Welcome to the Clinical & Translational Science Collaborative

Events:
Clinical Research Certification Test Booster Classes:
August 4 & 11, 2015

MSC: Innovations in Cell-Based Regenerative Therapies:
August 17-19, 2015

Community Health Worker Conference:
August 19, 2015

PRCHN Seminar:
September 9, 2015

An Office for Human Research Protections (OHRP) Regional Conference:
September 16, 2015

Dialogue on Discovery - Mind Over Matter:
September 17, 2015

Heal the Healer Health Symposium:
October 16, 2015

Medical Innovation Summit:
October 25-28, 2015

Case Western Reserve University Innovation Summit 2015: Models of Innovation:
October 26-28, 2015
Congratulations to the June 2015 CTSC Core Utilization Pilot Award Recipients

Alexander Rodriguez-Palacios, DVM, PhD  
Case Western Reserve University School of Medicine  
"Generation of a SAMP Mouse ES-cell-line for CRISPR/Cas Gene Editing and Treatment of Experimental Crohn's Disease"

Jennifer Yu, MD, PhD  
Cleveland Clinic Lerner College of Medicine  
"Creation of Conditional Mouse Model to Study Sema3C-mediated Gliomagenesis"

CTSC Research Ethics Consultation Program

Collaborations between scientific investigators and research ethicists are as critical to the research process as are collaborations between physicians and hospital ethicists for patient care. The CTSC Research Ethics Consultation Program helps researchers proactively identify and address ethical concerns that may occur during the course of clinical, animal or laboratory research. The Program's consultants have expertise to help identify potential ethical issues when researchers formulate their research projects, and to resolve issues which arise during the conduct of the research or in its aftermath. A Research Ethics Consultation is advisory and collaborative, and provides a way of adding a non-regulatory element to the research process. It does not replace the Institutional Review Board's review.

When to Request a Research Ethics Consultation:
A CTSC Research Ethics Consultation can be requested whenever an ethical problem or question involving research is encountered by anyone involved in research, including investigators, participants, and non-investigator personnel at any of the CTSC partnering institutions. Consultation may occur during research protocol development, study implementation, the conduct of the research, or as a result of data analysis or post-trial findings. For example, the Program's consultants can aid investigators' plans for human subjects recruitment or provide mock informed consent interviews to assist study staff. Consultants can even help investigators think through their responses to IRB requests and stipulations after IRB committee review. Such consultations are considered confidential between the researcher and the consultation service, within the limits of government regulations and law.

Dr. Insoo Hyun (Case Western Reserve University) and Dr. Susannah Rose (Cleveland Clinic) are the Co-Directors of CTSC's Office of Bioethics.

To request a Research Ethics Consultation or to schedule a Research Ethics Education session, contact Carolyn Apperson at cva9@case.edu or 216-368-0035.

NIH Center for Accelerated Innovations Monthly Meetings

To all research faculty:

- Are you interested in applying for an NCAI grant?
- Do you have questions about your eligibility or project readiness?
- Are you interested in receiving expert advice in areas of early technology development?
The NHLBI-funded NIH Center for Accelerated Innovations (NCAI) at Cleveland Clinic has recently established monthly one-on-one meeting opportunities for investigators interested in the NCAI program for developing their cardiovascular, lung, blood, or sleep disorder technologies. These on-site meetings are designed to promote the program and encourage individual discussion opportunities with NCAI program managers. The NCAI is committed to providing ongoing engagement with investigators from across CWRU schools and departments to build a pipeline of projects for the program funding cycles. These information sessions will focus on investigator readiness and the funding requirements of the NCAI.

If you are interested in attending one of these sessions, please contact Denise Miller at 216-368-1158 or dmm192@case.edu to set up a meeting with one of the NCAI program managers. All meetings will be held on Case campus on starting Thursday, July 9th, and on the third Thursday of each month thereafter. Meetings will be scheduled in the afternoons.

If you have questions or would like more information, please contact Anne DeChant at 216-368-8867 or akd6@case.edu, or go to http://casemed.case.edu/ora/innovations.cfm.

Helpful Tips From ResearchMatch

Read last month's ResearchMatch Newsletter for helpful tips on summer safety and information on World Hepatitis Day.

What is ResearchMatch? ResearchMatch is a confidential, free, and secure registry that has been developed by a major academic institution across the country who wants to involve you in the mission of helping today's studies make a real difference for everyone's health in the future.

To learn more about ResearchMatch, click here.

New NIH Public Access Policy Checklist

The CTSC has recently posted a one page document on how to make your publications NIH compliant. See the document here under NIH Public Access Policy Checklist for CTSC Investigators and Scholars.

New core eligible for CTSC Core Utilization Pilots!

Zebrafish Facility Core

The Zebrafish Facility Core was founded because zebrafish are vertebrates with special advantages for biomedical research. Since they are vertebrates, they often make excellent models for human diseases. The zebrafish is a genetically tractable system and its genome is easily mutated by CRISPR-CAS technology. Another advantage of zebrafish is that they are optically clear, enabling live in vivo imaging of tissues, cells and subcellular organelles in real
time. Other benefits to researchers are a fast breeding time, rapid transgenesis, and they are relatively inexpensive. All equipment for manipulation of zebrafish is available in the facility, including tools to inject embryos with DNA for transgenesis and RNA for gene knockouts. The staff of the facility gives zebrafish-specific training periodically.

The facility is available to the whole CWRU community. These resources are available for use by investigators and research personnel for a monthly fee.

Depending on the biological question, the zebrafish can be a better model than the mouse because of faster growth rates, higher numbers of offspring, optical clarity, and decreased animal fees.

For more information visit these websites: [http://casemed.case.edu/ctsc/cores/zebrafish.cfm](http://casemed.case.edu/ctsc/cores/zebrafish.cfm) or [http://casemed.case.edu/otolaryngology/mcdermott.html](http://casemed.case.edu/otolaryngology/mcdermott.html)

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**News from the PRCHN**

**Eighth Annual Community Health Worker Conference: Community Health Workers Leading Change: Celebrating Health and Wellness**

August 19, 2015, 8:00am - 4:30pm
Eberhard Center
Grand Valley State University 301 West Fulton Grand Rapids, MI 49504-6495

**Registration Fee**
General admission - $60 per person
Spectrum Health employees - $50 per person

For registration and more information [click here.](#)

**Payment Methods**

1. **Individuals:** General Admission - Pay by credit card online - choose credit card option.
2. **Groups:** General Admission - If you would like to pay for your group by credit card, call Lise Thomas at 616.391.3310.
3. **Spectrum Health Employees:** Pay by expense transfer, choose **Check** and fill in cost center and manager information.

Cancellation: If you are unable to attend, please cancel your registration by August 3, 2015. Spectrum Health will refund 50 percent of the registration if a written cancellation is received by August 3, 2015. Cancellation instructions are provided in your event confirmation email.

Photo release: Registration for this conference implies consent to be photographed and permission for photos to be used in conference materials. If this is of concern to you, please contact conference officials at 616.391.6175 or 616.391.1974.

**Contact Information**
Lise Thomas
Phone: 616.391.3310
[liise.thomas@spectrumhealth.org](mailto:lise.thomas@spectrumhealth.org)
Lodging & Hotel Accommodations:
Holiday Inn Grand Rapids Downtown
310 Pearl Street NW
Grand Rapids, MI 49504
616.235.7611

Call by August 4, 2015 to ensure availability. Mention Group Code CHW. Please click here for lodging Information.

PRCHN Seminars

Mark your calendars for these upcoming PRCHN Seminars.

9/9/2015
Hunger Network Panel, Food Networks and Pantries

You can find more information on these seminars and other PRCHN programs here.

Research Highlights

Congratulations to our Comparative Effectiveness Research Core Directors, Drs. Siran Koroukian and Greg Cooper on their Newly Published Paper

The American Cancer Society-funded study: Lasting Effects of the Breast and Cervical Cancer Early Detection Program on Breast Cancer Detection and Outcomes, Ohio, 2000-2009 was published recently and can be found here: http://www.cdc.gov/pcd/issues/2015/14_0491.htm

Author Siran Koroukian, PhD, answers questions about the study in the latest PCD podcast.

Congratulations to KL2 Scholar Alum, Dr. Ronald Hickman!
Ronald Hickman, associate professor of nursing at Case Western Reserve University's Frances Payne Bolton School of Nursing, has been recognized as a Fellow of the American Academy of Nursing, a national honor awarded for his contributions to the profession. Read more.

Co-Director of CRUS, Dr. Jackson T. Wright Jr., is PI for SPRINT Study

High blood pressure is a leading cause of death and disability in the US and worldwide. Over 60% of people over age 65 have high blood pressure, and the number of people with high blood pressure is increasing.

Dr. Jackson T. Wright, Jr., co-director of the CTSC Clinical Research Unit Services, is the Principal Investigator of the SPRINT study clinical center network at Case Western Reserve University School of Medicine, Cleveland, Ohio. SPRINT is a research study funded by the National Institutes of Health to answer the following question:

"Will lower blood pressure reduce the risk of heart and kidney diseases, stroke, or age-related declines in memory and thinking?"

To answer this question, over 9,000 participants have been enrolled into the study at nearly 100 clinics across the United States and in Puerto Rico. SPRINT participants are seen regularly by experts in blood pressure management for a period of 4 to 6 years. At the end of the trial, the results of SPRINT will tell us if a lower recommended blood pressure might help to decrease stroke, heart disease, progression of chronic kidney disease, and age-related losses of memory and thinking.

Today's guidelines for systolic blood pressure are all over the map, which can make treatment plans very tricky when considering other factors like family history or cholesterol levels. The results of the SPRINT study may affect doctors' daily decisions and are expected sometime in 2017.


CTSC Pilot Awardee Creates Cancer Finding Algorithm

Kishore Guda, a CTSC Pilot Award recipient, created an algorithm to identify where genetic changes have happened to avoid false positives and negatives when working with cancer patients. Read more.

Noteworthy Research

- Case Western Reserve University and Cleveland Clinic partner with Microsoft to create HoloLens
- **Cleveland's first healthcare hackathon to be hosted by city's hospitals**

- **Think[box] receives $2 million for new "innovation space"**

- **Anthony J. Furlan talks about the benefits of endovascular therapy for stroke patients as shown by 5 studies**

- **New device helps doctors personalize chemotherapy treatments**

- **Scientists re-purpose old technology and discover more about IBD**

- **Dr. Rafick-Pierre Selkaly received the inaugural Richard J. Fasenmyer Professor of Immunopathogenesis at the CWRU School of Medicine**

- **CWRU Researchers, Satya Sahoo and Mehmet Koyuturk, received NIH Big Data awards**

- **Researchers find protein that controls nutrient availability**

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**CTSC Success Stories**

**Share Your Success Story With Us!**

[Click here](#) to tell us your own story!

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**Events**

**Clinical Research Certification Test Booster Classes**

Tuesday, August 4, 2015 & Tuesday, August 11, 2015

12:00 - 1:30 pm

Lakeside, Suite 1400

Planning to take either the SoCRA or ACRP Clinical Research Certification exam this fall?

The Center for Clinical Research and Technology is offering a condensed, two-session series to boost your independent study at NO COST to participants. The Test Booster classes are offered only to those who are registered to take the certification exam.

To register, email Carrie O'Neill at Carrie.oneill@uhhospitals.org and include your confirmation email indicating that you are registered for the exam.

*There are no plans to offer a certification exam in Cleveland this Fall.*

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**MSC: Innovations in Cell-Based Regenerative Therapies**

August 17-19, 2015

Cleveland, OH
Adult Stem Cell Therapy and Regenerative Medicine conference (MSC 2015) will have platform and poster sessions emphasizing preclinical and clinical applications of adult-derived stem cells from a variety of human and animal tissues. MSC 2015 will offer a forum for the exchange and discussion of research, ideas, and cutting-edge breakthroughs in translational regenerative medicine.

Registration for the event is open. For more information watch the promotional video or read the conference flyer.

OHRP Research Community Forum Innovations in Research: Collaborations & Transformations
Wednesday, September 16, 2015
8:00 am - 6:00 pm
Global Center for Health Innovation, Cleveland, OH
Registration Fee: $125

The Office for Human Research Protections (OHRP) of the United States Department of Health & Human Services (HHS), along with University Hospitals Case Medical Center (UHCMC) and Case Western Reserve University (CWRU), will be hosting an all-day Research Community Forum at the Global Center for Health Innovation in Cleveland, Ohio.

This conference will feature a unique program focused on research innovation, with representatives from OHRP as well as experts from industry and academic institutions. The content of the program will benefit all members of the research enterprise.

Researchers, research coordinators, Institutional Review Board (IRB) members and staff, institutional officials, other public health service agencies, emerging bioscience companies entering human research and anyone with an interest in research involving human subjects should consider attending this informative and interesting one-day conference.

For additional information and registration click here.

Dialogue on Discovery 2015- Mind Over Matter
September 17, 2015

Case Western Reserve University School of Medicine is pleased to present Dialogue on Discovery 2015 - Mind Over Matter: Secrets of the Brain. The event will be held at the Tinkham Veale University Center at Case Western Reserve University.

Dialogue on Discovery is an annual symposium celebrating the research successes of our academic and clinical partnerships. The summit convenes researchers, community leaders and friends to encourage multiple voices to participate in a dialogue on medical discoveries that advance the health of our families and friends, as well as the health of our region.

For more information and to register click here.

4th Annual Dan and Linda Rocker Silverberg Heal the Healer Health Symposium - Optimal You: Body, Mind Spirit
Friday, October 16, 2015

We are pleased to announce that the 4th Annual Dan and Linda Rocker Silverberg Heal the Healer Health Symposium...
Healer Health Symposium has been scheduled for Friday, October 16, 2015. This daylong event will be held at the 700 Beta Conference Center in Mayfield Village, OH. National and local speakers will cover a variety of topics on integrative health. Attendees will also have the option to experience Reiki, chair massage, reflexology and acupuncture.

Continuing education credits provided for physicians, nurses, psychologists and social workers. Early bird discount ends September 1.

Click here to view the course brochure.

Click here to register online or register by phone at 216-983-1239.

2015 Medical Innovation Summit
October 25-28, 2015

Thousands of researchers, investors, entrepreneurs and those who are simply curious will descend upon the Cleveland Convocation Center October 26-28 for Cleveland Clinic Innovations Medical Innovation Summit. This year's theme, The Neurosciences: Memory. Mood. Movement, will cover all aspects of the human brain and how it functions and malfunctions.

Three CCI companies and research groups in the neurosciences have made significant strides in Alzheimer's disease, concussion prevention and treatment, and drug administration to the human brain. This group of doctors and researchers represent just a small sample of what the Medical Innovation Summit has to offer this year.

Click here for more information or registration.

Case Western Reserve University Innovation Summit 2015: Models of Innovation
October 26-28, 2015

Case Western Reserve is hosting a summit to bring together thought leaders from across industry sectors and geographies for three days of exploration, collaboration and scholarship focused on the opportunities and challenges of global innovation.

This unique summit will explore the impact of various models of innovation, including how they contribute to regional economies, cultures and education. The event also will highlight the unveiling of the university's innovation and entrepreneurship center, think[box], in its new, 50,000-square-foot home.

The event runs during a dynamic week of innovation events in the Cleveland area, including Cleveland Clinic's Medical Innovation Summit, the BioOhio Annual Conference and a nursing innovation summit. Attendees are encouraged to attend sessions across summits and participate in several collaborative events.

For more information click here.

Funding Opportunities

The CTSC KL2 Scholar Program
The CTSC KL2 seeks outstanding candidates to fill Clinical Research (CR) Scholar positions available in July 2016. The training program is a component of the Cleveland CTSC and is funded by the NIH. CR Scholars will embark on a 4-year program of intensive training in interdisciplinary team-based, patient-oriented research, combining a novel educational program with mentored research experiences.

Qualified candidates:

- Hold an M.D., Ph.D., D.D.S., Pharm.D., Psy.D. or an equivalent degree
- Have demonstrated a keen interest in clinical research
- Need to hold a position in one of the CTSC partner Institutions on or before July 1, 2016
- Are U.S. citizens or have permanent resident status

Applications are encouraged from physicians, nurses, dentists, social and behavioral scientists, engineers, biostatisticians, epidemiologists, bioethicists and other professionals with expertise relevant to clinical research.

Successful applicants will receive a comprehensive package including:

- Salary and benefits commensurate with their qualifications supporting 75% effort
- Research stipend
- Tuition benefits for an innovative didactic program leading to a degree in clinical investigation (half of which will come from a Departmental cost-share)
- Travel funds
- Access to a multidisciplinary pool of highly accomplished mentors who will guide their research projects
- CWRU appointment

The competitive applicant will be at an early career stage, e.g. senior postdoctoral fellow, instructor, or entry level faculty member, and will need to explain through the application how the program will enable a successful career in clinical research.

Interested applicants should contact Beth Spyke, MPA, (spykeb@ccf.org; 216-444-2702) and/or Raed Dweik, MD (dweikr@ccf.org; 216-445-5763) for information and application instructions. To visit the website click here.

American Academy of Dermatology
Application Deadline: August 1, 2015

The American Academy of Dermatology offers grants to individuals and organizations to fund international volunteer and humanitarian projects through its SkinCare for Developing Countries program. Through the program, grants of up to $5,000 will be awarded in support of projects related to dermatology and global health care that help individuals in underserved regions of the world. Projects must be sustainable, community-based, and rely on additional sources of funding.

Academy members and non-members are eligible to apply.

Application Deadline: August 1, 2015

For more information visit the AAD webpage.

The Camille and Henry Dreyfus Foundation, Inc.
Application Deadline: August 3, 2015
The Camille and Henry Dreyfus Foundation seeks to further the development of scientific leadership in the field of environmental chemistry with a postdoctoral fellowship program. The Postdoctoral Program in Environmental Chemistry provides a principal investigator with an award of $120,000 over two years to appoint a Postdoctoral Fellow in environmental chemistry.

The Postdoctoral Program in Environmental Chemistry is open to all academic and other not-for-profit organizations in the States, Districts, and Territories of the United States of America. Applications are accepted from principal investigators who have well-established research efforts in environmental science or engineering. These research activities need not be located in traditional departments in the chemical sciences, and collaboration across departments and institutions is encouraged. The postdoctoral fellow is usually not already identified nor in the principal investigator’s lab at the time of application.

Application Deadline: August 3, 2015

For more information visit the Camille and Henry Dreyfus Foundation website.

William T. Grant Foundation
Letter of Inquiry Deadline: August 4, 2015

The William T. Grant Foundation's Distinguished Fellows Program creates bridges between the research, practice, and policy communities. The program is designed to increase the supply of, demand for, and use of high-quality research to improve the lives of youth.

During the Fellowship, researchers are immersed in a practice or policy setting, and policymakers and practitioners in a research organization. This immersion helps Fellows to experience firsthand the needs and challenges of their new settings. It is expected that these experiences will facilitate the production and use of relevant, high-quality research and create stronger connections across the research, policy, and practice communities.

Proposed Fellowships must fit the Foundation’s focus areas. Specifically, this includes youth ages 5 to 25 in the United States. The program funds research that increases our understanding of:

- programs, policies, and practices that reduce inequality in youth outcomes; and
- the use of research in policy and practice.

Between one and four Fellows are selected annually. Each will receive up to $175,000 (including direct and indirect costs) for the total duration of the Fellowship. Fellowships may range from six months to two years. The structure of the Fellowship is deliberately flexible. Fellowship activity must amount to a minimum of half of a year at the Fellowship site(s) over the duration of the award. Thus, the minimum duration is six months of full-time work, but a quarter-time Fellowship may spread over the course of two years.

Letter of Inquiry deadline is August 4, 2015

For more information visit the William T. Grant Foundation webpage.

Burroughs Wellcome Fund - Career Awards for Medical Scientists
Preproposal Deadline: August 5, 2015

The Career Awards for Medical Scientists (CAMS) is a highly competitive program that...
provides $700,000 awards over five years for physician-scientists, who are committed to an academic career, to bridge advanced postdoctoral/fellowship training and the early years of faculty service.

Proposals must be in the area of basic biomedical, disease-oriented, or translational research. Proposals in health services research or involving large-scale clinical trials are not eligible. The previously funded individuals (or researchers) are listed in the Grant Recipients section of this program.

The competition will employ a two-stage process. Preproposals will be reviewed and approximately 80-90 full proposal invitations will be sent by October 1, 2015.

All applicants will be required to complete a web-based questionnaire assessing their eligibility to apply for this award. If eligibility criteria are met, applicants will be automatically directed to the web-based pre-proposal form.

It is strongly recommended that potential applicants review the Request for Proposals prior to accessing the eligibility questionnaire.

Preproposal Deadline: August 5, 2015

Application Deadline: November 12, 2015

For more information visit the Burroughs Wellcome Fund webpage.

National Institutes of Health - National Institute of General Medical Sciences (NIGMS)
Letter of Intent Deadline: August 9, 2015

The NIH National Institute of General Medical Sciences (NIGMS) has released a RFA for the Maximizing Investigators' Research Award (MIRA), a pilot program that will award a single grant to provide support for all of the research in an investigator's laboratory that is related to the mission of NIGMS. Within the scope of the MIRA grant, investigators will have the freedom to explore new avenues of inquiry that arise during the course of their research. MIRA grants will generally be for 5 years for both established investigators and new and early stage investigators.

Letter of Intent Deadline: August 9, 2015

Application Deadline: September 9, 2015

For more information visit the NIH webpage.

American Association for Cancer Research
Letter of Intent Deadline: August 10, 2015

The American Association for Cancer Research (AACR) has announced that the AACR NextGen Grants for Transformative Cancer Research are now open for application. These three-year grants of $450,000 represent a new AACR funding initiative to stimulate highly innovative research from young investigators. Eligible applicants must be AACR Active Members in good standing at the time of application and have held a full-time, tenure-track appointment as an assistant professor for no more than three years at the start of the grant term (July 1, 2016). Competitive Letters of Intent will be accepted through proposalCENTRAL.
Letter of Intent Deadline: August 10, 2015

Application Deadline: November 23, 2015

For more information visit the AACR webpage.

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**CDC: Creutzfeldt-Jakob Disease (CJD) Increasing Educational Support for CJD Families and the Nation**

**Application Deadline: August 14, 2015**

The purpose of this program is to enhance support to family members of patients with a suspected or diagnosed case of human prion disease as well as enhance support for national surveillance for CJD and its emerging variants by (1) providing family members of such patients with easy access to consultations with persons experienced and knowledgeable about practical issues related to this disease, 2) facilitating educational and other mutually beneficial interaction of researchers with family members of CJD patients (3) increasing general awareness about CJD and (4) increasing the number of autopsies of suspected CJD cases.

Application Deadline: August 14, 2015

For more information visit the Grants.Gov webpage.

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**HRSA: Service Area Competition**

**Application Deadline: August 18, 2015**

The Health Center Program supports patient-directed public and private nonprofit organizations that provide primary and preventive health care services to the Nation's medically underserved. The purpose of the SAC funding opportunity is to ensure continued access to comprehensive, culturally competent, quality primary health care services for communities and vulnerable populations served by the Health Center Program. This FOA details the SAC eligibility requirements, review criteria, and awarding factors for organizations seeking an award for operational support to provide primary and preventive health care services to an announced service area under the Health Center Program.

Application Deadline: August 18, 2015

For more information visit the Grants.Gov webpage.

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**National Center for Accelerated Innovations**

**Letter of Intent Deadline: August 19, 2015**

The National Center for Accelerated Innovations has released it's latest funding cycle RFA. This regional funding opportunity is a great chance to move your translational research project to the next level. Deadline: August 19, 2015

The NIH Center for Accelerated Innovation at Cleveland Clinic (NCAI-CC) Announces the Request for Applications (RFA) for August 2015 funding cycle.

Funding is available for promising emerging technologies directed towards diagnosis, treatment or management of cardiovascular, pulmonary, blood or sleep-related disorders. We are seeking projects such as therapeutics (e.g. drugs, biologics), preventatives, diagnostics, devices, tools, etc., in order to facilitate their translation to commercialized products that improve patient care and enhance health. The NCAI-CC will provide funding and project
assistance to advance the development of high priority early-stage technologies within the mission areas of the NHLBI (cardiovascular, lung, blood and sleep disorders). Expert assistance will be provided in areas required for early technology development, including commercial opportunity assessment, intellectual property, clinical and regulatory, reimbursement, business, legal and project management. For more information on this opportunity [click here].

The [RFA is here](#), or you can visit [NCAI-CC](#) to download it. Or contact Anne DeChant at the [Office of Translation and Innovation](#) in the School of Medicine for assistance.

**National Institutes of Health - Lasker Clinical Research Scholars**

Application Deadline: August 27, 2015

The National Institutes of Health, the nation's premier agency for biomedical and behavioral research, in partnership with the Lasker Foundation, is pleased to announce the Lasker Clinical Research Scholars Program, an historic "intramural-extramural" partnership to nurture the next generation of clinical researchers. The program supports a small number of exceptional clinical researchers in the early stages of their careers to promote their development to fully independent positions. Successful candidates are designated as Lasker Clinical Research Scholars.

Lasker Scholars receive a unique combination of NIH funding for clinical research for to 10 years. In the first phase of the program, Scholars will receive appointments for 5-7 years as tenure-track investigators within the NIH Intramural Research Program with independent budgets. In the second phase, successful Scholars will receive up to 3 years of NIH support for their research at an extramural research facility; or the Scholar can be considered to remain as an investigator within the intramural program.

Lasker Scholars will have access to the NIH Clinical Center, the nation's largest hospital devoted entirely to clinical research. Through an arrangement with the Lasker Foundation, Scholars will have the opportunity to participate in selected activities, including attendance at the Lasker Breakfast and Award Luncheon, and participation in annual scientific meetings.

Application Deadline: August 27, 2015

For more information visit the [NIH webpage](#).

**NIH: Bioengineering Research Partnership (BRP): Non- or Minimally-Invasive Methods to Measure Biochemical Substances during Neonatal and Perinatal Patient Care and Research (R01)**

Letter of Intent Deadline: September 5, 2015

This funding opportunity announcement (FOA) invites bioengineering and biomedical scientists to collaborate in developing non- or minimally-invasive methods for measuring biochemical substances in connection with the care of perinatal patient populations. Lab-on-a-chip methods for rapid diagnostic or prognostic purposes are also encouraged.

Letter of Intent Deadline: September 5, 2015

Application Deadline: October 5, 2015

For more information visit the [Grants.Gov webpage](#).
National Institutes of Health - Transformative Research Award Program
Letter of Intent Deadline: September 9, 2015

The Transformative Research Award, run under the NIH Common Fund, was established to support exceptionally innovative, high-risk, and/or unconventional research projects that have the potential to create or overturn fundamental paradigms or otherwise have unusually broad impact. Such projects, due to their inherent risk, may be more difficult to support using a standard NIH R01 grant, but due to their potential impact, may merit pursuing. Little or no preliminary data are expected, but projects must clearly demonstrate the potential to produce a major impact in a broad area of biomedical or behavioral research.

Letter of Intent Deadline: September 9, 2015
Application Deadline: October 9, 2015

For more information visit the NIH webpage.

March of Dimes Prematurity Research Center Ohio Collaborative
Application Deadline: September 15, 2015

The March of Dimes Prematurity Research Center Ohio Collaborative announces the 2015 funding cycle for its Innovation Catalyst Grant Program. The Collaborative was established in 2013 to study the unknown causes of preterm birth. Ohio partners in the Collaborative include Cincinnati Children's Hospital Medical Center, University of Cincinnati, Ohio State University, Nationwide Children's Hospital, Mount Carmel Health System, Case Western Reserve University, University Hospitals and MetroHealth System of Cleveland. Dartmouth College, University of Iowa, University of South Florida, Vanderbilt University and Washington University in St. Louis are also participating sites. The Collaborative is currently focusing on five thematic areas: Evolutionary Synthesis of Human Pregnancy, Genetics of Unique Human Populations, Molecular Developmental Biology of Pregnancy, Progesterone Signaling in Pregnancy Maintenance and Preterm Birth, and Sociobiology of Racial Disparities in Preterm Birth. The Collaborative aims to foster further discovery across these thematic areas by encouraging new interactions of transdisciplinary researchers called Innovation Catalysts. A primary objective of this program is to optimize the ability of these teams to pursue new science with excellence and immediacy.

Eligibility: Open to faculty-level investigators from Collaborative sites and from other Ohio academic and medical institutions. Emphasis on state- and region-wide transdisciplinary interactions is encouraged.

The attached application should be completed which includes the following:

1. Proposal, including a Specific Aims page and up to six pages outlining the Research Strategy. Preliminary data are not required but may be included if available.

2. NIH Biosketch for principal investigator and key personnel.

3. Budget. A project period of up to 2 years may be requested. The combined budget for a two year project may not exceed $100,000 with a maximum of $50,000 requested in any single year. Faculty salaries (limited by NIH cap, up to 15% support) may be included. Only direct
costs are eligible.

Application deadline is September 15, 2015. Please submit completed application to Stephanie Swart at Stephanie.Swart@cchmc.org by email as a single pdf document. Proposals will be evaluated for novelty & innovation, transdisciplinary approach and alignment with Collaborative research goals. Applicants should anticipate a response by November 6, 2015. Funding will begin January 1, 2016.

Questions may be directed to Joanne Chappell, Director of Operations, at Joanne.Chappell@cchmc.org or to Dr. Louis Muglia, Coordinating Principal Investigator, at Louis.Muglia@cchmc.org.

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**The William H. Johnson Foundation for the Arts - 2015 William H. Johnson Prize**

Application Deadline: September 18, 2015

The William H. Johnson Foundation for the Arts is a nonprofit, tax-exempt organization that seeks to encourage African American artists early in their careers by offering financial grants. The Johnson Foundation awards grants to individuals who work in the following media: painting, photography, sculpture, printmaking, installation and/or new genre.

The William H. Johnson Prize is awarded annually to an early-career African American artist. For their purposes, "early-career" is a flexible term that should be interpreted liberally to include artists who have finished their academic work within twelve years from the year that a prize is awarded. For example, a person who finished their studies in 2003 is eligible to apply in 2015, but not in 2016. Age is not determinative, and artists who have not earned BFAs or MFAs are still eligible so long as they have not been working as a professional artist for more than twelve years.

The 2015 William H. Johnson Prize is $25,000 and the winner will be announced in December 2015.

Application Deadline: September 18, 2015

For more information visit the [William H. Johnson Foundation for the Arts webpage](#).

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**U.S. Soccer Foundation**

Letter of Intent Deadline: September 25, 2015

The U.S. Soccer Foundation is accepting Letters of Inquiry for its Safe Places to Play program, which provides grants to organizations to help them build or enhance a field space in their communities. Grants of up to $50,000 will be awarded for the installation of field surfaces, lighting, and irrigation for field space in urban settings. All work must be done by one of the foundation's four corporate partners - Hellas Construction, Musco Lighting, Hunter Industries, or Sport Court. Applicants must request a quote from the appropriate corporate partner no later than September 4, 2015.

To be eligible, an applicant must apply on behalf of a program or project operating in the U.S., and must be a tax-exempt 501(c)(3) organization, school, municipality, college or university, or sovereign tribal nation.

Letter of Intent Deadline: September 25, 2015

Application Deadline: October 2, 2015
For more information visit the U.S. Soccer Foundation webpage.

Procter & Gamble Company (P&G)  
Application Deadline: September 30, 2015

The Procter & Gamble Fund Higher Education Grant Program has been established to provide support for efforts of regionally accredited U.S. colleges and universities that will better prepare students for success in business. Grants will be provided for specific projects or programs, not for operating support. Examples of eligible projects include, but are not limited to:

- Improving curriculum to be at the cutting edge in relevance and effectiveness;
- Fostering and enabling leadership opportunities and learning;
- Creating a learning environment that encourages and enhances innovation and creativity;
- Strengthening diversity in thought, participation and ongoing interaction.

In fairness to all participating institutions, there is a limit of two applications per discipline (i.e., two applications from the School of Business, two applications from the School of Engineering, etc.). For example, the program will accept an application from a Professor of Mechanical Engineering and an application from a Professor of Chemical Engineering from the same College/University. If the program receives more than two applications from the same discipline, the program will ask the applicant's Dean to select the two that will be submitted for the competition.

Based on the scope of the project, grants ranging from $5,000 to $10,000 will be awarded. Awards are for one year only. The grant money must be used as described in the grant application and should not be use to cover overhead cost, stipends or fellowships. One college or university may apply for multiple grants supporting multiple programs but may not receive more than $50,000 in one year.

The application deadline is September 30, 2015

For more information visit the P&G webpage.

PCORI: Engagement Award: Knowledge, Training and Development, and Dissemination Awards  
Letter of Intent Deadline: October 1, 2015

The Patient-Centered Outcomes Research Institute (PCORI) will award up to $15.5 million in FY 2015 as part of the Eugene Washington PCORI Engagement Awards program. These awards support projects that encourage active integration of patients, caregivers, clinicians, and other healthcare stakeholders as integral members of the patient-centered outcomes research/clinical effectiveness research (PCOR/CER) enterprise.

A letter of intent is due October 1, 2015

For more information visit the PCORI webpage.

NSF Major Research Instrumentation Program (MRI)  
Key Deadlines: October 5, 2015, 5:00pm (CWRU internal letter of intent),
The Major Research Instrumentation Program (MRI) serves to increase access to shared scientific and engineering instruments for research and research training in our Nation's institutions of higher education, and not-for-profit museums, science centers and scientific/engineering research organizations. This program especially seeks to improve the quality and expand the scope of research and research training in science and engineering, by supporting proposals for shared instrumentation that fosters the integration of research and education in research-intensive learning environments. Each MRI proposal may request support for the acquisition (Track 1) or development (Track 2) of a single research instrument for shared inter- and/or intra-organizational use; development efforts that leverage the strengths of private sector partners to build instrument development capacity at MRI submission-eligible organizations are encouraged.

To accomplish the program's goals, the MRI program assists with the acquisition or development of a shared research instrument that is, in general, too costly and/or not appropriate for support through other NSF programs. The instrument is expected to be operational for regular research use by the end of the award period. For the purposes of the MRI program, a proposal must be for either acquisition (Track 1) or development (Track 2) of a single instrument or for equipment that, when combined, serves as an integrated research instrument (in contrast to requests for multiple instruments that enable research in a common or focused research domain, which MRI does not support). The MRI program does not support the acquisition or development of a suite of instruments to outfit research laboratories/facilities or that will be used to conduct independent research activities simultaneously.

Instrument acquisition or development proposals that request funds from NSF in the range $100,000-$4 million may be accepted from any MRI-eligible organization. Proposals that request funds from NSF less than $100,000 may also be accepted from any MRI-eligible organization for the disciplines of mathematics or social, behavioral and economic sciences and from non-Ph.D.-granting institutions of higher education for all NSF-supported disciplines.

Cost-sharing of precisely 30% of the total project cost is required for Ph.D.-granting institutions of higher education and for non-degree-granting organizations. Non-Ph.D.-granting institutions of higher education are exempt from cost-sharing and cannot include it. National Science Board policy is that voluntary committed cost sharing is prohibited.

For more information on this limited submission opportunity, visit the [Office of Research Administration website](#).

**Partnership for Clean Competition**

Pre-Application Deadlines: November 1st or March 1st

The Partnership for Clean Competition is accepting applications for its grants program, which supports original projects focused on improving existing methods for detecting particular drugs, developing new analytical methods to test for substances not currently detectable, and discovering cost-effective approaches for testing widely abused substances across all levels of sport. The programs areas of interest include developing methods of cost-effective testing to detect and deter the use of banned and illegal substances; developing testing protocols to detect designer substances used for doping purposes; improving existing analytical methods to detect particular drugs (e.g., GH, IGF-1, EPO, hCG); developing analytical methods to detect performance enhancing drugs not currently detectable; critical reviews that support interpretation of laboratory data; and alternative specimens, (e.g., oral fluid, dried blood/plasma spots) for testing.
PCC reviews pre-applications three times a year, with applications due March 1, July 1, and November 1. Full applications are due on April 1, August 1, and December 1.

For more information visit the Clean Competition webpage.

**Department of Defense**

The Department of Defense has announced the following new funding opportunities:

**Department of the Army - USAMRAA**

Peer Reviewed Cancer
- [FY15 Peer Reviewed Cancer Idea Award with Special Focus](#)
- [FY15 Peer Reviewed Cancer Career Development Award](#)
- [FY15 Peer Reviewed Cancer Translational Team Science Award](#)

Neurofibromatosis
- [DoD Neurofibromatosis Clinical Trial Award](#)
- [DoD Neurofibromatosis Exploration - Hypothesis Development Award](#)
- [DoD Neurofibromatosis Investigator-Initiated Research Award](#)
- [DoD Neurofibromatosis New Investigator Award](#)

Tuberous Sclerosis Complex
- [DoD Tuberous Sclerosis Complex Exploration - Hypothesis Development Award](#)
- [DoD Tuberous Sclerosis Complex Pilot Clinical Trial Award](#)
- [DoD Tuberous Sclerosis Complex Idea Development Award](#)

Gulf War Illness
- [DoD Gulf War Illness Innovative Treatment Evaluation Award](#)
- [DoD Gulf War Illness Clinical Trial Award](#)
- [DoD Gulf War Illness Epidemiology Research Award](#)
- [DoD Gulf War Illness Investigator-Initiated Research Award](#)
- [DoD Gulf War Illness New Investigator Research Award](#)

Prostate Cancer
- [DoD Prostate Cancer Physician Research Training Award](#)
- [DoD Prostate Cancer Postdoctoral Training Award](#)
- [DoD Prostate Cancer Collaborative Undergraduate Historically Black Colleges and Universities Student Summer Training](#)
- [DoD Prostate Cancer Exceptional Responders Award](#)
- [DoD Prostate Cancer Impact Award](#)
- [DoD Prostate Cancer Dr. Barbara Terry-Koroma Health Disparity Research Award](#)
- [DoD Prostate Cancer Idea Development Award](#)

Vision Prosthesis
- [DoD FY15 Vision Prosthesis Pilot Study Award](#)

Duchenne Muscular Dystrophy
- [DoD Duchenne Muscular Dystrophy Investigator-Initiated Research Award](#)
- [DoD Duchenne Muscular Dystrophy Therapeutic Idea Award](#)
- [DoD Duchenne Muscular Dystrophy Translational Leverage Award](#)

Lung Cancer
Have you explored SciVal yet?

Check out SciVal Experts, a directory of researcher expertise that enables collaboration among researchers!

Also be sure to contact our Research Concierge Service for all CTSC and research-related queries.

Researchers: Register for an ORCID ID

NIH has now adopted the ORCID ID, a free, open-source unique identifying number. Learn more about ORCID. It is also recommended that researchers link their ORCID ID to their CV in NIH’s SciENcv, which creates a current, customizable biosketch on NIH grant form pages for any NIH grant. If you would like to learn more about how to register and link your ORCID number, please contact: Clara Pelfrey, Evaluation Director at clara.pelfrey@case.edu or (216) 368-6478.