



## CENTER FOR CLINICAL AND TRANSLATIONAL SCIENCE

February 2017 Volume 3, Issue 2

### NEWS



**MassTERi**  
Translation • Entrepreneurship • Realization



### I-Corps Program at the UMCCTS Spring 2017 Course

The **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.

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.

**[Visit our website for complete information and to apply.](#)**

This short course is a pre-cursor to a selective and intense set of courses run by the NIH and NSF and known as I-Corps. The I-Corps Program at the UMCCTS is designed to give teams a feeling if they and their opportunity are ready to apply for the national classes held by the NIH and NSF. This short course maintains the intensity of the full I-Corps program but limits the time commitment.

Questions? [ccts@umassmed.edu](mailto:ccts@umassmed.edu)

**We want your presentations!**

### **Mini Symposia - Call for Proposals**

The UMass Center for Clinical and Translational Science is requesting proposals for the concurrent mini symposia to be held during the Annual Retreat on May 16, 2017 at the University of MA Medical School, Worcester, MA. This all day Retreat encompasses the 5 UMass campuses, UMass Memorial Medical Center, and public health organizations with over 375+ attendees. It is a great venue for collaboration and networking too. Don't miss out on this exciting opportunity to showcase your presentation!



**Deadline for proposal submission: February 24, 2017**

[Learn More](#)

**[Visit our Retreat website](#)**

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*Save the  
Date!*

## 7<sup>th</sup> Annual Research Retreat

UMass Center for Clinical and Translational Science

**Tuesday, May 16, 2017**

**7:30 am – 3:30 pm**



*This retreat is supported by NCATS/NIH, through Grant # UL1-TR001453. The content is solely the responsibility of the delegates and does not necessarily represent the official views of the NIH.*



### UMASS Optimizing Psychiatric Treatment In MAternal mental health (OPTIMA) Center Call for Abstracts

The goal of this communication is to solicit abstracts for research projects focused broadly on perinatal mental health and associated comorbidities including addiction and trauma. Abstracts will be considered for inclusion in a UMMS center grant application being submitted to the NIH. Selected abstracts would be funded as pilot projects if UMMS is awarded the grant.

UMass, in collaboration with other state government and academic institutions, will be applying for a National Institute of Health (NIH) program project grant in response to the [PAR-16-354](#) funding opportunity announcement. The NIH FOA is titled, "Advanced Laboratories for Accelerating the Reach and Impact of Treatments for Youth and Adults with Mental Illness (ALACRITY) Research Centers".

**Abstract submission deadline: February 27, 2017**

**Questions? [Tiffany Moore Simas](#)**

[Read More](#)



### Applications in Network Medicine: Gene Co-expression and Gene Regulation Networks

Harvard Catalyst is now accepting applications for the *Applications in Network Medicine: Gene Co-expression and Gene Regulatory Networks*, a one day, hands-on module which will provide experience in the analysis of two specific types of biological networks: gene co-expression networks and gene regulatory networks.

**May 1, 2017**

**Sheraton Commander Hotel, Cambridge, MA**

- Learn theoretical concepts behind gene co-expression and gene regulatory networks
- Apply several existing gene co-expression and gene regulatory methods to actual data sets

**Deadline date for applications: February 24, 2017**

[Learn More](#)

## DID YOU KNOW?

### Congratulations to Dr. Pivovarova!

#### 2017 Mentored Career Development (KL2) Awardee

In the fall of 2016, the UMass Center for Clinical and Translational Science announced the **Mentored Career Development (KL2) Award** call for proposals.

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

We are pleased to announce that **Ekaterina (Kate) Pivovarova, PhD**, Assistant Professor, Department of Psychiatry, Law and Psychiatry Program, at the University of MA Medical School, **has been selected as the recipient of the 2017 KL2 Award** for her proposal, "**Examining Attrition in Substance Abuse Treatment Through the Health-related Quality of Life Lens**". Congratulations to Dr. Pivovarova and her mentors, Drs. Doug Ziedonis, Charles Lidz, Gina Vincent and John E. Ware, Jr.

#### Research Career & Writing Group "K-Club"

**Are you interested in applying for a research career award?** If so, sign up today for the **Research Career & Writing Group "K-Club"**. The K-Club, established in 2007, is co-lead by Drs. Doug 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.

[Learn More](#)

#### New Peer Review Videos for Applications and Reviewers

NIH's Center for Scientific Review posted recordings of their most recent webinar series on peer review:

- [8 Ways to Successfully Navigate NIH Peer Review and Get a Fellowship Grant](#)
- [8 Ways to Successfully Navigate NIH Peer Review and Get an R01 Grant](#)
- [NIH Peer Review Briefing for Basic Research Applicants and Reviewers](#)

#### Benefits of Membership to UMCCTS

Did you know that membership to the UMass Center for Clinical and Translational Science (UMCCTS) provides access to the following UMass libraries, UMass Amherst, Boston, Lowell, and Worcester (UMass Dartmouth is in the works)?



Benefits of membership include:

- UMass members can access UMass Worcester research cores at the on-campus academic rate. Non-UMass academic members can access UMass Worcester research cores at the off-campus academic rate. Industry partners pay industry rates.
- UMass faculty are eligible to access electronic resources at the UMass Amherst, Boston, Lowell and Worcester Libraries.
- UMass members are eligible to apply for pilot award funding opportunities.
- Members receive e-mail notification of all UMCCTS funding opportunities, events, seminars, annual retreat, and monthly newsletter.

Sign-up for membership or refer a friend or colleague.

[Learn More](#)

## EVENTS

## Events Calendar

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

## February 2017 Events

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

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



**Monday, March 6, 2017**

1:00 - 2:00 pm

Hiatt Auditorium S1-608

**Thursday, April 13, 2017**

2:00 - 3:00 pm

Hiatt Auditorium S1-608

**Tuesday, May 16, 2017**

1:00 - 2:00 pm

Hiatt Auditorium S1-608

**Monday, June 12, 2017**

3:00 - 4:00 pm

Hiatt Auditorium S1-608

[Learn More](#)

## Designing for People

### Personal Health Monitoring Device Usability Workshop

**Wednesday, March 1<sup>st</sup>**

11:30am-1pm

IALS Conference Center seminar rooms (S330/S340)

RSVP: <https://goo.gl/forms/dLVnZjtmu338rb3l1>

**Sponsored by the NIH P20-funded UManage Center:  
UMass Center for Building the Science of Symptom Self-Management**



Facilitated by Jenna Marquard  
Associate Professor of Industrial Engineering

This interactive workshop will:

- Introduce you to human factors usability design principles and methods
- Describe how human factors usability design methods can improve product and system design and implementation
- Allow hands-on practice of some human factors usability design methods

### PiPSS Seminar Series

Please join us for the monthly Projects in Process Seminar Series (PiPSS) on:

**Thursday, March 9, 2017**

3:30 - 5:00 pm

AS7-2072, Albert Sherman Center, UMMS



The PiPSS Seminar Series is designed to give trainees the opportunity to present their work in a forum of peers and faculty with the goal of ensuring the continuous professional feedback and cross-fertilization that is required for excellence in research.



## 2017 Annual Harvard Catalyst Child Health Symposium Putting Kids First: Facilitating Multisite Pediatric Trials

April 4, 2017

8:00 am - 4:30 pm

Joseph B. Martin Conference Center - Rotunda  
Harvard Medical School

The current research landscape presents a variety of challenges for multisite pediatric research. Our speakers from across the US will share contemporary findings and update Harvard's Child Health Research community on recent developments around multisite pediatric trials.

**Registration is now open until March 28**

[Learn More](#)

The Healthcare Delivery Institute (HDI) at WPI  
*presents*  
Innovation Forum Series

*You're invited...*



## Improving Healthcare Experiences through Systems Engineering, Design, and Data Intelligence

Wednesday, March 29, 2017

7:30 am - 10:00 am

Worcester Polytechnic Institute  
60 Prescott Street (Gateway Park)  
100 Institute Road  
Worcester, MA 01609

[Learn More](#)

# BIOINFORMATICS CORE

## A Clinical System Overview

Presented by

**Tim Tarnowski**

Senior Vice President and CIO  
UMASS Memorial Health Care  
&

**Jomol Mathew**

ACIO, Research Computing and Data Innovation  
UMASS Medical School

## "EPIC, DataLake & Informatics Tools for Research"

Thursday  
April 13, 2017  
11:00 AM

**Albert Sherman Center**  
AS6-2072

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*Host: Manuel Garber, Associate Professor Bioinformatics and Integrative Biology  
Director Bioinformatics Core  
University of Massachusetts Medical School*

SAVE THE DATE

MAY 18, 2017

UMass Center for mHealth and Social Media Conference:

## HOW DIGITAL HEALTH IS REVOLUTIONIZING MEDICINE



**Keynote Speaker:**  
**Dr. Gary Bennett**

founder of Duke Digital  
at Duke University

### featured speakers:

- Dr. Edwin Boudreaux, UMMS, Emergency Medicine
- Dr. Judson Brewer, UMMS, Medicine & Psychiatry
- Dr. Deepak Ganesan, UMass Amherst
- Dr. David McManus, UMMS, Medicine
- Dr. Sherry Pagoto, UMMS, Prev. & Behavioral Medicine
- Dr. Bengisu Tulu, WPI
- Dr. Molly Waring, UMMS, Quantitative Health Sciences

Join us for the 1st Annual UMass mHealth and Social Media Conference. This free event will be held from 10am-3pm on May 18, 2017 in the Faculty Conference Room at UMass Medical School. Lunch will be provided. Space is limited! Registration information to come.

*sponsored by:*



#UMASSDIGITAL17

## FUNDING and TRAINING OPPORTUNITIES

### 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](#)

**Repurposing Research to Improve Patient Outcomes in**

## Huntington's Disease



CURE ACCELERATOR™

This request for proposals is soliciting research proposals to identify repurposed treatments for Huntington's Disease. We are interested in generic or proprietary drugs, devices and nutriceuticals that could be repurposed to reduce the symptoms, progression and/or incidence of Huntington's Disease, to thereby improve patient outcomes and reduce the suffering caused by this disease.

**Deadline for Project Proposal Summary Submissions: February 28, 2017**

[Read More](#)



### 2017 Dr. Paul Janssen Award for Biomedical Research

Nominations are now being accepted for the 2017 Dr. Paul Janssen Award for Biomedical Research. The Award celebrates innovative scientists in academia, industry or government whose discoveries in the field of biomedicine or medical technology have made, or have strong potential to make, a measurable impact on human health. The winner(s) will receive a **\$200,000 cash prize** and international recognition.

The Award has recognized some of today's most passionate and creative scientists who have made advancements in diverse fields including genomics, RNA interference, thermosensation, angiogenesis, CRISPR-Cas9, cancer research and autophagy. Two of our distinguished Award winners have gone on to receive the Nobel Prize.

**Deadline date for application submission: February 28, 2017**

[Read More](#)

### 2017 ADDF-Harrington Scholar Award Accepting Letters of Intent



Alzheimer's  
Drug Discovery  
Foundation

The ADDF-Harrington Scholar Award supports research efforts that seek to prevent, treat or cure Alzheimer's disease, related dementias and cognitive aging.

**Deadline for letters of intent: March 17, 2017**

[Read More](#)

**Charles H. Hood Foundation**  
Child Health Research Awards Program

### Charles H. Hood Foundation Child Health Research Awards Program

The Charles H. Hood Foundation was incorporated in 1942 to improve the health and quality of life for children throughout New England. Today's research projects encompass many disciplines that have contributed to discoveries in pediatric medicine while launching the careers of promising junior faculty. The intent of the Award is to support newly **independent faculty**, provide the opportunity to demonstrate creativity, and assist in the transition to other sources of research funding. **Research projects must have direct relevance to child health.**

**Online application deadline: March 29, 2017**

[Read More](#)

### AbbVie Immunology Scholarship

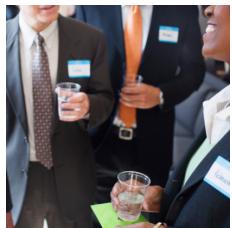
AbbVie has launched the AbbVie Immunology Scholarship, which is designed to provide financial support for exceptional students living with inflammatory diseases\*, including Crohn's disease (CD) or ulcerative colitis (UC), as they pursue their higher education goals.

**Applications must be submitted by: March 31, 2017**

\*Scholarship available to students living with Crohn's disease (CD), ulcerative colitis (UC), rheumatoid arthritis (RA), juvenile idiopathic arthritis (JIA), psoriatic arthritis (PsA), ankylosing spondylitis (AS), uveitis (Uv), hidradenitis

suppurativa (HS), or psoriasis.

[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.



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.

