

# UMass Center for Clinical and Translational Science Newsletter

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## UMCCTS Newsletter, February 2018, Issue 1

UMass Center for Clinical and Translational Science

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**CENTER FOR CLINICAL AND  
TRANSLATIONAL SCIENCE**

## February 2018 Volume 4, Issue 1

### FUNDING OPPORTUNITIES

#### Human Vaccines Project

##### 150K Prizes for Young Investigators

The Michelson Medical Research Foundation together with the Human Vaccines Project has established the Michelson Prizes for Human Immunology and Vaccine Research. Two investigators, under the age of 35, who demonstrate significant potential to execute pioneering ideas will each be awarded a \$150,000 prize. Applicants need to show how they are going beyond conventional approaches in their field and clearly articulate how their contribution will have a lasting impact on human immunology and vaccine research.

Applicants from disciplines across the biomedical, bioengineering and computer science fields are encouraged.

Learn more at

<http://www.humanvaccinesproject.org/michelsonprizes/>

**Pre-application Due Date: February 12,  
2018**



#### A Global Competition For Early Stage Medical Device and BioTech Startups - 2018 M2D2 200K Challenge

Call for Applications

The goal of the \$200K Challenge is to identify the most promising innovations that will move the needle in healthcare. They will be presented to a group of experts - industry partners, investors, product development experts, regulatory and quality experts, and medical, academic and business experts. The applicants whose innovations are deemed best will be awarded with in-kind services to advance their technologies.

Additional information including rules and regulations is available online: <https://app.reviewr.com/s1/site/200KChallenge2018>

**Deadline: February 19, 2018**

## Damon Runyon-Sohn Cancer Fellowship Award

224K Prizes for Scientists and Clinicians

The Damon Runyon Cancer Research Foundation, the leading charity supporting innovative young cancer researchers, and the Sohn Conference Foundation, dedicated to curing pediatric cancers, partnered to establish the [Damon Runyon-Sohn Pediatric Cancer Fellowship Award](#). This award provides funding to basic scientists and clinicians who conduct research with the potential to significantly impact the prevention, diagnosis or treatment of one or more pediatric cancers.



Applicants are not required to be pediatricians or members of pediatric departments; however, the proposed research must have direct relevance to one or more pediatric cancers.

The goal of this Fellowship Award is to recruit the top young minds to research childhood cancers. It leverages the success of the internationally-renowned Damon Runyon Fellowship Award, which has an unparalleled track record for identifying future breakthrough scientists.

**Deadline: March 15, 2018**

## PhRMA Foundation Fellowship in Regulatory Science

\$70K Annual Stipend

[Request for Applications](#)



The PhRMA Foundation funds scientists at critical points in their research careers to support and reward innovation in disciplines essential to the development of safe and effective medicines through our fellowship and grant programs.

*Regulatory Science* is the science of developing new tools, standards, and approaches to assess the safety, efficacy, quality, and performance of all FDA-regulated products. FDA-regulated products include medical products (i.e., drugs, devices, biologics), food, and tobacco products. This program will support Fellows focusing on medicine and medical products exclusively. The Fellowships include a paid annual stipend of \$70,000

**Deadline for applications: April 1, 2018**

For more information: [www.phrmafoundation.org](http://www.phrmafoundation.org).

## EVENTS

## 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**  
**8:00am - 3:00pm**  
**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.

**Registration Deadline is February 16, 2018.**

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**Boston University  
Interdisciplinary  
Biomedical Research Office  
(IBRO)**

**-  
Creating & Connecting  
Research**

*Presents*

*BU Technology Wonders: Potential Biomedical Applications*

Date: March 28th, 2018

Time: 2:00 pm to 5:00 pm

**Location:** Room x714, Evans Biomedical Research Center, 650 Albany Street

Address inquiries to Dr. Katya Ravid via Robin MacDonald at: [remac@bu.edu](mailto:remac@bu.edu)

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**Cancer Biology Program Research Retreat  
to be held at the  
Hogan Campus Center at the College of the Holy Cross**

**Monday, April 2, 2018**

**Keynote Speaker  
William Sellers, M.D.**

Broad Institute, Dana-Farber Cancer Institute

\* Please Register at <https://www.eventbrite.com/e/umms-cancer-biology-program-research-retreat-tickets-42440453539>

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## SAVE-THE-DATE:

**Tuesday, May 1, 2018, 1:30 pm Faculty Conference Room**

An afternoon to celebrate The Diabetes Center Excellence and its people. UMass has for years been and remains a leading institution for diabetes research and care. Clearly, the force driving that excellence is its people.

Keynote Speaker: Jeffrey Friedman, M.D., Ph.D., Professor, Rockefeller University, Investigator, Howard Hughes Medical Institute.

The event will also include a poster session, prizes and research/care awards.

More information to follow shortly.

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## FOR YOUR INFORMATION:

For your reference and information, PDFs of the five Skills Series workshop presentations in Scholarly Publishing and Communication offered throughout this past fall are now available online at: [https://libraryguides.umassmed.edu/research/scholcomm\\_skills\\_series](https://libraryguides.umassmed.edu/research/scholcomm_skills_series).

They cover:

- Finding and Evaluating Journals
- Working with NCBI
- Sharing Your Research
- Identity Management with ORCID and Other Tools
- Keeping Track of Your Impact

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## NIH CLINICAL AND TRANSLATIONAL RESEARCH COURSE FOR PhD STUDENTS:

The NIH is hosting a free Clinical and Translational Research Course for PhD Students July 9-20, 2018, at the NIH main campus in Bethesda, MD. Students will learn the process of clinical and translational research from concept to implementation. The application deadline is Friday, March 30, 2018, 5:00 PM EDT.

For more information, please email [phdcourse@cc.nih.gov](mailto:phdcourse@cc.nih.gov).

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## FDA Voice Blog:

### Bringing Early Feasibility Studies for Medical Devices Back to the United States

Ten years ago, when medical device manufacturers wanted to gain early clinical experience with their new devices they often went overseas to conduct first-in-human or small clinical studies. Moving a device from bench to bedside for use in patients is a critical step along the development path. However, going overseas delayed access to potentially beneficial devices for American physicians and patients.

Today, FDA's Center for Devices and Radiological Health (CDRH) has an Early Feasibility Studies Program (EFS) that provides a route for innovators, sponsors, FDA review teams, and clinicians to work together to facilitate the early clinical evaluation of medical devices in the United States under the investigational device exemption (IDE) regulations.

An EFS is a limited clinical study on a device early in its development, typically before the device design has been finalized, for a specific indication. It may be used to evaluate the device design concept with respect to initial clinical safety and device functionality. The EFS Program includes enhanced opportunities for collaboration, increased regulatory flexibility, and consideration of benefit-risk principles, while maintaining appropriate patient protection measures.

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