



## CENTER FOR CLINICAL AND TRANSLATIONAL SCIENCE

July 2017 Volume 3, Issue 7

### NEWS

#### Pilot Project Program (PPP) Funding Opportunity

##### Request for Letters of Intent

A major goal of the UMass Center for Clinical and Translational Science (UMCCTS) is to accelerate the translation of basic discoveries into practical, cost-effective solutions that improve human health.



The UMCCTS is announcing the next funding round for the **Pilot Project Program (PPP)** funding award.

The intent of the PPP award is to speed up the rate of progress to move a research project, clinical finding or other discovery into a broader network of activities, while maximizing the breadth of transdisciplinary skills applied to the research question.

We are particularly interested in proposals which feature a clinical scientist working with a basic scientist, proposals with an emphasis on community-based research, and proposals that support the career development of new investigators.

**Deadline for submission of letters of intent: Friday, August 25, 2017**

[Learn More](#)



#### Medical Device Innovations Program (MDIP) Funding Opportunity

##### Call for Proposals

*Open to UMass Medical School and UMass Lowell Faculty, Staff, and Students with an interest in medical device innovation.*

The UMass Center for Clinical and Translational Science (UMCCTS), Office of Innovation and Business Development (OIBD), and the Office of the Vice Chancellor for Research and Innovation (OVCRI) are pleased to announce a funding call for the **Medical Device Innovations Program (MDIP)**. This funding opportunity is designed to identify pressing health care problems and partner with cross-campus colleges with engineering or technology expertise to generate solutions.

This program supports projects that are inter-campus in orientation and directed toward creating a transdisciplinary team to solve a pressing clinical or health-care need with a medical device. By providing seed funding to outstanding faculty members, this fund facilitates the development of faculty-to-faculty networks within the University system, thereby leveraging the considerable expertise and

resources that exist on the individual campuses. It is assumed that successful projects will attract additional funding from extramural sources.

**Phase 1 Pre-Proposal Submission Deadline: Wednesday, August 2, 2017**

[Learn More](#)



## **Pre- and Post-Doctoral Fellowship (TL1) Training Program in Clinical and Translational Science**

### **Request for Trainee Applications**

The Pre- and Post-Doctoral Fellowship (TL1) Training Program is requesting applications from trainees who wish to become part of this exciting program at either the post-doctoral or pre-doctoral (graduate student) levels.

The TL1 Program will engage pre- post-doctoral fellows in training across the entire translational spectrum to participate in a common clinical and translational science program on our University of Massachusetts Medical School campus.

**Deadline for applications: September 15, 2017**

[Learn More](#)

## **DID YOU KNOW?**

### **Teaching of Tomorrow (TOT) Enhancing the Clinical Teaching Skills through Discourse and Practice**



Teaching of Tomorrow (TOT) is a nationally recognized and highly acclaimed Faculty Development Program for preceptors of medical students and residents. First offered in 1994, this program is presented by UMass faculty from the departments of Family Medicine, Internal Medicine and Pediatrics; over 1,500 clinical faculty and preceptors throughout the Northeast and beyond have participated. The course is designed for clinicians (MDs/DOs/BHPs/PAs/NPs) from any specialty--anyone who is interested in refining their clinical teaching skills and networking with other clinician educators.

*Sponsored by the Clinical Faculty Development Center, UMass Medical School*

**4-Day Course to be held on:**

**November 17-18, 2017 AND March 9-10, 2018**

[Learn More](#)

## **SAVE-THE-DATE 7th Annual Community Engagement and Research Symposium**



The 7th Annual Community Engagement and Research Symposium is part of the five-campus clinical and translational science movement across the University of Massachusetts. It is sponsored by the UMass Center for Clinical and Translational Science [Community Engagement and Research](#) component.

**March 9, 2018**

**8:00 am - 4:00 pm**

**Albert Sherman Center**

**University of Massachusetts Medical School, Worcester**

The goal of the symposium is to build our shared capacity to address health issues in communities throughout Massachusetts by creating opportunities for people to meet each other, learn more about each other's work and interests, and make connections and plan for future collaborative work.

Audience: Community leaders, faculty and staff from all 5 UMass campuses and other organizations and institutions interested in partnered research.

## EVENTS



# July 2017 Events

## **Human Research Protection Program (HRPP) Upcoming Educational Opportunities**

### **Clinical Research Professionals Group (CRPG) Meetings:**



**Wed. August 16, 2017**

1:00–2:00 pm

Lazare Auditorium, S1-607

UMass Medical School

**Thurs. September 14, 2017**

2:00–3:00 pm

Hiatt Auditorium, S1-608

UMass Medical School

[Learn More](#)

# Quantitative Health Sciences



## QHS SPECIAL SEMINAR

Thursday, July 27, 2017

12:00 – 1:00 PM

**Albert Sherman Building, AS9-2072**

“Foot Problems, Obesity and Longitudinal Patterns of Weight: The Framingham Study”

**Presented by: Alyssa B. Dufour, PhD**  
Harvard Medical School, Department of Medicine,  
Boston MA  
Hebrew SeniorLife, Institute for Aging Research,  
Boston, MA

**Bio blurb:**

Dr. Dufour is a biostatistician with methodologic expertise based in cluster analysis of unstable longitudinal patterns of disease progression. She received her BA in Mathematics from Stonehill College and completed her doctoral training in Bio statistics at Boston University. She is currently on faculty at the Institute for Aging Research at Hebrew SeniorLife and is an Instructor in Medicine at Harvard Medical School in Boston. Much of her research has focused on the effect of foot health, including pain, disorders and biomechanics of the foot, on the lives of older adults.

Lunch will be provided: Please RSVP to [Kelley.Baron@umassmed.edu](mailto:Kelley.Baron@umassmed.edu)

[Hackathon](#) | [What](#) | [When](#) | [Who](#) | [How](#) | [Where](#)

# UMASS MEDICAL SCHOOL HACKATHON '17

NGS DATA SCIENCE  
Next Generation Sequencing Data Analysis  
and Visualization

August 19th-August 20th  
Blais Pavillion  
Lazare Research Building  
UMASS Medical School University Campus

<https://hackathon.umassmed.edu/#/>

Coders | Viz People | Life Scientists

# UMASS

## SAVE-THE-DATE T1D Exchange Annual Meeting

Tuesday, October 3, 2017  
Boston, MA



T1D Exchange

An interactive, day-long summit dedicated to **Accelerating Therapies and Improving Care** for people touched by type 1 diabetes.

Take part in this collaborative event to discuss, explore, and generate new ideas in type 1 diabetes treatments and care around the following themes:

- Patient-Centered Research
- Collaborative Science
- Accelerating Innovation
- Improving Quality Care

For more information, contact [Liz Bevilacqua](#)

## Third Annual Clinical Translational Science Awards (CTSA) Regional Shared Mentoring Symposium

Harvard Catalyst is one of 64 CTSA's across the U.S. funded by [NCATS](#). All CTSA's share common goals in training and supporting the next generation of clinical and translational researchers. This half-day symposium is geared towards fellows and junior faculty who are in the early stages of their careers and are interested in exploring mentorship and career development. The event will feature two panel sessions: one on career development strategies and a second on career opportunities in clinical and translational research. In addition to the panel sessions, participants will individually meet with senior faculty members from local CTSA institutions to discuss personal scenarios on career development.

**Friday, October 6, 2017**  
**8:00 am - 12:45 pm**  
**Harvard Medical School, Boston, MA**

This is an excellent opportunity to network with peers from local CTSA institutions and receive career development advice.

[Learn More](#)

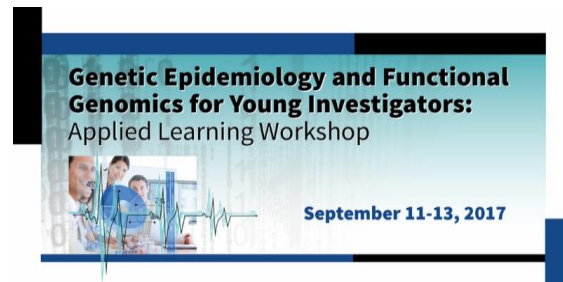
## TRAINING and FUNDING OPPORTUNITIES

### Genetic Epidemiology and Functional Genomics for Young Investigators: Applied Learning Workshop

An intensive, three-day meeting utilizing the unique data from the Framingham Heart Study (FHS).

The mission of this three-day workshop is to enable young clinical investigators and clinician scientists (MDs and PhDs) with the tools and resources to use epidemiological data to perform cardiovascular translational research, using data from FHS as an example.

[Learn More](#)



## Harrington Discovery Institute

THE HARRINGTON PROJECT  
FOR DISCOVERY & DEVELOPMENT

Harrington Discovery Institute  
University Hospitals | Cleveland Ohio

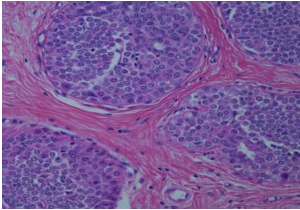
### New Award Seeks to Accelerate the Development of Novel Therapies for Rare Diseases

The Harrington Discovery Institute announces the call for proposals for the 2018 Harrington Rare Disease Scholar Award.

The Harrington Rare Disease Scholar Award was created to advance breakthrough research into cures for rare diseases.

**Deadline for letters of intent: July 19, 2017**

[Read More](#)



## 2017 Rays of Hope Center for Breast Cancer Research Grant Program

### Request for Proposals 2017

The [Rays of Hope Center for Breast Cancer Research](#) at the Baystate Medical Center is partnering with the UMass Center for Clinical and Translational Sciences to invite research proposals addressing the diverse needs facing patients and clinicians. Environmental factors are responsible for more than 70% of breast cancer risk. These include lifestyle and reproductive factors (pregnancy, obesity, shift-work) as well as exposure to environmental chemicals. Although inherited risk alleles contribute a smaller proportion of overall risk, these define pathways that render the breast epithelium vulnerable to carcinogenesis. Mechanistic studies designed to understand the complex interactions that alter risk of breast cancer or regulate progression to invasive and metastatic disease are needed to develop approaches to limit the burden of breast cancer. This includes more precise diagnostic tools and therapies as well as interventions designed to improve the lives of breast cancer survivors. Faculty at Baystate Medical Ctr, UMass Amherst and UMass Medical School are eligible to apply

**Deadline for Application Submission: August 4, 2017**

[Read More](#)

## CUGH is Now Accepting Applications for Small Global Health Education Grants



The late Dr. Tom Hall, a global health leader and one of CUGH's greatest supporters, generously provided a gift to support small global health education grants. Dr. Hall passed away May 20, 2017, but his legacy of giving lives on.

CUGH members are invited to apply for either small grants (under \$5,000) or for larger grants (up to \$10,000).

**Deadline for the second round of grant proposals: August 20, 2017**

[Read More](#)

## UMCCTS SPARK Program

The **UMass Center for Clinical and Translational Science SPARK (Small Pilot and Research Knowledge) Program** provides pilot funding for hypothesis-driven clinical and translational research, as well as access to the [Clinical Research Center](#) and other [UMCCTS cores](#). The UMCCTS's priorities are to support studies that impact clinical care and research methodologies, support students and trainees, and provide access to funds to generate pilot and preliminary data for external grant submissions.



**UMass Medical School investigators, including students, fellows, and staff are eligible for funding.** Collaborations with external collaborators, including those from other UMass campuses is encouraged. Students and fellows may be designated as the PI on UMCCTS resource requests and should list the mentor on the application and upload a letter of support. Only one PI may be designated on a request.

**No Deadline Date - Rolling Basis**

**Questions?** Contact [Nate Hafer, PhD](#)

[Read More](#)



## 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.**

### No Deadline Date - Rolling Basis

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.

## The NIH Common Fund Regenerative Medicine Program (RMP) Announces the Opportunity to Collaborate with the Stem Cell Translation Laboratory (SCTL) at the National Center for Advancing Translational Sciences (NCATS)



The purpose of this Notice is to inform the research community that the Stem Cell Translation Laboratory (SCTL) at The National Center for Advancing Translational Sciences (NCATS), part of the NIH Common Fund Regenerative Medicine Program (RMP), is seeking new collaborations to help achieve common goals in iPSC biology in a faster and more coordinated fashion. Interested investigators may propose to collaborate with SCTL on projects to bring induced pluripotent stem cell (iPSC) technology closer to clinical application, drug discovery, and regenerative medicine.

[Read 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.





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