



CENTER FOR CLINICAL AND TRANSLATIONAL SCIENCE

September 2016 Volume 2, Issue 9

NEWS

We're on Facebook and Twitter!

The **UMass Center for Clinical and Translational Science** is now on **Facebook** and **Twitter** bringing you all the latest news, funding opportunities, resources, videos, retreats, seminars, and special events.



Follow us on **twitter**

Please take a moment to like us on Facebook and follow us on Twitter.

New! I-Corps Program at the UMCCTS

Are you interested in the business of science? Want help translating your research into better health?



The new **I-Corps Program at the UMCCTS**, a joint MassTERi/UMass Center for Clinical and Translational Science initiative, is designed to support the translation of biomedical research by providing early-stage education and strategic guidance to faculty, staff and students during the ideation phase of technology development.

This four-week course will be held in the Spring 2017. Designed specifically for the biomedical researcher at UMass, it guides interdisciplinary teams through a hands-on process of understanding the market for their technology utilizing a proven customer discovery methodology.

Please join us for a no-obligation, information session on either:

Thursday, October 6, 2016

4:00 - 5:00 pm

Albert Sherman Center, AS7-2072
University of MA Medical School

Monday, October 17, 2016

12:00 - 1:00 pm

Albert Sherman Center, AS7-2072
University of MA Medical School

[Register today!](#)



UMCCTS KL2 Clinical Scholars Continue to Excel!

Melissa L. Anderson, PhD, MSCI, Psychologist and Clinical Researcher, Assistant Professor of Psychiatry, Director, DeafYES! Center for Deaf Empowerment and Recovery, UMMS, and a UMCCTS KL2 Scholar recently received an R21 grant entitled "**Deaf ACCESS: Adapting Consent through Community Engagement and State-of-the-art Simulation.**" From Dr. Anderson's narrative:

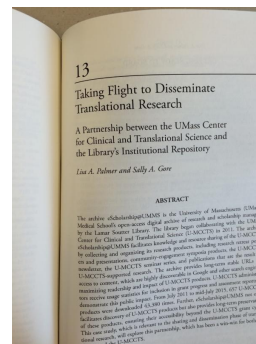
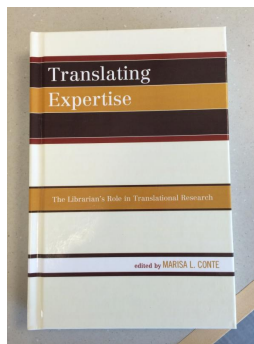
The U.S. Deaf community - a minority group of 500,000 people who use American Sign Language - is one of the most understudied groups in biomedical research. One reason is the frequent use of research techniques that are not accessible to Deaf people. In response to these issues, we will lead **Deaf ACCESS: Adapting Consent through Community Engagement and State-of-the-art Simulation**. Collaborating with Deaf community members as part of our research team, we will adapt informed consent procedures to make them more Deaf-friendly, and then use medical simulation to train research assistants how to recruit and enroll Deaf research participants. Our long-term goal is to increase the number of Deaf people who participate in biomedical research studies, and encourage more Deaf people to become actively engaged in the research world.

This project builds on work done in Dr. Anderson's pilot research, *Simulation-based Community-engaged Research Intervention for Informed Consent Protocol Testing and Training*.

To learn more about Dr. Anderson's work, visit the June 2016 issue of "Research in the Works" from the Systems and Psychosocial Advances Research Center (SPARC) which features the "Signs of Safety in English and American Sign Language: A Deaf-Accessible Toolkit for Trauma and Addiction," and accompanying video. [Read article](#).

Congratulations to Dr. Anderson for this career milestone and thank you to Drs. Doug Ziedonis and Sherry Pagoto for their mentorship in the process!

To learn more about the [UMCCTS KL2 Training Program](#), visit our website.



Sally Gore, MS, MS LIS, Research Evaluation Analyst, UMCCTS and **Lisa Palmer, MSLS, AHIP**, Institutional Repository Librarian, Lamar Soutter Library, UMMS, co-authored the chapter, **"Taking Flight to Disseminate Translational Research: A Partnership between the UMass Center for Clinical and Translational Science and the Library's Institutional Repository"** that appears in the recently published book, *Translating Expertise: The Librarian's Role in Translational Research*, edited by Marisa L. Conte, Assistant Director of the Research and Informatics Unit, Taubman Health Sciences Library, University of Michigan. Published by the Medical Library Association, *Translating Expertise* is one in a series of books that showcase the expertise of health sciences librarians. The UMCCTS and the Lamar Soutter Library have worked closely together for a number of years, collaborating on several innovative projects that are highlighted in the chapter. **Following a 6-month embargo, the chapter will be freely available in eScholarship@UMMS, the institutional repository of the research and scholarly work of the UMMS community.**

Trending is Trendy

*Sally Gore, MS, MS LIS
Research Evaluation Analyst, UMCCTS*

The PubMed homepage will soon be updated with new opportunities to browse content of recent interest. The page will include the new feature, Latest Literature, and two existing features, Trending Articles and PubMed Commons.

[Learn More](#)

DID YOU KNOW?

Research Career Award & Writing Group "K-Club"



The UMass Center for Clinical and Translational Science Research **Career Award & Writing Group "K-Club"**, established in 2007, is co-lead by Drs. Douglas Ziedonis and Sherry Pagoto. Most faculty who participate and apply for a research career award have been very successful in getting funded (>80% **success**). The group meets monthly to provide information and feedback on academic career development and on preparing a Research Career Award application.

Faculty will receive:

- Feedback on CV development
- Help on preparing NIH biosketches
- Support on creating yearly career development plans
- Individualized help on developing career goals and program of research
- Support with writing the career development grant application
- Guidance on selecting and working with primary and secondary mentors (if needed)

Don't miss out on this great educational opportunity! [Learn More](#)

There is also a [Call for Proposals](#) for the **Mentored Career Development (KL2) Training Program**

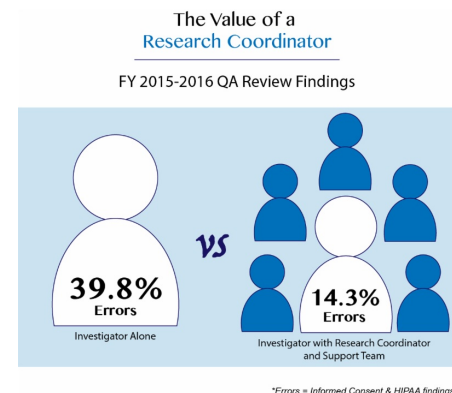
The Value of a Research Coordinator

Sally Gore, MS, MS LIS
Research Evaluation Analyst, UMCCTS

The [UMMS Human Research Protection Program](#) offers clinical investigators a host of resources and support services that improve the quality of research, the [Quality Assurance/Quality Improvement and Education](#) programs among them. **QA/QI data collected over the past fiscal year demonstrate the value of having a trained research coordinator on a study team.**

Teams with coordinators were found to produce 35% fewer errors in informed consent and HIPAA findings than those with investigators alone.

Basic and intermediate Clinical Research Training courses, plus QA/QI audits and reviews, insure the rights, safety, and well-being of patients participating in human subjects research, as well as enhance the clinical research process overall.



Ethical Dilemmas in Scientific Research and Professional Integrity



The [Atlanta Clinical & Translational Science Institute](#) would like to share their Ethical Dilemmas in Scientific Research and Professional Integrity website, video and podcast with each CTSA and beyond.

This webpage presents 40+ case scenarios involving responsible conduct in research. Each case is followed by a brief, expert opinion that suggests strategies for resolution. These resources have proven useful as teaching aids and are broadly relevant across the research spectrum.

- [Ethical Dilemmas in Scientific Research and Professional Integrity Website](#)
- [Ethics of Authorship in Research Video](#)
- [Ethics Podcast in Research: Reproducibility](#)

Questions or comments? Please email [Elizabeth Pittman Thompson](#), Director of Communications, Atlanta Clinical & Translational Science Institute (ACTSI), Emory University, Atlanta, GA



September 2016 Events

Human Research Protection Program (HRPP) Upcoming Educational Opportunities

Clinical Research Professionals Group (CRPG) Meetings:

Thursday, September 29, 2016

9:00 am - 10:00 am

Lazare Auditorium S1-607, UMMS, Worcester

Monday, October 17, 2016

2:00 pm - 3:00 pm

Hiatt Auditorium S1-608, UMMS, Worcester

Thursday, November 17, 2016

2:00 pm - 3:00 pm

Hiatt Auditorium S1-608, UMMS, Worcester



[Learn More](#)

HIPAA and Human Subjects Research

Please save the following dates for an exciting panel discussion 4-part series on HIPAA and Human Subjects Research.

Wednesdays, Amphitheater I, S2-102, UMMS, Worcester

November 2, 2016

4:00 - 5:00 pm

November 9, 2016

8:00 - 9:00 am

November 16, 2016

8:00 - 9:00 am

November 30, 2016

12:00 - 1:00 pm

Research Coordinator Trainings

The Basic and Intermediate Clinical Research Coordinator trainings will not be offered during the summer months, but stay tuned for upcoming dates in the fall of 2016!

Questions? Please email HRPEducation@umassmed.edu

This MassTERi event is sponsored by the UMMS Office of Innovation and Business Development and the UMass Center for Clinical and Translational Science.





Robert Hindes, MD

Chief Medical Officer and Co-Founder, TREK Therapeutics, PBC
Pharma experience includes, BMS, Pharmasset, BeyondWest Pharma

Clinical Trials: It Doesn't Need to be the "Same Old, Same Old"

**Wednesday, September 21, 2016
Faculty Conference Room, S1-342
University of Massachusetts Medical School**

[Register today!](#)

4:00-5:00 pm - Lecture and Case Study

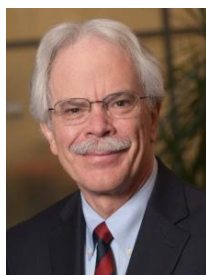
5:00-5:30 pm - Networking (refreshments served)

Lecture and Case Study: This lecture will describe the familiar pre IND>>IND>>ph1>>ph2>>ph3>> NDA route for drug development in the U.S. The system is famous for being formulaic and slow to respond to new developments. Difficult questions will be discussed including whether placebo controlled studies are ethical, who should take the risk in compassionate access programs for desperate treatments seeking access to unapproved drugs and issues related to study size, market size and biomarkers. Dr. Hindes will describe examples where the FDA changed their approach in response to data and public pressure.

This event will be a great opportunity for networking and collaboration too!



Team Science Webinar Series



Robert J. Milner, PhD

Associate Vice Provost
Professional Development
Professor, Department of Neurology, UMMS



Luanne E. Thorndyke, MD

Vice Provost for Faculty Affairs
Office of Faculty Affairs
Professor, Department of Medicine, UMMS

Academic Recognition in the New World of Team Science

**Thursday, September 22, 2016
10:00 - 11:00 am
WEBINAR**

[Register now!](#)

Science has evolved from a solitary pursuit to a team activity. This change has been driven by the power of collaboration to provide answers, by increased specialization, and by the complexity of today's problems. Multidisciplinary and transdisciplinary approaches are highly successful. But the expansion of team science poses challenges for the recognition and advancement of team members in an academic culture that has traditionally focused on individual accomplishment. Revision of the Academic Personnel Policy (APP) at UMMS provides the opportunity to recognize and reward the scholarship of teams. In this webinar, we will discuss the challenges posed by team science for academic advancement, describe the

proposed changes to the APP to recognize the scholarship of teams, and suggest how individuals can document their contributions to teams and how those contributions can be evaluated.

For past UMCCTS Team Science Webinar Series presentations - please [click here](#).

The UMass Center for Clinical and Translational Science will be participating in this year's UMass Cancer Walk & Run on Sunday, September 25th.

The **TEAM UMCCTS** fundraising page is up and ready!! (<http://www.firstgiving.com/team/333396>) You can join the team (click "Join") and take part in the walk or run, **OR** if you're unable to participate on the day, please consider donating to our efforts (click "Donate"). Let's see if we can't meet (surpass??) our goal of \$250 towards cancer research here at UMMS.

Show your support today!

Thanks so much! Nate Hafer and Sally Gore



UMASS MEDICINE
CANCER WALK & RUN

Let's pick up the pace. >>>>>

Sunday, September 25, 2016

UMass Medical School
55 Lake Avenue North, Worcester, MA

Run Registration: 7:00 am • Run Start: 8:00 am
Walk Registration: 8:00 am • Walk Start: 10:00 am

www.umassmed.edu/cancerwalk • cancerwalk@umassmed.edu • 508.856.2589



Proceeds benefit the UMass Medicine Cancer Center



2016 UMMS IT CONFERENCE & EXPO

FACULTY CONFERENCE ROOM & MAIN LOBBY
UMASS MEDICAL SCHOOL | 55 LAKE AVE. WORCESTER, MA

Transforming Health IT

SEPTEMBER 28 | 10AM - 2PM

SCAN TO REGISTER



Sherry Pagoto, PhD
Professor
Division of Preventive and
Behavioral Medicine

2016 InteropIT Keynote Speakers



Zhiping Weng, PhD
Director, Program in
Bioinformatics and
Integrative Biology &
Professor, Department
Biochemistry and Molecular
Pharmacology



Khashayar Rafatzand, MD
Assistant Professor
Radiology Department



John Broach, MD, MPH
Assistant Professor of
Emergency Medicine



Marty Baker, MS
Senior Director, Strategic
Growth and Business
Development

Register at <http://www.umassmed.edu/it/>



T1D Exchange®

The Diabetes Innovation Challenge Semi-Finals and Finals

Please join us for The Diabetes Innovation Challenge qualified
semi-final and final project presentations.

Semi Finals

September 29, 2016 (pre-clinical/translational)

5:00-8:00 pm

Albert Sherman Center Auditorium, UMMS, Worcester, MA

October 5, 2016 (early stage)

5:00-8:00 pm

University Crossing, Moloney Hall, UMass Lowell, Lowell, MA

Finals

October 20, 2016

5:00-8:00 pm

Royal Sonesta Boston, Cambridge, MA

The **Diabetes Innovation Challenge** seeks to find transformational advancements in diabetes.

The [Massachusetts Medical Device Development Center](#) (M2D2) at UMass, in partnership with [T1D Exchange](#), a nonprofit focused on accelerating innovations that improve outcomes in type 1 diabetes, present the first **Diabetes Innovation Challenge**. This exciting multi-staged event is an opportunity to identify, support and incubate transformational innovations in types 1 and 2 diabetes.

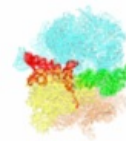
[RSVP now](#) and see 34 semi-finalists present innovative projects!

Projects include exciting innovations in the areas of diagnostics, therapies, devices and technologies. Semi-finalists will present at one of two events (Sept. 29 or Oct. 5) focused on either early-stage projects or pre-clinical/translational projects.

[Read More](#)



**Massachusetts Facility for
High-Resolution Electron Cryomicroscopy
GRAND OPENING**



**Tuesday, October 4, 2016
1pm – 4:30pm, AS2- 2102 Auditorium**



Sriram Subramaniam, Ph.D.
Chief, Biophysics Section
Laboratory of Cell Biology
National Cancer Institute (NCI)
National Institutes of Health (NIH)



Daniela Nicastro, Ph.D.
Associate Professor of Cell Biology and Biophysics
University of Texas Southwestern Medical Center



Nikolaus Grigorieff, Ph.D.
Howard Hughes Medical Institute
Group Leader, [Janelia](#) Research Campus

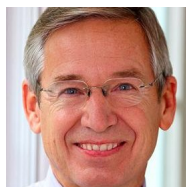


Stephen C. Harrison, Ph.D.
Giovanni Armenise-Harvard Professor in Basic
Biomedical Science, Harvard Medical School
Investigator, Howard Hughes Medical Institute

For more information contact: The Office of Research 508-856-1572

[Register today!](#)

This MassTERi event is sponsored by the UMMS Office of Innovation and Business Development and the UMass Center for Clinical and Translational Science.



John Van Drie, PhD
Owner and President, Van Drie Research, LLC
Pharma experience includes, BioCAD, Pharmacia, Pfizer, Vertex, Novartis

**Pharmaceutical Innovation:
Why Do Innovative Drugs "Die" Along the Way?**

Thursday, October 20, 2016
Multi-Purpose Room EAST, 1st floor
Albert Sherman Center
University of Massachusetts Medical School

[Register today!](#)

4:00-5:00 pm - Lecture and Case Study

5:00-5:30 pm - Networking (refreshments served)


Lecture and Case Study: Some of the principles of innovation will be discussed including the opposable mind, the role of midnight projects and failure as a metric. The reasons why innovative drugs always die before they become blockbusters will be discussed. Dr. Van Drie will discuss examples of innovative drugs that died along the way to becoming a billion dollar blockbuster.

This event will be a great opportunity for networking and collaboration too!

Upcoming MassTERi Education Seminar (Save-the Date):

11/17/16



Structure Activity Relationship (SAR): Moving the Goal Posts



UMASS METABOLIC NETWORK
WWW.UMASSMED.EDU/METNET

* Inaugural Event *


UNDERSTANDING & TARGETING METABOLISM IN DISEASE




MORRIE BIRNBAUM, M.D., Ph.D.
Sr. V.P. & Chief Scientific Officer
Cardiovascular and Metabolic Disease
Pfizer Incorporated

DAVID M. SABATINI, M.D., Ph.D.
Member, Whitehead Institute
Professor of Biology, MIT
Howard Hughes Medical Institute

Monday, October 24th 2016
3:00 - 5:00 PM
Sherman Center Auditorium

Sponsored by


* Light Refreshments to Follow



Hosts: David Guertin, Ph.D., Dohoon Kim, Ph.D., & Cynthia Hong, Ph.D.



The Department of Microbiology and Physiological Systems Presents...

17th Fred Fay Lecture

Wednesday, October 26, 2016

3:00 p.m.

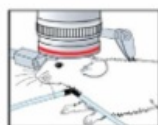
Albert Sherman Center Auditorium

AS2.2102, 2nd Floor



Stefan W. Hell, Ph.D.

Professor and Director
NanoBiophotonics Department
Max Planck Institute for Biophysical Chemistry
Göttingen, Germany

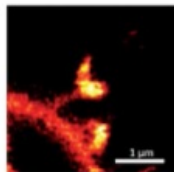


in living mouse brain

STED



Cortical neurons expressing cytoplasmic EYFP



Berning et al. Science (2012)



Hell, S.W. Nanoscopy with Focused Light (Nobel Lecture). [Angew. Chem. Int. Ed. Engl. 54\(28\):8054-8066, 2015](#)

Figure 11. STED nanoscopy in living mouse brain. The recording shows a part of a dendrite of a neuron expressing a yellow fluorescent protein (EYFP) in the cytosol, thus highlighting the neuron amidst surrounding (nonlabeled) brain tissue. The 3–4-fold improved resolution over confocal and multiphoton excitation fluorescence microscopy reveals the dendritic spines (encircled) with superior clarity, particularly the cuplike shape of some of their terminals containing the receiving side of the synapses.

Lukinavicius, G., Reymond, L., Umezawa, K., Sallin, O., D'Este, E., Gottfert, F., Ta, H., Hell, S.W., Urano, Y. and Johnsson, K. Fluorogenic probes for multicolor imaging in living cells. [J. Am. Chem. Soc. 138\(30\):9365-9368, 2016](#)

Ta, H., Keller, J., Haltmeier, M., Saka, S.K., Schmied, J., Opazo, F., Tinnefeld, P., Munk, A. and Hell, S.W. Mapping molecules in scanning far-field fluorescence nanoscopy. [Nat. Commun. 6:7977 doi: 10.1038/ncomms8977 \(2015\).](#)

FUNDING and TRAINING OPPORTUNITIES

UMass Center for Clinical and Translational Science Community Research Innovative Scholars Program Call for Proposals



The **Community Research Innovative Scholars Program (CRISP)**, which is a component of the UMass Center for Clinical and Translational Science, is pleased to offer a call for proposals to support the development of independent UMass researchers who conduct community engaged research. **Community engaged research involves collaborative research with community partners along the translational research continuum.**

[Click here](#) for CRISP webinar from 9/12/16.

Deadline for applications: November 1, 2016

[Read More](#)

Mentored Career Development (KL2) Training Program Call for Proposals

A major goal of the **UMass Center for Clinical and Translational Science** is to develop and support the next generation of leaders in clinical and translational research. Success in today's complex and competitive environment requires training that is truly transdisciplinary in nature, encompassing the full spectrum of translational research from first-in-human studies to implementation science with additional continuous feedback to basic science research.

Training of investigators who will make a career of innovative, hypothesis-driven clinical and translational research is a top priority and the **Mentored Career Development (KL2) Training Program** is designed to address this need. The KL2 Training Program will



combine coursework, seminars, and mentored research.

Interested applicants are invited to attend an [informational meeting](#) on:

Wednesday, October 5, 2016

8:00 am - 9:00 am

Albert Sherman Center, AS8-2072 (8th floor conference room)

This meeting will clarify expectations for the fellowship and answer questions.

Deadline for applications: October 14, 2016

[Learn More](#)



Association for Community Health Improvement National Conference Call for Proposals

The Associate for Community Health Improvement invites you to submit a proposal to present a breakout session or poster at the 14th Annual ACHI National Conference in Denver, CO, March 9-11, 2017. The ACHI Conference will support the essential work of community benefit, population health and community health professionals as we make progress toward *Elevating Impact Together*. We welcome you to submit a proposal to share how you have been making an impact on the health of your community.

Submission deadline: September 23, 2016

[Learn More](#)



amfAR Investment Grants: Bringing Bioengineers to Cure HIV Call for Proposals

This RFP aims to harness bioengineering technology to solve the problems posed by the HIV viral reservoir through collaborations between HIV cure scientists and bioengineers. Recent advances in nanomachines, synthetic biomarkers, in vivo sensors, multi-omic single cell platforms and other technologies have yet to be evaluated for their usefulness in curing HIV. Investment Grants provide a funding mechanism through which potentially groundbreaking, early-stage approaches are encouraged, regardless of risk or scalability.

Deadline to request log-in credentials: September 23, 2016, 3:00 pm

Deadline to submit Letter of Intent: September 27, 2016, 3:00 pm

[Read More](#)

Burroughs Wellcome Fund Career Awards for Medical Scientists



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.

Applications due: October 3, 2016

[Learn More](#)

Pfizer's Centers for Therapeutic Innovation (CTI) Fall 2016 Call for Proposals

Pfizer's CTI is a unique program that collaborates with leading academic medical centers (i.e. UMass), the NIH, and foundations to speed the translation of novel targets to the clinic.



Pfizer's CTI is now accepting proposal applications for the following:

- [Biotherapeutic and Small-Molecule Targets](#)
- [Alzheimer's Disease](#)
- [Lupus and Immunometabolism](#)
- [Crohn's and Colitis Disease](#)

Pre-Proposal Deadline: October 7, 2016

Pfizer's Centers for Therapeutic Innovation (CTI) and the Jeffrey Modell Foundation (JMF) Call for Proposals - Fall 2016



Pfizer's CTI and the JMF seek to identify and fund novel research projects that have the potential to benefit patients with **Primary Immunodeficiency**. Pfizer's CTI and JMF will jointly sponsor and fund (**\$150,000 - \$250,000**) selected, novel research projects that increase understanding of immune regulatory pathways with potential implications for Primary Immunodeficiency.

Submission Deadline: October 7, 2016

[Learn More](#)



National Institutes of Health Department of Health and Human Services

T2 Translational Research: Research Leading to New Health Care Practices, Community Programs and Policies Affecting Older Persons (R21)

This program encourages U.S. Department of Health and Human Services exploratory/development research projects on translational research (T2) directed towards development of health care practices, community programs and policies, including monitoring and quality improvement for pharmaceutical and non-pharmaceutical approaches for preventing and treating key health issues affecting the elderly.

Submission deadline: October 16, 2016

[Read More](#)

National Science Foundation 2017 Alan T. Waterman Award



The National Science Foundation (NSF) is pleased to accept nominations for the 2017 Alan T. Waterman Award. Each year, the Foundation bestows the Waterman Award in recognition of the talent, creativity, and influence of a singular young researcher.

Nominees are accepted from all sources, and from any field of science and engineering that NSF supports. The award recipient will receive a medal and an invitation to the formal awards ceremony in Washington, DC. In addition, **the recipient will receive a grant of \$1,000,000 over a five-year period** for scientific research or advanced study in any field of science or engineering supported by NSF, at any institution of the recipient's choice. We are especially interested in nominations for women, members of underrepresented groups in science and engineering, and persons with disabilities.

Application packets due: October 21, 2016

National Institute of Health Department of Health and Human Services

Science of Behavior Change: Use-inspired Basic Research to Optimize Behavior Change Interventions and Outcomes (Admin Supp) [PA-16-334](#)

The goal of this FOA is to test how and why behavior change interventions produce and sustain desired outcomes when implemented in experimental, clinical, community, or population-level settings.

Deadline for applications: November 10, 2016



Conrad N. Hilton Foundation Marilyn Hilton Award

The Conrad N. Hilton Foundation is announcing the release of two new **Request for Proposals** for its Marilyn Hilton Award.

[Bridging Grants for Physician-Scientists](#)

The Bridging Grants for Physician-Scientists will provide bridging awards to physician scientists transitioning from late postdoctoral training to their first early faculty positions at academic health centers of equivalent institutions. Ultimately, we hope these grants will help establish the research careers of junior-level-physician-scientists working on MS.

[Pilot Innovator Grants](#)

Recognizing that the funding environment for investigators at the beginning of their careers continues to present challenges, the Foundation is launching a competition that will provide young investigators pilot grants to explore new lines of research.

Deadline for applications for both of these awards: November 14, 2016



Small Conference Grants are Available!

The UMass Center for Clinical and Translational Science offers [Small Conference Grants \(SCG\)](#) designed to leverage the convening capacity of the UMCCTS to create new, multidisciplinary teams to address a pressing health need. The conference can be a symposium, educational program, seminar, workshop or any other organized and formal meeting. **The goal of the SCG is to facilitate networking opportunities between faculty that focus on clinical and**

translational research.

If you have an idea for an event that a SCG could help fund, visit the UMCCTS website for more information and RFA or contact [Nate Hafer, PhD](#), Director of Operations, UMCCTS.

University of Massachusetts Medical School Transdisciplinary Training in Cardiovascular Research (T32)

UMass has a cardiovascular T32 training grant entitled "**Transdisciplinary Training in Cardiovascular Research**" under the direction and senior leadership of Drs. Catarina Kiefe and John Keaney. The program represents a wonderful opportunity for the institution to promote the entire spectrum (T0-T2+) of cardiovascular research on our campus. We are writing to request applications from trainees who wish to become part of this exciting program at the postdoctoral level. New trainees will join 4 other current trainees in the program.



Eligibility: Please see <http://grants.nih.gov/grants/guide/pa-files/PA-14-015.html>

Duration of support: Funding for two years of support provided. Trainees may apply for an additional year.

Amount of support: Based upon the NIH stipend schedule as outlined in the link below. Faculty sponsors may, at their discretion and with department and institutional approval supplement the NIH stipend, but only from a non-federal, non-sponsored funding source.

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-15-048.html>

Proposals are accepted on a rolling basis.

[Learn More](#)



Please remember to cite the CTSA Grant # UL1-TR001453 in all supported journal publications.

The UMass Center for Clinical and Translational Science (UMCCTS) was founded in 2006 to enhance clinical and translational research across the five University of Massachusetts campuses and our clinical partner, UMass Memorial Health Care. With the receipt of an NIH Clinical and Translational Science Award (CTSA) in 2010, and its successful renewal in 2015, the UMCCTS joined a network of 62 NIH-funded centers collaborating to transform the conduct of clinical and translational research across the U.S. Other key partners include our patients and communities, foundations, biotechnology and pharmaceutical companies, and members of the venture capital and philanthropic communities.

We encourage you to browse through our [website](#) to learn more about how the UMCCTS catalyzes clinical and translational research through education and training, pilot funding programs, cores, services and collaboration.

