Welcome to the Clinical & Translational Science Collaborative

Pamela B. Davis, MD, PhD
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September 2015 Newsletter

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Welcome to Our New Cohort of KL2 Scholars!

**Mohamed Abazeed, MD, PhD**

Dr. Abazeed received his BS, MD, and PhD (Biological Chemistry) degrees from the University of Michigan. He then completed his residency in Radiation Oncology at Harvard, where he was a B. Leonard Holman Fellow with a research emphasis on translational genomic sciences. He joined the Cleveland Clinic’s Radiation Oncology and Translational Oncology Departments in 2013. Dr. Abazeed has been the successful recipient of several institutional and foundation grants, an invited speaker for the Case Comprehensive Cancer Center Scientific Retreat and Seminar Series, a recipient of the ASTRO Annual Meeting Resident Recognition Award in Biology (2012), and the ASTRO Translational Science Abstract Award in Biology (2015). He will be studying the precision targeting of therapeutic resistance in non-small cell lung cancer.

**Stefanie Avril, MD**

Dr. Stefanie Avril received her medical degree from the Technical University Munich, Germany, following training at the University of Caen, France, Cornell Medical School, New York, Harvard Medical School, Boston, and University Hospital Zurich, Switzerland. Her scientific career started with several studies on prediction of treatment response in ovarian and breast cancer using FDG-PET molecular imaging, followed by studies on histopathologic and molecular biomarkers of treatment response and intratumoral heterogeneity in breast and ovarian cancer. She is the recipient of several prestigious scholarships and research awards. After completing a residency in pathology at the Technical University Munich, Germany and a postdoctoral research fellowship at the University of Cambridge, UK, Dr. Avril joined CWRU/ UHCMC in 2014 as an assistant professor of pathology. Her research is focused on gynecologic oncology and breast cancer, with a specific interest in the tumor immune microenvironment and studying novel immunotherapeutic approaches to improve treatment of HER2-positive breast cancer.

**Dr. Schiltz**

Dr. Schiltz received his BS in Quantitative Economics & BA in Political Science from Miami University of Ohio and earned his PhD in Epidemiology & Biostatistics at CWRU. He is currently a research scientist in the department of Epidemiology & Biostatistics. Dr. Schiltz was awarded the Young Investigator Award from the American Epilepsy Society. His current research interests have focused on using large databases to study health outcomes and policy in people with multiple chronic conditions (MCC). His project seeks to develop and
Nicholas Schiltz, PhD apply state-of-the-art data mining methods to better understand the epidemiology of the MCC population and to predict health care costs and outcomes. In addition, he plans to use mathematical modeling to test the impact of changes in health policy on access to care and health outcomes in the MCC population. The hope is that the findings will lead to the development of more comprehensive and personalized approaches to care management of patients with multiple chronic conditions.

Dr. Sweet received her BS in Premedical studies and French from the University of Michigan. She earned her MD at Georgetown University where she also completed her Neurological Surgery residency. Dr. Sweet then came to UHCMC for her Stereotactic and Functional Neurosurgery fellowship and has stayed on as faculty. She received a Neurological Institute Research Award from UHCMC. Dr. Sweet's research involves the Deep Brain Stimulation of the Rostral Dorsal Cingulum Bundle for the Treatment of Bipolar Disorder. She hopes that this proposal will lead to a strategy to improve or even cure Bipolar Disorder for individuals who currently have no other options, and may also advance the surgical treatment of other psychiatric disorders by demonstrating how the utilization of tractography technology can assist in the identification of more precise targets for deep brain stimulation implantation.

Charlotte Bhasin Selected for Prestigious National Library of Medicine's Georgia Biomedical Informatics Course

Program will focus on pioneering techniques in informatics, health sciences and public health

August 15, 2015 - Cleveland Clinic's Administrative Director of the Clinical & Translational Science Collaborative (CTSC), Charlotte Bhasin, MOT, OTR/L, has been selected to participate in a world-class biomedical informatics course for administrative leaders, hosted by the National Library of Medicine (NLM). Held at Georgia Regents University and supported by the NLM, the Georgia Biomedical Informatics Course will feature both lectures and hands-on computer exercises showcasing clinical information systems architectures and the latest technological breakthroughs in bioinformatics related to public health.

Limited to just 30 Fellows, the National Library of Medicine selects participants from a competitive pool of medical educators, medical librarians, medical administrators and clinical practitioners to become change agents within their organizations. The program allows its Fellows to share their own expertise and lessons learned while gaining IT knowledge from the faculty and participants to benefit their own organizations.

Ms. Bhasin is an experienced healthcare director and clinician. As Administrative Director she leads the Cleveland Clinic CTSC administrative activities, interfacing with translational bench studies through clinical research multidisciplinary trials. The goal of the CTSC within NIH's national consortium is to foster effective use of research resources to conduct clinical and translational research that will expedite clinical
She directs technicians, nurses, coordinators, administrative personnel and informatics personnel on the Clinical Research Unit. In her prior position as Director of Rehabilitation Services at Cleveland Clinic, she successfully integrated five geographically disparate operations of 170 physician and allied health professionals into a cohesive system for the delivery of rehabilitative services. She is a Registered and Licensed Occupational Therapist, holding a degree in Psychology from the University of Missouri and a Masters of Occupational Therapy degree from Western Michigan University. Her clinical practice and research focused on rehabilitation technology for those with neurological impairments, creating modifications to computers and wheelchairs so that individuals with severe physical impairments could achieve mobility and communication.

"I'm confident that Charlotte's participation will benefit her classmates as well as Cleveland Clinic, as this experience permits her access to learn about the latest in the application of information technology and informatics across the nation," said W. H. Wilson Tang, MD, Director, Cleveland Clinic's Center for Clinical Genomics. "We are proud to have a key member of our team represented in this high level of training in this field," echoed Serpil C. Erzurum, MD, Cleveland Clinic's Co-Principal Investigator of the CTSC. "It reinforces Cleveland Clinic's goal to remain at the forefront of technologies that promote and improve patient care."

This Fellowship program is taught by leading faculty experts and seeks to prepare participants to take the lead in decision-making roles regarding computer-based initiatives in biomedicine, telemedicine, patient-centered care, clinical research and public health. Attendees leave with an enhanced skill set, experiences, concepts and a personal network of nationally-known bioinformatics educators and thought leaders.

About the National Library of Medicine
Established in 1836, the National Library of Medicine (NLM) is the world's largest biomedical library, hosting a vast print and digital collection searched billions of times each year by millions of people around the globe. It also supports and conducts research, development and training in biomedical informatics and health information technology.

CTSC KL2 Scholar Program
Application Deadline: October 12, 2015

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.

Dr. GQ Zhang departs as co-director of CTSC BRIM core, leads new Institute of Biomedical Informatics at University of Kentucky

Please join us in wishing Dr. Zhang all the best in his new role as director of the new Institute of Biomedical Informatics at the University of Kentucky! Read more about his transition.

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
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 and commercialization?
- Do you want assistance in understanding NCAI grant requirements?

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.

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.

News from the PRCHN

PRCHN Seminars
Mark your calendars for these upcoming PRCHN Seminars.

**9/9/2015**  
**Bridging the Gap between Hunger and Health**  
12:00-1:15pm  
**PRCHN Ground Floor Conference Room, BioEnterprise Building, 11000 Cedar Avenue**  
Sara Continenza, MPA, Hunger Network of Greater Cleveland; Darrell Hulisz, PharmD, CWRU Family Medicine & Community Health; Prakash Ganesh, MD, CWRU Family Medicine & Community Health; Rev. Benjamin Gholstin, Hunger Network of Greater Cleveland

**10/14/2015**  
**Advocacy for Policy Change and Some Success Stories for Ohio**  
Cresha Auck Foley, MA, American Heart Association

You can find more information on these seminars and other PRCHN programs [here](#).

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**foodNEST: Future of Food in Your Neighborhood**  
Case Western wins $2.3 million to study effects of Hub 55's 'food hub' on St. Clair neighborhood

Hub 55, launched last year in a 42,000-square foot building on East 55th Street near St. Clair Avenue, includes a newly opened café and farmer's market as well as space for a food hub. Food hubs, in use in about 300 locations across the country, are a bit like a supermarket-farmer's market hybrid, said Darcy Freedman, the study's principal investigator and associate director of Case's Prevention Research Center for Healthy Neighborhoods. [Read more.](#)

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**Research Highlights**

**Healthy Housework**  
A podcast by KL2 Scholar, Kathy Wright, PhD, RN, GCNS-BC, PMHCNS-BC

Don't put away your dustpan just yet – housework has health benefits. Case Western Reserve University's Kathy Wright touts the benefits of cleaning up. Wright is an instructor and KL2 Scholar at Case Western's Frances Payne Bolton School of Nursing. A transcript of this podcast can be found [here](#).

**Chronic Renal Insufficiency Cohort Study (CRIC): Overview and Summary of Selected Findings**  
Special Feature with KL2 scholar, Sankar Navaneethan, MD, MPH

The Chronic Renal Insufficiency Cohort (CRIC) Study is a United States multicenter, prospective study of racially and ethnically diverse patients with CKD. Although the **Overview and Summary of Selected Findings** will give you an introduction to the study, you can find more information in the full report of the CRIC Study. [Read more.](#)
original aims of the study were to identify novel predictors of CKD progression and to elucidate the risk and manifestations of cardiovascular disease among nearly 4000 individuals with CKD, the CRIC Study has evolved into a national resource for investigation of a broad spectrum of CKD-related topics. Download the paper here.

**Noteworthy Research**

CardioInsight Technologies will advance heart-mapping technology developed at CWRU School of Engineering in the Biomedical Engineering Department.

Professor Anant Madabhushi, team awarded patent in digital pathology, biomarker quantification

Building confidence can help people with MS live fuller, healthier lives

**Share Your Success Story With Us!**

Click here to tell us your own story!

**Events**

**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.](#)

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**Cleveland Medical Hackathon**  
**September 26-27, 2015**

The 1st Annual Cleveland Health Hackathon will bring together doctors, administrators, engineers, designers, patients, programmers, and others for a day of creative but focused collaboration. The goal is to tackle challenges in making the increasing levels of data collected through technology useful to healthcare systems and to the patients they serve.

The Cleveland Health Hackathon seeks participants who are doctors, nurses, administrators, patient advocates, innovators, entrepreneurs, designers, IT professionals and developers to tackle these challenges and present concrete breakthrough solutions by the end of the event.

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

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**10th Annual Obesity Summit: A Decade of Progress**  
**October 2-3, 2015**  
**InterContinental Hotel and Bank of America Conference Center**  
**Cleveland, OH**

Register to attend the Cleveland Clinic 10th Annual Obesity Summit. The summit attracts a diverse mix of health care practitioners interested in discussing innovative solutions to the causes of obesity, preventive strategies, and therapeutic management approaches. It features innovative sessions designed to engage you with colleagues as well as patient interviews, interactive workshops, a meet-the-professor luncheon, case-based lessons, and question and answer sessions.

This year's Summit will feature these important topics:

- New guidelines for obesity treatment
- Review of FDA-approved weight loss drugs
- Science of obesity and gut microbes
- The link between obesity and comorbidities
- The expanded role of surgery in treating obesity and diabetes
- Long-term results of bariatric surgery
- New technology for obesity management

Featured faculty include:

- Caroline Apovian, MD, Boston University
- Richard Atkinson, MD, Obetech Obesity Research Center
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 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

Simons Foundation: Investigators in the Mathematical Modeling of Living Systems
Key Deadlines: September 3, 2015, 5:00pm (CWRU Letter of Intent), October 28, 2015, 12:00pm EST (external application).

The Simons Foundation invites nominations for Simons Investigators in the Mathematical Modeling of Living Systems (MMLS). These Investigators are outstanding scientists, often with mathematics or theoretical physics backgrounds, who are now engaged in mathematical model-based research in the life sciences and to whom the Simons Foundation is dedicated to providing long-term support for their work.

Rationale and scope: New approaches in mathematically based modeling are making increasingly important contributions to the life sciences. The MMLS program aims to support such approaches and foster a scientific culture of theory-experiment collaboration similar to that prevailing in the physical sciences. To encourage young researchers to pursue this endeavor, the MMLS program will provide a long-term, stable base of support, enabling a focus on model-based approaches to important issues in the life sciences.

A broad spectrum of research areas within the life sciences will be considered, ranging from cellular-level issues of organization, regulation, signaling, and morphogenic dynamics to the properties of organisms and ecology, as well as neuroscience and evolution; however, preference will be given to areas in which modeling approaches are less established and, for this reason, bioinformatics- and genomics-related proposals fall outside the scope of the program. In all cases, preference will be given to work that relates closely to experiment, developing mathematical models that can explain data, suggest new classes of experiments, and introduce important new concepts.

Terms of Awards: An Investigator will receive research support in an amount initially set at $100,000 per year. An additional $10,000 per year will be provided to the Investigator’s department. The award is administered through the institution at which the Investigator is appointed, and this institution will receive an additional 20 percent per year in indirect costs on the Investigator and departmental funds.

For more information on this limited submission opportunity, visit the Office of Research Administration website.

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.

National Institutes of Health - Transformative Research Award Program
Letter of Intent Deadline: September 9, 2015

The Greenwall Faculty Scholars Program in Bioethics is a career development award to enable junior faculty members to carry out innovative bioethics research. Each year about three Greenwall Faculty Scholars are selected to receive 50 percent salary support for three years to enable them to develop their research program.

The Greenwall Faculty Scholars Program in Bioethics supports research that goes beyond current work in bioethics to help resolve pressing ethical issues in clinical care, biomedical research, and public policy. Scholars and Alumni/ae attend twice-yearly meetings, where they present their work in progress, receive feedback and mentoring from the Faculty Scholars Program Committee and other Scholars, and have the opportunity to develop collaborations with other researchers. The ongoing involvement of Alumni/ae with the Program provides them ongoing opportunities for professional development and feedback and engages them in mentoring of younger Scholars.
The Greenwall Faculty Scholars Program creates a community that enhances future bioethics research by Scholars and Alumni/ae. The Faculty Scholars Program Committee provides oversight and direction for the program, and is involved with selection of the Scholars but with mentoring and faculty development activities.

Up to two applicants from a university will be considered in each application cycle. Institutions are requested to have an internal screening and selection process. No more than one award per institution will be made in each Faculty Scholars grant cycle. The unit of award will be the overseeing university, thus if a university with a law school, medical school, several teaching hospitals, and a faculty of arts and sciences, nominates two applicants in a cycle, only one may be chosen.

For more information on this limited submission opportunity, visit the Office of Research Administration website.

**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.

Robert Wood Johnson Foundation - 2016 Future of Nursing Scholars
Application Deadline: September 17, 2015

The Robert Wood Johnson Foundation has released a Request for Proposals for its 2016 Future of Nursing Scholars program, an annual program that aims to help develop the next generation of Ph.D.-prepared nurse leaders committed to long-term careers that advance science and discovery, strengthen nursing education, and bring transformational change to nursing and health care.

The three-year program aims to ensure the nation has a diverse and well-trained leadership and workforce committed to building a culture of health across the country. To that end, Future of Nursing Scholars are encouraged to form long-lasting relationships and networks with other scholars in the program, as well as with scholars and fellows in other RWJF programs – situating them as a formidable group of healthcare leaders.

Schools with research-focused Ph.D. programs in nursing are eligible to apply. Selected schools will choose the Ph.D. students to be designated as Future of Nursing Scholars and must be committed to facilitating the scholar's completion of the Ph.D. degree in three academic years. The scholars selected also must be committed to completing their Ph.D. program in three academic years. Selected scholars must be a citizen or permanent resident of the United States at the time of award.

For the 2016 cohort, the program will support up to seventy-five scholars. Each scholar will receive $75,000 to be used over the three years of the program. The award must be matched by $50,000, which can be in-kind, from the school.

Application Deadline: September 17, 2015

For more information visit the RWJF webpage.

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.

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**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:

- 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 used 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), January 13, 2016, 5:00pm EST (proposal due to sponsor).*

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.

**CDC: Minority HIV/AIDS Research Initiative (MARI) to Build HIV Prevention, Treatment and Research Capacity**

**Application Deadline: October 14, 2015**

The overall objective of this teaching/mentored award program is to prepare qualified individuals for careers that have a significant impact on the HIV/AIDS-related research needs of the nation, especially in highly-affected minority communities. The objective of the Minority HIV/AIDS Research Initiative (MARI) Award program is to provide support for a sustained period of time for intensive research training and career development under the guidance of an experienced mentor in HIV prevention research and lead to promising HIV prevention activities and researchers who could independently conduct studies in highly-affected communities.

Application deadline is October 14, 2015

For more information visit the Grants.Gov webpage.

**FDA: Evaluating Quality Metrics for Risk-Based Surveillance of Drug Manufacturing Operations and Facilities (U01)**

**Application Deadline: October 16, 2015**

The goal of this project is to evaluate a set of potential quality metrics for their utility in monitoring quality across the pharmaceutical manufacturing sector. This project aids to support FDA’s efforts in transforming quality oversight from a qualitative to a quantitative and expertise-based assessment in order to assure that quality drugs are available to the American public. The outcomes of the project could also be used to assist in the development of a risk-based inspection approach for domestic and foreign drug establishments.

Application deadline is October 16, 2015

For more information visit the Grants.Gov webpage.
Association of American Medical Colleges
Application Deadline: October 16, 2015

The AAMC is teaming up with The Patrick Catherine Weldon Donaghue Medical Research Foundation to issue a request for proposals for Advancing Implementation Science in Community/Academic Partnered Research. The partnership offers an opportunity for academic medical centers to collaborate on research that has the potential for near-term impact to improve population health outcomes. The research should facilitate collaborations among researchers, community organizations, and health system leaders.

Proposal Deadline: October 16, 2015

For more information visit the AAMC webpage (pdf).

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.

Henry Luce Foundation/ACLS Program in China Studies
Offers Support for Early Career Scholars
Application Deadline: November 4, 2015

A program of the Henry Luce Foundation and the American Council of Learned Societies, the Luce Foundation/ACLS Program in China Studies seeks to maintain the vitality of China studies in the United States through fellowships and grants, primarily for scholars early in their careers.

The program offers three competitions:

1) Pre-dissertation Summer Travel Grants for Research in China are designed to enable doctoral candidates to spend three to four months in 2015 gaining familiarity with work under way in archives and field sites in China and to establish formal and informal relations with Chinese institutions and colleagues in preparation for subsequent full-time research in China. A working knowledge of Chinese is required. Applicants must be enrolled in a Ph.D. program at a university in the U.S. Grants provide $5,000 for costs associated with travel to China (air and ground transportation, visas, and living
2) Postdoctoral Fellowships provide support for scholars in preparing their Ph.D. dissertation research for publication or in embarking on new research projects. Funding supports work based on the applicant's research in China, with the aim of producing a scholarly text in English. Applicants must hold a Ph.D. from an institution in the U.S. or be a U.S. citizen with a Ph.D. from any institution. The Ph.D. degree must be completed by November 4, 2015, and conferred by May 31, 2016. An applicant who is not a U.S. citizen must have an affiliation with a university or college in the U.S. The applicant's Ph.D. degree must have been conferred no more than eight years before the application deadline. A working knowledge of Chinese is required. Fellowships provide up to $50,000 for a maximum of one academic year and a minimum of one semester. Stipends may be used for travel, living expenses, and research costs.

3) Collaborative Reading-Workshop Grants of up to $15,000 provide opportunities for scholars of different disciplines to share in-depth investigation of texts that are essential points of entry to Chinese periods, traditions, communities, or events in contemporary or historical times. Applications in all disciplines of the humanities and related social sciences are welcome. Awards may be used to support the travel and lodging costs of participants, acquisition of materials, communications, and local arrangements. Workshops must bring together scholars who would not otherwise have the opportunity to work together. Each member of the organizing team must hold a Ph.D. from an institution in the U.S. or be a U.S. citizen with a Ph.D. from any institution. Workshops must be held at a location in the U.S.


For more information visit the [ACLS webpage](http://www.acls.org).

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**Corporation for National And Community Service - AmeriCorps State and National Grants FY 2016**

**Application Deadline: December 9, 2015**

AmeriCors grants are awarded to eligible organizations proposing to engage AmeriCorps member in evidence-based or evidence-informed interventions to strengthen communities. An AmeriCorps member is an individual who engages in community service through an approved national service position. Members may receive a living allowance and other benefits while serving. Upon successful completion of their service, members earn a Segal AmeriCorps Education Award from the National Service Trust that members can use to pay for higher education expenses or apply to qualified student loans.

Letter of Intent Deadline: December 9, 2015

For more information visit the [CNCS webpage](http://www.nationalservice.gov).

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**Centers of Research Translation (P50)**

**Application Deadline: December 11, 2015**

This Funding Opportunity Announcement (FOA) invites applications for Centers of Research Translation (CORT). Overall, a CORT research program could be carried out by a synergistic team of scientists who will address a highly significant translational research challenge in a disease or condition within the mission of the NIAMS. The focus of research could be either 1) a disease-targeted translational theme addressed by synergistic Research Projects with optional Research Cores; or 2) a disease-related...
critical translational research question addressed through a single collaborative Research Project enabled by a number of highly interactive Research Cores whose work is integrated over time during the development and implementation of the Project. A CORT must have a minimum of three highly meritorious research components consisting of one or more translational Research Projects and one or more Research Cores. An Administrative Core is required in all applications. To facilitate a team science approach, the lead investigators of the research components must be drawn from relevant and, as appropriate, different research disciplines, and may be based in different departments, divisions, and/or institutions. Combined, the projects and cores will generate new knowledge that will improve our understanding of human pathophysiology, and lead to identification of new targets, other tangible products or deliverables and development of more effective treatment, diagnostic or prevention strategies for human disease.

Application Deadline: December 11, 2015

For more information visit the Grants.gov 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 Translational Team Science 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 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**

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**

Multidisciplinary Research Program

**Fiscal Year (FY) 2016 Department of Defense Multidisciplinary Research Program of the University Research Initiative**

**DEFENSE UNIVERSITY RESEARCH INSTRUMENTATION PROGRAM (DURIP)**

Military Burn Research

**DoD Military Burn Injuries Research Award**
Orthopaedic Research
**DoD Peer Reviewed Orthopaedic Applied Research Award**
**DoD Peer Reviewed Orthopaedic Clinical Trial Award**

Breast Cancer Research
**DoD Breast Cancer Breakthrough Award Levels 1 and 2**

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**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](mailto:clara.pelfrey@case.edu) or (216) 368-6478.