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UMCCTS Newsletter, November 2018

UMass Center for Clinical and Translational Science

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CENTER FOR CLINICAL AND TRANSLATIONAL SCIENCE

November 2018 Newsletter

➢ **CCTS SPARK Program (Small Pilot and Research Knowledge)**
➢ **CCTS Small Conference Grants**
➢ **DRIVe's EZ-BAA**
➢ **MCCISS K12 Support and Training**
➢ **NCATS Funding**

CCTS SPARK PROGRAM: Rolling application deadline. This program's priorities are to support studies that impact clinical care and research methodologies, support students/trainees, and provide access to funds to generate pilot and preliminary data for external grant submissions. For more information, click on this link: https://www.umassmed.edu/ccts/funding/spark-program/

CCTS SMALL CONFERENCE GRANTS: Rolling application deadline. This funding facilitates the development of faculty-to-faculty networks within the University system. Click on this link for more information: https://umassmed.edu/ccts/funding/small-conference-grants/

DRIVe's EZ-BAA APPLICATION PROCESS: Is now open for business! Calling all medical product developers, research teams, and companies! Those offering disruptive innovative approaches that will transform health security threats are now invited to submit abstracts using DRIVe's simplified EZ-BAA process. Applications must offer transformative innovation, products, and technologies to protect Americans from health security threats.

In-scope priority areas include:
- *Products and solutions to reduce illness and death from sepsis as part of DRIVe's Solving Sepsis Initiative;*
- *Technologies and processes to identify infections and exposures to biological and other health threats, as outlined in the Early Notification to Act, Control, and Treat (ENACT) initiative; and*
- *Tools and techniques to mitigate the damages and loss of life associated with catastrophic events*

Download the DRIVe EZ-BAA abstract submission application, click here.
To learn more about the DRIVe EZ-BAA, click here.

MCCISS K12 TRAINING GRANTS: The Massachusetts Consortium for Cardiopulmonary Implementation Science Scholars (MCCISS) announces K12 training grants for 2019. MCCISS is an institutional K12 training grant program funded by NIH to UMass Medical School, VA CHOIR and Baystate–UMMS. The goal is to support junior investigators who are interested in becoming independent scientists in cardiopulmonary disease implementation science. *Implementation science*, an emerging discipline in the health sciences, studies the best ways to incorporate evidence-based practice into routine clinical and public health practice. Scholars pursue implementation research in prevention, management and/or treatment of heart, lung, blood and sleep diseases, such as coronary heart disease, chronic obstructive pulmonary disease, venous thromboembolism, and sleep apnea.

How does MCCISS work? Scholars complete individually tailored career development plans that meld (1) mentored research experiences in collaboration with a diverse range of clinical and community partners; with (2) three courses covering cutting edge implementation science frameworks and methods held on the UMass Medical School campus in Worcester; and (3) additional enrichment opportunities (seminars, grant-writing workshops, etc.). All scholars must devote 75% effort while they are in the program. **Scholars receive up to $75,000 in annual salary plus fringe benefits, and $30,000 per year for research expenses**.

You are eligible if you:
→ Wish to pursue a career as an independent investigator in implementation science;
→ Have a faculty appointment at one of the MCCISS institutions;
→ Have earned a research or health professional doctoral degrees (MD, DO, Ph.D., Sc.D., etc.) in a discipline such as medicine, public health, pharmacy, social sciences, computer science, engineering or nursing;
→ Are a US citizen or permanent resident;
→ Haven't previously been PI or Co-PI on an R01 or VA IRR or equivalent grant, nor have a pending application

MCCISS Important Dates

| Informational Webinar 11.08.2018 | Letters of Intent Due 12.10.2018 | Full Applications 02.25.2019 | Scholar Selection April 2019 | Scholar Appointments 09.01.2019 |

For more information or to receive an electronic copy of the Request for Applications, please contact barbara.estabrook@umassmed.edu.

NCATS FUNDING: NCATS has announced funding opportunities to use partially developed therapeutic candidates to identify new treatments for a broad range of diseases. For full details, click on this link: https://ncats.nih.gov/news/releases/2018/ntu-foa-2018

➢ **K Club**
➢ **New Clinicaltrials.gov Education Sessions**
➢ **PiPSS (Projects in Process Seminar Series)**

K CLUB: Meets every **1st and 3rd Wednesday** from **4:00pm to 5:00pm** in **S2-160** to provide information and feedback on Research Career Award applications (NIH K Awards, VA Research Career Awards, CTSA K grants, etc). Participants receive feedback on their biosketch, training plans, research plan, specific aims, and a wealth of other information. For more information, visit: https://www.umassmed.edu/ccts/education/k-club

NEW CLINICALTRIALS.GOV EDUCATION SESSIONS: Are you a PI or study team member for a human research study? Clinicaltrials.gov registration isn't limited to drug or device trials – it can include any human research study which prospectively assigns participants to one or more intervention to evaluate the effects on health outcomes. It can include surgical and behavioral interventions as well as drug and device studies. Failure to properly register a trial can lead to denial of study publication, restriction in funding, and civil monetary penalties.

Contact Meg Johnson (meg.johnson@umassmed.edu) HRPP Compliance Administrator and UMMS Clinicaltrials.gov's point of contact to learn more about registration, maintenance and result reporting requirements for www.clinicaltrials.gov.

TOPIC	DATE	TIME	PREREQ	REGISTRATION LINK
Clinicaltrials.gov **Basic: Registration**	11.28.18	11am-12pm	N	https://i.umassmed.edu/inside/display/EventDisplay.aspx?sID=18482
Clinicaltrials.gov **Intermediate: Registration**	11.29.18	11am-12pm	Y	https://i.umassmed.edu/inside/display/EventDisplay.aspx?sID=18484
Clinicaltrials.gov **Basics: Record Maintenance and Results Reporting**	11.30.18	11am-12pm	Y	https://i.umassmed.edu/inside/display/EventDisplay.aspx?sID=18486

PiPSS: The Projects in Process Seminar Series (PiPSS) is designed to give CCTS trainees and junior faculty an opportunity to present their work in a structured format and in a forum of peers and faculty, with the goal of ensuring continuous, professional feedback and cross-fertilization that is required for excellence

in research. **Sessions are held monthly on the 1st and 3rd Thursdays of each month – October 18, 2018 through May 2, 2019. Sessions are held at 3:30pm in ASC8.2072 (Albert Sherman Building).**

The November 15th speakers will be:

→ **Ekaterina Pivovarova, K** "*Improving Adherence for Individuals with Substance Use Disorders in Court-Mandated Treatment*"

→ **Samson Jolly, MD/PhD** "*Understanding the Role of a Prokaryotic Argonaute*"

→ **Asia Matthew-Onabanjo, MD/PhD** "*The Autophagy-Independent Role of Beclin 1 in Breast Cancer*"

→ **Philip Feinberg, T, MD/PhD** "*Innate Immune Mechanisms Governing Excitatory/Inhibitory Balance and Seizures in the Mouse Brain*"

➢ **8th Annual UMCCTS Community Engagement and Research Symposium**
➢ **Fredric S. Fay Lecture**
➢ **Imaging Week 2018**
➢ **Strengthening HealthCare Services in Liberia**

8th ANNUAL UMCCTS COMMUNITY ENGAGEMENT AND RESEARCH SYMPOSIUM: **Friday, March 22, 2019 (8:15am-1:30pm)**, UMass Medical School, Worcester MA. The goals of the UMCCTS Community Engagement and Research Symposium is to build our shared capacity to address health issues in communities throughout the Commonwealth by helping attendees: (1) network; (2) learn more about each other's work/interests; and (3) make connections and plan for future collaborative work.

Keynote:
Mona N. Fouad, MD, MPH, Senior Associate Dean, Diversity and Inclusion
University of Alabama at Birmingham.

Breakout Session Proposals Due: Wednesday, November 21, 2018 by 5pm

The breakout sessions serve as an opportunity for learning about innovative initiatives from community-engaged research teams from the UMass system, other academic institutions, our local communities and beyond.

Audience: Community leaders, faculty and staff from UMass's five campuses, as well as other organizations and institutions interested in partnered research.

Breakout Format Session: There will be four concurrent 60-minute presentations in one breakout session from 9:30-10:30am. Presentations should include interactive discussion. Sessions or trainings previously presented at other conferences are welcome.

Possible Formats: Panel Discussion, Training/Workshop, Presentation of Research Results

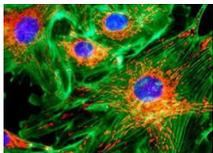**Please submit your proposal via email to**: communityengagement@umassmed.edu with the following information:

→ Title of breakout session
→ Name(s) and affiliation of moderator(s)
→ List of breakout session presented with email/phone
→ Background and purpose of the breakout session
→ Anticipated format (including a description of how you will interact with the audience)

Notification Date: **You will be notified by 12.07.2018 regarding the status of your proposal**.

Registration opens on January 7, 2019.

**Questions? Email communityengagement@umassmed.edu.
For more information, visit www.umassmed.edu/ccts/community**

FREDRIC S. FAY LECTURE: Ronald D. Vale, PhD will present "*Designer Receptors for T Cells and Macrophages.*" **Friday, November 16, 2018, 3:00pm, Albert Sherman Building AS2.2102** (2nd floor). A reception will follow the lecture with an imaging poster session in the Cube Suite. For more detailed information, click here or contact Host: Ann R. Rittenhouse, PhD 508.856.3735.
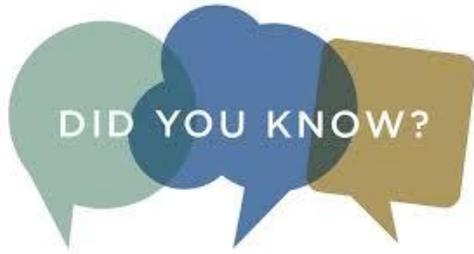

IMAGING WEEK 2018: November 12-16, 2018
Celebrating light microscopy @ UMMS. Enjoy numerous opportunities to learn more! Instrument demos, topical group meetings, seminars, poster session with participating exhibitors Olympus, Abberior Instruments, New England BioLabs, GE Healthcare, and Zeiss. **For a list of events, please click here. For more details and poster submission, visit www.umassmed.edu/scope. For any other queries, contact Christina.Baer@umassmed.edu.**

STRENGTHENING HEALTHCARE SERVICES IN LIBERIA: Join the Department of Medicine and the Division of Cardiovascular Medicine for an update on healthcare services in Liberia. **Monday, November 19, 2018 (Noon-1:15pm)** in the **Albert Sherman Auditorium (2nd Floor)**, with a pre-presentation reception (RSVP only) to be held in the Multipurpose Room East (1st Floor) from 11:30am-Noon. RSVP to globalhealth@umassmed.edu by Wednesday, November 15, 2018.

- ➢ **CTSA Program Hubs**
- ➢ **Diamond Portal Allows CTSA Members to Access,**
- ➢ **Share Training/Assessment Materials**
- ➢ **HRPP QA/QI**
- ➢ **National Center for Data to Health (CD2H)**

CTSA PROGRAM HUBS: Three North Carolina Clinical and Translational Science Awards (CTSA) Program hubs have collaborated to create a platform for sharing regulatory expertise and best practices. The Regulatory Guidance for Academic Research of Drugs and Devices (ReGARDD) Program provides researchers with regulatory guidance, education, and consultative support, to ultimately help them move promising products and novel discoveries to clinical trials.

ReGARDD, which is coordinated by Duke University, the Wake Forest School of Medicine, and the University of North Carolina at Chapel Hill hubs with partner RTI International, officially launched in 2015 and has been developing since. The program builds upon the existing services and knowledge of the North Carolina CTSA Program Regulatory Groups and the Research Triangle Park (RTP).

Read the full story [here](#). Visit the ReGARDD website [here](#).

DIAMOND PORTAL: To address the need for consistent training assessment and measures of competency, the Michigan Institute for Clinical & Health Research (MICHR) has collaborated with the Ohio State University, Rochester University, and Tufts University to launch the DIAMOND Portal. It is a pioneering digital collection that serves as a sustainable, federated database for members of clinical and translational research study teams to share and access training and assessment resources. For more information, visit https://www.michr.umich.edu/news/2018/10/15/new-diamond-portal-allows-ctsa-members-to-access-share-training-and-assessment-materials

HRPP QA/QI: The Human Research Protection Program (HRPP) Quality Assurance/Quality Improvement (QA/QI) Program is a component of the UMass Center for Clinical and Translational Science. The program is independent of the IRB and helps study teams and investigators by conducting routine post-approval monitoring of on-going research to evaluate adherence with institutional requirements and federal regulations. If there are review findings, the QA/QI manager shares those findings with investigators and study teams, and provides direct education on the findings, including how to avoid making similar errors in the future. In order to support improvement at an institutional level, the QA/QI manager shares aggregated data from reviews with the HRPP leadership and the Research Community to identify trends and target areas for education. The program also makes self-evaluation tools available to investigators and study teams seeking to perform their own assessments. To learn more about HRPP QA/QI HRP-142, visit: https://www.umassmed.edu/globalassets/ccts/ccts-media/irb/updated-sops-2015/hrp-142-hrpp-qa-qi-program-final.pdf.

NATIONAL CENTER FOR DATA TO HEALTH (CD2H): The goal of CD2H is to make data more meaningful, open and accessible. The CD2H supports a vibrant and evolving collaborative informative ecosystem for the CTSA program and beyond. The CD2H harnesses and expands an ecosystem for

translational scientists to discover and share their software, data and other research resources within the CTSA program network. The CD2H also creates a social coding environment for translational science institutions, leveraging the community-driven DREAM challenges as a mechanism to stimulate innovation. To learn more, click here.

RECRUITMENT AND RETENTION TOOLKIT: The Trial Innovation Network accepts toolkit submissions from CTSAs and reputable community health partners and provides them as a free resource to the research community. he materials on this site are designed primarily for CTSA program staffs. These resources are intended to provide a variety of information that includes best practices and evidence-based recruitment and retention strategies. Full information can be found at https://trialinnovationnetwork.org/recruitment-retention-toolkit/?key-element=1681

UMCCTS INTAKE PORTAL: The UMass Center for Clinical and Translational Science has implemented an intake/service request portal. Currently the portal is being utilized by the Office of Clinical Research for intake of all agreements and amendments. OnCore updates/corrections and Certificates of Confidentiality. The portal can be accessed on their newly updated website at https://www.umassmed.edu/ocr/

Have you had *your research published* that cites the UMass Center for Clinical and Translational Science? Has *your patent been file*d on technology developed using Center funding or resources? Did your pilot project receive external grant funding? Share it with us at ccts@umassmed.edu. Sharing your success demonstrates the importance and effect of the Center for Clinical and Translational Science at UMass!!