CTSC Accepting 2014 Annual Pilot Funding Letters of Intent

Available Funds
The Clinical and Translational Science Collaborative (CTSC) of Case Western Reserve University and the Case Coulter Translational Research Partnership (CCTRP) is accepting letters of intent for the 2014 CTSC Annual Pilot Grant Funding. The grant will fund up to $50,000 to support innovative translational research projects focused upon the invention, preclinical development and/or first in man studies of novel therapeutic agents, biomedical devices and diagnostics designed to address unmet clinical needs.

Eligibility
The CTSC and CCTRP will provide seed money to faculty in multidisciplinary programs for Pilot Projects that will lead to efficient use of resources and support of inter-institutional, Clinical and Translational research in the City of Cleveland.

Investigators in the basic science and clinical departments at Case Western Reserve University, Cleveland Clinic, MetroHealth Medical Center, University Hospitals Case Medical Center and The Louis Stokes Cleveland VA Medical Center are eligible. The PI is required to be a faculty member from one of the 5 CTSC partner institutions and eligible to be a PI for an NIH grant.

Applications should be submitted through Webgrants at http://webgrants.case.edu/
Deadline
Letters of intent are due by January 15, 2014, 11:59pm. Investigators will be invited to apply for the funding based on the letters of intent and will need to submit full applications by March 15, 2014.

For questions regarding this RFA or your application, please contact:
CTSC Pilot Program Office
CTSC-Pilot-Coordinator@case.edu
216-368-2391
http://casemed.case.edu/ctsc/

Congratulations to our recent Pilot Awardees!

**Annual Pilot Recipients:**

Li Li, MD, PhD, University Hospitals Case Medical Center, "Human Beta-Defensin-3 (hBD-3): A Novel Biomarker for Early Colon Neoplasia."

Matthew Cooney, MD, University Hospitals Case Medical Center, "Evaluation of alpha-methylacyl-CoA racemase (AMACR) as a Non-Invasive Diagnostic Biomarker for Prostate Cancer."

Micheala Aldred, PhD, Cleveland Clinic, "New therapeutic approaches in Pulmonary Arterial Hypertension."

Ann Williams, PhD, CWRU School of Nursing, "Diabetes SystemCHANGE(TM): Community-based peer support for people with diabetes."

John Kirwan, PhD, Cleveland Clinic, "Unlocking the Mechanisms of Type 2 Diabetes Remission After Gastric Bypass: Relationship Between Stimulus Secretion Coupling Mechanism, Beta Cell Morphology, and Incretin Secretion."

Efstathios Karathanasis, PhD, CWRU/University Hospitals Case Medical Center, "Early Detection of Micrometastasis Using a Nanochain and MRI."

**Core Utilization Pilot Recipients:**

Michelle Longworth, PhD, Cleveland Clinic, "Defining the link between CondensinII levels and Inflammatory Bowel Disease."

Robert Lorenz, MD, Cleveland Clinic, "Sodium Iodide Symporter Expression in Adenoid Cystic Carcinoma of the Head and Neck."

Curtis Donskey, PhD, Louis Stokes Cleveland VA Medical Center, "Development of a Targeted Metabolomics Approach to Identify Urine and Serum Biomarkers of Colonization Resistance."

Kathleen Derwin, PhD, Cleveland Clinic, "Muscle fatty atrophy in canine shoulder following 12 weeks in the presence of a persistent joint capsule defect."

Hua Lou, PhD, CWRU School of Medicine,

Offering CEUs!

**SAVE THE DATE!**

**Team Science Workshop**

February 17, 2014
Wolstein Research Building Auditorium
1:00-5:00pm

Keynote Address by
Stephen M. Fiore, PhD, Director, Cognitive Sciences Laboratory -- Institute for Simulation and Training; Associate Professor, Cognitive Sciences -- Department of Philosophy University of Central Florida

**Learning Objectives:**
1. Identify intellectual vs. personality conflicts
2. Discuss trust in teams
3. Discuss the impact of team science
4. Discuss the role of the science team leader
5. Describe the process of forming teams and how teams connect to achieve results

Looking for a Research Collaborator, Mentor, or Teammate?

Use [SciVal Experts](https://www.sciencedirect.com/science/journal/23520231) or contact our Research Concierge ([ctsc-research-concierge@case.edu](mailto:ctsc-research-concierge@case.edu))
"A novel mouse model to study learning behaviors of the neurofibromatosis type 1 disease."

Pushpa Pandiyan, PhD, CWRU School of Dental Medicine, "Modulation of tumor necrosis-α during Oropharyngeal candidiasis."

Check out our past and current award winners!

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**RFA: Brain Tumor SPORE**

The Career Development Scholars Program and a Request for Pilot Grant Applications

**Ohio Brain Tumor SPORE Pilot Grant:**

In preparation for an Ohio NIH P50 Brain Tumor SPORE Application, by Case Western Reserve University, Case Comprehensive Cancer Center, Cleveland Clinic (Cleveland OH) and Nationwide Children's Hospital (Columbus OH), all faculty members at these institutions are invited to submit outlines for pilot projects of up to $50,000 to be funded by the NIH and the Institutions. Award budget limited to $50,000.

Proposals must conform to the following guidelines and must be submitted through CTSC Webgrants:

1) Cover page listing contact information for PI and faculty collaborators
2) Proposal (5 pages) in length (excluding references) as follows:
   - Specific aims (1 page)
   - Background and Significance (1-2 pages)
   - Experimental Design (2-3 pages)
3) NIH biosketches for all faculty participants
4) Detailed budget in CTSC Format

** Note that a SPORE project must be directed toward translational research relative to Brain Tumors.

At least one specific aim should involve either direct patient contact or the study of patient derived tissue samples.

For more information on the Case Comprehensive Cancer Center: [http://cancer.case.edu](http://cancer.case.edu)

Applications need to be submitted via WebGrants ([webgrants.case.edu](http://webgrants.case.edu)) by Monday, December 16, 2013.

For technical questions related to WebGrants, please contact WebGrants support: [webgrants-support@case.edu](mailto:webgrants-support@case.edu) or call 216-368-4669

More information on the Brain Tumor SPORE at: [http://cancer.case.edu/research/brain/](http://cancer.case.edu/research/brain/)

More information on the grant application is available through Yingli Wolinsky, yxh36@case.edu, 368-4305

The Ohio Brain Tumor SPORE Career Development Scholars
Training Program:
The Ohio Brain Tumor Specialized Program on Research Excellence (SPORE) and participating institutions including Case Western Reserve University, Case Comprehensive Cancer Center, Cleveland Clinic and Nationwide Children's Hospital (Columbus, OH) will fund new Research Scholars in the upcoming academic year, 2014-2015. Support at the level of $50,000/year for 2 years will be provided by funds from the National Cancer Institute and the Participating Institutions through the Ohio Brain Tumor SPORE.

This program is designed to support research training leading to independent careers in translational Brain Tumor research. Awardees are expected to devote 70% effort to research and training, will conduct a mentored research program in the laboratory or program of one of the SPORE Investigators and have an assigned mentoring team. Applicants must be US citizens. They must have a faculty appointment at the time the scholarship begins or be in the senior year of a training program with a department commitment to a faculty appointment during the first scholarship year.

Interested candidates should submit their personal information in the NIH biosketch format and a letter of intent indicating long term career goals, interest in translational research and past experience including abstract or dissertation, clinical and research training. All applications must be accompanied by a letter of commitment from the research mentor and at least 3 letters or recommendations. One letter must be from the anticipated department head with commitment to faculty appointment and 75% protected time for research.

Materials should be submitted to Yingli Wolinsky, yxh36@case.edu, by Monday, December 23, 2013. More information about the Brain Tumor SPORE is available at http://cancer.case.edu/research/brain/.

CRU at CCF is Celebrating 10 Years of Continuous Funding

Cleveland Clinic's Clinical Research Unit is proud to announce its 10th Anniversary. Research personnel are cordially invited to a celebratory Open House at Desk M51 on the main campus of Cleveland Clinic, Wednesday, October 23, 2013, 4:00pm to 6:00pm. There will be tours, demonstrations, and clinical research experts. Light refreshments will be served. Please RSVP at crus@ccf.org
KL2 Scholar Highlights & Successes

**Thomas Frazier, PhD**, KL2 Scholar (2010), Director of Research in the Center for Autism. His KL2 Multidisciplinary Clinic Research Training Program project, conducted in conjunction with Dr. Charis Eng and the Genomic Medicine Institute, examines the downstream neural and cognitive consequences of mutations in PTEN and related pathway genes in children with autism. He and Dr. Eng recently had their research connecting autism with the PTEN genetic mutation featured in the New York Times Health section. "Autism's Unexpected Link to Cancer Gene" was published on August 11. Through its Physician Mentor Recognition Program, the AMA-WPS provides an opportunity for physicians to express appreciation to the

**Lawrence W. Green, DrPH, DSc (Hon)**

Professor, Department of Epidemiology and Biostatistics
Comprehensive Cancer Center and
Center for Tobacco Research and Education
University of California at San Francisco, School of Medicine

- Originator of: "If we want more evidence-based practice, we need more practice-based evidence."
- Internationally known for his PRECEDE-PROCEED Model, used worldwide to guide health intervention design, implementation, and evaluation, leading to over 1000 published studies, applications and commentaries.
- Author of nearly 230 scientific papers, 160 book chapters/forwards, 46 books and monographs.
- First Director of the U.S. Office of Health Information and Health Promotion (Carter Admin.), and served as Director of the CDC Office on Smoking and Health, CDC Office of Science and Extramural Research, CDC/WHO Collaborating Center on Global Tobacco Control and Research, and Director for Prevention Research and Academic Partnerships of CDC Public Health Practice Program Office.
- Distinguished Fellow in the Society of Behavioral Medicine, American Academy of Health Behavior, Society for Public Health Education. Recipient of multiple Distinguished Career Awards.
special men and women who have offered their time, wisdom and support throughout their professional journeys.

**Mehdi Shishehbor, DO**, KL2 Scholar (2005), Cardiovascular Medicine, has been selected by VIVA (Vascular InterVentional Advances) and LINC (Leipzig Interventional Course) as one of two inaugural recipients of the Vascular Career Advancement Award. The award honors interventionalists who are in the beginning of their practices and show exceptional promise as leaders through their dedication to improving the care and outcomes of patients with vascular disease.

**Sankar Navaneethan, MD**, KL2 Scholar (2010), Department of Nephrology and Hypertension, has been selected to serve on the American Society of Nephrology’s (ASN) Chronic Kidney Disease (CKD) Advisory Group for a three-year term. The CKD Advisory Group is responsible for providing clinical and scientific knowledge and advances concerning the prevention and treatment of progressive renal insufficiency and its complications to the ASN Council.

Find out what our past scholars are up to: [KL2 Scholars 2005-2013](#)