





Research data storage: ITS is in the process of installing approximately 350 TB of online-disk research file storage

Scientific data visualization: The high performance computing resource provides the widely used Visit and ParaView visualization software.

Database Hosting and Programming Services: For researchers who need stable, inexpensive Oracle database hosting services

Ultra high bandwidth, high performance networking: CWRU is a member of the National LambdaRail (NLR), an organization that provides 10 Gigabit/second (and higher) networking among its member organizations, and Internet2, which is making 100 Gigabit/second connectivity available. Both organizations offer resources that can be used by faculty for research purposes. In addition, ultra high bandwidth networking can be installed on campus for research projects that require it.

For complete information, please see the ITS Advanced Research Computing Google site at <https://sites.google.com/case.edu/advanced-research-computing/>

### Helping Junior Faculty Jumpstart their Search for Funding Free Webinar

Presented by the InfoReady Corporation, a free webinar will discuss the issues faced by new faculty as they begin to search and compete for research funding as well as strategies for assisting and mentoring fellow faculty. The webinar will be moderated by Lucy Deckard, President of Academic Research Funding Strategies, LLC, a consulting firm she founded in 2010 to help universities and faculty compete more successfully for research funding.

For more information and a link to register, please [visit: //www.in4grants.com/index.php](http://www.in4grants.com/index.php)

Please note that this session is being offered by the sponsoring company and not CWRU. You may receive email and phone solicitations from the company.

### Tip of the Month: Check those PO numbers

There has been more than a few occasions where department administrators have found incorrect charges on their statements. With the fiscal close, this may have been a result of people doing things too fast and entering speedtypes incorrectly. However, since there is no built-in check in the Peoplesoft system, you can charge to any speedtype that is active, whether yours or not. This serves as a reminder for some extra vigilance on the monthng any sF-2(r) on( )aJ 18.457 Of -5.002 T4.761jou c.epdCh ethi-2(o)]( )]TJ EMe7(or)5( )1(so)9(-6(

- 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
  - Purchasing from A to Z Online anytime!
  - Sponsored Projects: Proposal to Award August 15, 9:30-10:30am
  - Running and Interpreting Financial Reports August 22, 9:00-10:30am
  - Financial journals August 28, 2:00-4:00pm
  - ABCs of Financials



- Awarded annually by the British Society of Periodontology, with object of encouraging researchers in the early stages of their career. The Prize takes the form of a cash award of £1000 together with a certificate. The Research Prize is open to members and non-members of the Society and to international competition.

**September 7, 2012 (and subsequent HIV/AIDS R01 due dates)** – 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.

**September 18, 2012** – Sponsor: NIH-NIDCR

R01 FOA: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DE-12-006.html>

R21 FOA: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DE-12-007.html>

- The objective of this FOA is to support effectiveness research to inform prioritization of evidence-based treatment for patients with disorder or disease-related compromised oral health, and suggest appropriate adaptations (in timing, frequency, procedure or material) of recommended preventive and restorative guidelines for these patients. This will not support epidemiological studies of disease prevalence without assessment of treatment outcomes. It also will not support randomized clinical trials.
- The purpose is to stimulate research that addresses gaps in our knowledge of how best to treat the oral diseases of medically compromised patients, to identify risk factors that further compromise treatment outcomes in these selected patient groups, and to generate evidence for treatment guidelines.

**September 21, 2012** – Sponsor – NIH

<http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-12-017.html>

NIH Director's Transformative Research Awards (R01)

- The NIH Director's Transformative Research Awards complements NIH's traditional, investigator-initiated grant programs by supporting individual scientists or groups of scientists proposing groundbreaking, exceptionally innovative, original and/or unconventional research with the potential to create new scientific paradigms, establish entirely new and improved clinical approaches, or develop transformative technologies. Little or no preliminary data are expected. Projects must clearly demonstrate the potential to produce a major impact in a broad area of biomedical or behavioral research.

**October 5, 2012 (and subsequent R01 dates)** – 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 R01

**October 5, 2012 (and subsequent R01)** – Sponsor – NIH

<http://>





- 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, 2012 (and subsequent R03 dates)** – Sponsor: NIH

**October 16, 2012 (and subsequent R21 dates)** – Sponsor: NIH  
<http://grants.nih.gov/grants/guide/pa-files/PA-11-159.html>

- The NIH Director's Early Independence Award Program supports exceptional investigators who wish to pursue independent research directly after completion of their terminal doctoral/research degree or clinical residency, thereby forgoing the traditional post-doctoral training period.

**January 30, 2013 (and May 30, 2013)** – Sponsor – NIH  
<http://grants.nih.gov/grants/guide/pa-files/PA-12-159.html>

Administrative Supplements for Collaborative Science

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

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*Funding Opportunity Archive*

**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-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



*\*\*If this link does not work, search [www.grants.gov](http://www.grants.gov) for funding opportunity number BAA-11-03-HPW*

- *This Broad Agency Announcement requests white papers for the following five areas identified by the agency:*
  - *Force Health Protection;*
  - *Enroute Care;*
  - *Operational Medicine;*
  - *Expeditionary Medicine/In Garrison;*
  - *Human Performance.*
- *See the full announcement for more detailed descriptions of each category.*

**August 31, 2011** – Sponsor: International Team for Implantology Foundation

<http://www.iti.org/?a=1&t=0&y=3001&r=0&n=109&i=&c=25&v=page&o=&s=>

- *The ITI Foundation for the Promotion of Implantology supports clinical and laboratory research in implant dentistry and related fields twice a year (deadlines February 27 and August 31). Two grant types are available:*
  - *Small Grant: Primarily intended for research proposals submitted by young clinicians who have been working within established groups and wish to expand their scope and level of responsibility. It is also intended for newer investigators who want to establish a track record in implant dentistry. This may be by pursuing their own research interests or by building up their own research group. **The grant application should not exceed CHF 50,000 (CHF = Swiss Francs).***
  - *Clinical or Laboratory Research Grant (CLRG): Awarded only to researchers or research groups who have established a reputation for credibility and thoroughness in the field as demonstrated by a continuous publication record in peer-reviewed journals. **The grant amount may exceed CHF 100,000, but should not be higher than CHF 200,000.***

**September 1, 2011** – Sponsor: American Academy of Pediatric Dentistry

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

*Three research grants (appear to be annual):*

- *Access to Care: Matching/Challenge grants of up to \$20,000/year supporting local initiatives that provide dental care to underserved/limited access children.*
- *Oral Research Health Grant: Multi-year award (\$100K for 3 years) that can be applied to research initiatives consistent with AAPD research agenda.*
- *Future Dental Researcher Fellowship: Support the career of 3<sup>rd</sup> year investigators focusing their research on the study of dental care programs targeting underserved/limited access children.*

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

[http://www.phrmafoundation.org/index.php?option=com\\_award&task=sdetail&id=17](http://www.phrmafoundation.org/index.php?option=com_award&task=sdetail&id=17)

*Research Starter Grant – Pharmacology and Drug Toxicology*

- *Offers financial support to individuals beginning their independent resea*

- *Funding up to \$6,000 for use in calendar year 2012. The Franklin program is particularly designed to help meet the costs of travel to libraries and archives for research purposes; the purchase of microfilm, photocopies, or equivalent research materials; the costs associated with fieldwork; or laboratory research expenses.*

- *discover biological and behavioral mechanisms that drive the transition from an acute pain state to a chronic dysfunctional pain condition;*
- *develop new clinical and preclinical models and measures of pain that will be essential to identify and characterize these mechanisms.*

*Studies that involve considerable risk but with the potential for breakthroughs in the field are strongly encouraged.*

**November 1, 2011 (Letter of Intent due, Proposal due December 1, 2011)** –Sponsor: PCORI (Patient Centered Outcomes Research Institute)

<http://www.pcori.org/funding-opportunities/pcori-funding-announcement-pilot-projects-grants/>

Pilot Project Grants

- *The purpose of the Pilot Projects Grants Program is to inform PCORI's ongoing development and*





*particular pharmaceutical intervention to the impact of reimbursement policies on the outcomes of care. It also ranges from the development and use of tools to perform patient-based assessments to analyses of the best way to disseminate the results of outcomes research to providers or consumers to encourage behavior. See site for more details.*

**March 19, 2012** – Sponsor: NIH

R01 Announcement: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DE-12-011.html>

R21 Announcement: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DE-12-012.html>

*Molecular Characterization of Salivary Gland Tumors*

- *Solicits applications to enhance basic and translational research on salivary gland tumors by supporting studies in a) the application of systematic, comprehensive, and data-*

- Biological and genetic research to explore disease mechanisms or pathways that influence health outcomes in minority and health disparity populations
- Clinical and translational research linking basic science discovery with effective treatment or clinical practice
- The overall goal of this initiative is to enhance understanding of fundamental biological mechanisms involved in disease conditions and develop therapies or interventions that can directly or demonstrably contribute to the elimination of health disparities. Biological, genetic, clinical and translational research projects investigating the etiology, physiology, genetic risk factors, molecular pathways, gene-environmental interactions, pharmacogenomic and personalized medicine in health disparity populations are particularly encouraged.

**June 12, 2012 (and subsequent standard K-award due dates)** – Sponsor – NIH

<http://grants.nih.gov/grants/guide/pa-files/PA-09-256.html>

**NIDCR Dentist Scientist Pathway to Independence Award (K99/R00)**

- NIDCR is introducing a modified program, specifically for recent DDS/PhD graduates. The purpose is to ensure that dual degree dentist scientists receive sufficient mentoring and protected research time necessary to allow them to successfully transition to independent researchers. The mentored K99 phase is required to last for the full two year award duration. In addition, recipients may receive clinical specialty training during the R00 phase, which may be extended for up to five years. Funding cannot be used to for specialty training.

**June 15, 2012** – Sponsor – W. M. Keck Foundation

<http://ora.ra.cwru.edu/ospa/funding/Keck.cfm>

- The W.M. Keck Foundation strives to fund endeavors that are distinctive and novel in their approach. It encourages projects that are high-risk with the potential for transformative impact. "High-risk" comprises a number of factors, including questions that push the edge of the field, present unconventional approaches to intractable problems, or challenge the prevailing paradigm. **THIS IS A LIMITED SUBMISSION OPPORTUNITY. PLEASE READ THE INSTRUCTIONS DETAILED AT THE FOLLOWING LINK -**  
<http://ora.ra.cwru.edu/ospa/funding/limited2.cfm>.

**July 9, 2012** - Sponsor: STERIS Corporation through CWRU Division of Infectious Diseases

<http://www.case.edu/med/id/index.html>

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

**July 15, 2012** – Sponsor: Oral and Maxillofacial Surgery Foundation

<http://www.omsfoundation.org/page.aspx?pid=349>

Offers four grants (appear to be annual):

- Research Support Grant: One year award of up to \$75,000 to further the development of experienced investigators committed to problems related to OMS.
- Student Research Training Award: Supports a project of up to \$2500. Requires support from the applicant's institution.
- Zimmer Award: Offers \$55,000 to an experienced investigator whose research is focused on implantology.
- Practitioner Innovation Award: \$5,000 to encourage those in private practice to develop a technique or therapy applicable to clinical practice. One year award.

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

<http://ora.ra.cwru.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 grants to selected universities and research centers to support the independent research of exceptional young faculty in the biomedical sciences and chemistry. This limited funding opportunity is for assistant professors in a tenure-track appointment pursuing independent research careers in biochemistry, cell biology, genetics, Immunology, neuroscience, pharmacology, and relevant areas in chemistry, medicine, and the biological sciences. Amount of Funding: \$100,000 per year for 3 years (\$300,000 total). **THIS IS A LIMITED SUBMISSION – ONLY TWO(2) PROPOSALS ARE ALLOWED FROM CWRU.**

**August 1, 2011** – Sponsor: American Academy of Implant Dentistry Research Foundation

[http://www.aaaid.com/research\\_foundation/Grants\\_and\\_Activities.html](http://www.aaaid.com/research_foundation/Grants_and_Activities.html)

**Research Grant**

- Intended to provide limited support for meritorious dental