the **January 13, 2012** abstract deadline. **Applicants MUST be members of the IADR (including student members) at the time of abstract deadline**

January 13, 2012 – Sponsor: IADR/Heraeus

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

Heraeus 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 in 2012. 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 13, 2012 – Sponsor: IADR/Lion Corporation

<http://www.iadr.com/i4a/pages/index.cfm?pageid=3427>

Lion Dental Research Award

- Intended to support improvements in oral health sciences through the stimulation of junior researchers by:
 - recognition of outstanding and innovative research in basic dental science for the improvement of public dental health
 - recognition of applied research achievements for improvement and development of oral care products for the prevention or oral diseased

January 15, 2012 – Sponsor: CWRU CTSC

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June 4, 2012 – Sponsor – NIH

<http://grants.nih.gov/grants/guide/rfa-files/RFA-MD-12-003.html>

NIMHD Social, Behavioral, Health Services, and Policy Research on Minority Health and Health Disparities (R01)

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- *Practitioner Innovation Award: \$5,000 to encourage those in private practice to develop a technique or therapy applicable to clinical practice. One year award.*

July 23, 2012 (CWRU Internal Deadline) – Sponsor: Searle Scholars Program

<http://ora.ra.cwr.edu/ospa/funding/searlescholars.cfm>

- *Case Western Reserve University is invited to submit applications for the 2013 Searle Scholar Program competition. The Searle Scholars Program makes*

- *The NIH Director's Pioneer Award program complements NIH's traditional, investigator-initiated grant programs by supporting individual scientists of exceptional creativity who propose pioneering and possibly transforming approaches to addressing major biomedical or behavioral challenges that have the potential to produce an unusually high impact on a broad area of biomedical or behavioral research. To be considered pioneering, the proposed research must reflect substantially different scientific directions from those already being pursued in the investigator's laboratory or elsewhere.*

October 14, 2012 – Sponsor: NIH

<http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-12-016.html>

2013 NIH Director's New Innovator Award Program

- *The NIH Director's New Innovator (DP2) Award program was created in 2007 to support a small number of early stage investigators of exceptional creativity who propose bold and highly innovative new research approaches that have the potential to produce a major impact on broad, important problems in biomedical and behavioral research. The New Innovator Awards complement ongoing efforts by NIH and its Institutes and Centers to fund early stage investigators through R01 grants, which continue to support ongoing research in a wide range of areas.*