



## CRTC News

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### 10th Annual Research Training Symposium and Poster Session



The 10th annual medical center-wide Research Training Symposium and Poster Session took place on October 22nd. The symposium featured a keynote speaker, oral presentations, and poster sessions showcasing research projects performed by junior faculty, fellows, and students in research training programs throughout the School of Medicine.

Over 30 training programs were represented during the symposium, with 129 scholars presenting

posters and five podium presentations. The keynote address was given by Anthony J. Windebank, MD, Professor of Neurology and Director of the Clinical and Translational Science Program at Mayo Clinic. He addressed attendees with his talk "Regenerative Medicine: Accelerating Translation for Neurological Disorders."

Thank you to all of the scholars and faculty members who participated in the symposium and contributed to its growth and success.

### Alumni Spotlight



Cynthia E. Rogers, MD, MTPCI Alumnae, Washington University, Assistant Professor of Psychiatry, was recently highlighted in the Record for her work. Her focus is on premature birth and the increased risk of neurological and psychiatric problems that may be due to weakened connections in brain networks linked to attention, communication and the processing of emotions.

[Read More >](#)

## Clinical Research Training Center

### Upcoming Events

Now through February 14  
Applications currently accepted for ASPIRE Undergraduate Program, TLI Predoctoral Summer and Long-Term Program

Now through April 1  
Applications currently accepted for the new TLI Postdoctoral Fellowship in Accelerated Innovation. June 1 start date

December 8, 2:30-4pm  
Career Develop Seminar-Behind the Scenes: How did I get here?  
Tom DeFer, MD, FACP, Jeff Peipert, MD, PhD, & Susan Mackinnon, MD  
Wohl Auditorium

January 1-March 15  
MSCI & MTPCI applications accepted

January 12, 2:30-4pm  
Career Development Seminar: Translation via Commercialization-Stories from the field  
Emre Toker, Allan Doctor, MD, Greg Lanza, MD, PhD, FACC, & Steve Linderman  
Wohl Auditorium

January 19 - Spring semester begins

January 25-March 7  
Mondays 3:30-5pm  
Evidence-Based Entrepreneurship Workshop Sessions 1-7  
Holden Auditorium, FLTC

March 13-19 - Spring break, No classes

April 5-6  
Patient Centered Outcomes Research Center (PCOR) 6th Annual Symposium  
Abstracts due to [rlamp@dom.wustl.edu](mailto:rlamp@dom.wustl.edu) by December 18. Agenda & registration at <http://pcor.wustl.edu/>, EPNEC

  
Washington  
University in St. Louis  
SCHOOL OF MEDICINE

 Institute of Clinical and  
Translational Sciences

## Patient Centered Outcomes Research Center (PCOR) 6th Annual Symposium

Save the date for the 6th Annual PCOR Symposium April 5-6, 2016. Symposium highlights include:

- Keynote Presentation on the Availability and Transparency of Research Findings to Improve Public Knowledge for Implementation
- Dialogue Panel for Junior Investigators to Receive Advice from Established Investigators
- Working Groups to Discuss Key PCOR questions

Abstracts may be submitted to Rachel Lamp at [rlamp@dom.wustl.edu](mailto:rlamp@dom.wustl.edu) by December 18<sup>th</sup>. The symposium agenda and registration may be found [online](#).

## Scholar Spotlight



Terrance Kummer, MD, PhD, current MSCI scholar and KL2 Career Development alumnae has received a KO8 award titled "Advanced Diffusion Biomarkers of Brain Injury In Subarachnoid Hemorrhage." Dr. Kummer is a basic neuroscientist and neuro-critical care physician who works with Drs. David Brody and Jin-Moo Lee. Recently, Dr. Kummer completed a study of early brain injury mechanisms following subarachnoid hemorrhage (SAH) in animal models and patients.

## Evidence-Based Entrepreneurship Workshop

The Skandalaris Center for Interdisciplinary Innovation and Entrepreneurship in collaboration with the Institute of Clinical and Translational Sciences (ICTS) presented "Evidence-Based Entrepreneurship" in Fall 2015. This new and exciting workshop series consisted of seven sessions building upon each other to provide a hands-on, real life, practical series teaching the skills and tools needed to start a venture into science, medicine, and entrepreneurship. Emre Toker, Managing Director of the Skandalaris Center, taught workshop participants how to identify viable new venture concepts, build plans for a sustainable and scalable enterprise, and get ventures off the ground. The workshop sessions were recorded and are available [online](#).



The Evidence-Based Entrepreneurship workshop will be offered again in Spring 2016. Sessions will be held on Mondays from 3:30-5PM in Holden Auditorium in the Farrell Learning and Teaching Center on the Washington University Medical Campus.

- Jan 25 Reality Check, Let's Get Started
- Feb 1 Ideation, How to Form Your New Venture Idea
- Feb 8 Validation, How to Assess Viability of Your New Venture
- Feb 15 Strategies, How to Sustain and Scale Your New Venture
- Feb 22 Funding, How to Get Your New Venture off the Ground
- Feb 29 Putting It All Together, Financial Projectios
- Mar 7 Putting It All Together, The Narrative

The workshop series will again be free and open to the WU community. Contact Jennifer Masher at [jmosher@dom.wustl.edu](mailto:jmosher@dom.wustl.edu) or 314 454-8960 for more information.

## New Entrepreneurship Course Offered in Fall 2016

Introduction to Evidence Based Entrepreneurship, a one credit course, will be offered for the first time in Fall 2016. In addition to attending the Entrepreneurship Workshop, students will engage in hands on practice applying concepts learned to their own venture capital idea as well as be exposed to venture capital resources available at Washington University and in the local St. Louis area.

There will be three deliverables required which include two reflection papers and a group venture capital project. Emre Toker, Managing Director of the Skandalaris Center, will be the coursemaster for this new course.

Watch for more details and the course syllabus at [MSCI Courses](#) on



## New TLI Postdoctoral Fellowship in Accelerated Innovation

The CRTC is now accepting applications for the new TLI Postdoctoral Fellowship Program. The object of the program is to demystify the processes of commercialization of new technology/translational discoveries by learning how to move projects to the next stage of commercialization and how to establish value-creating milestones, costs, and timelines. The program offers tracks in both Entrepreneurship and Research Innovation and Technology Transfer.

Entrepreneurship track fellows will study the translation of biomedical

research into viable technologies and startups. Primary mentoring within the Skandalaris Center will be under the direction of Mr. Emre Toker and will focus on learning and experiencing new ways to translate scientific discoveries into commercializable products and innovations in order to improve human health.

Research Innovation and Technology track fellows will focus on identifying past and current trends with the goal of identifying novel opportunities for future improvement via entrepreneurial activities. By blending innovation in both the

research and commercial strategies underlying the approval of new biomedical products. Primary mentoring will be under the direction of Dr. Michael Kinch and will identify and analyze the sources of innovation responsible for creation of medical interventions, including pharmaceuticals, vaccines, and medical devices.

Applications are accepted on a rolling basis. April 1st is the deadline for applicants who are interested in a June 1st start date.

[Read More>](#)

### CRTC Highlights of the Past Year



#### CRTC Welcomes New Staff Member

We are excited to introduce to you [Amy Toenjes](#), who joined the CRTC on July 13. Amy is the Program Coordinator for the Clinical Oncology Paul Galabresi K12 & R25 STRENGTH Programs. Amy comes from Washington University's McDonnell Center for System Neuroscience.

Her experience includes Coordinating the Cognitive, Computational and System Neuroscience Pathway along with organizing the Small Grants Program for both the McDonnell Center for Systems Neuroscience and the McDonnell Center for Cellular and Molecular Neurobiology. We are excited to have her on our team!



The Office of Training Grants (OTG) has expanded the [Grants Library](#) moving it to [WUSTL Box](#) to make it more accessible to investigators in multiple departments. Serving as a centralized resource for grant writers and investigators at various career stages, the Grants Library is available to all Washington University faculty, staff, and students with a WUSTL key. Contact [Betsy Abente](#) for more information. [Read More>](#)

The new [Cancer Genomics and Outcomes Research STRENGTH Program](#) completed the first application cycle. 18 applications were received and 10 scholars were selected to begin the program in January 2016. Under program director Dr. Ramaswamy Govindan, this R25 education program applies state-of-the-art techniques to educate postdoctoral researchers in the emerging disciplines of cancer genomics and outcome research for cancer prevention, treatment and control. The next application cycle will be in June 2016. Contact [Amy Toenjes](#) for more information. [Read More>](#)

The Office of Training Grants held its bi-annual [NIH Mock Study Section](#) which simulated an actual NIH study section. NIH clinical and translational F, K, and R series grant applications were reviewed, critiqued, and scored by faculty members. Feedback was shared with the grant applicants ahead of the NIH grant deadline. The next Mock Study Section will be held in Spring 2016. More information and a [clip](#) from the November 2015 NIH Mock Study Section are available [online](#).

The [MTPCI](#) trained 35 junior faculty, postdocs and fellows this year from medicine and allied health professions. Applications are under review for a Spring 2016 start.

Two MTPCI scholars were appointed to the [KL2](#) this year, Daniel Osei, MD, MSc, MSCI and Scott Vouri, PharmD, MSCI. Two more MTPCI scholars will be appointed for the upcoming year, Anne Drewry, MD, MSCI and Jennie Kwon, MD (MSCI expected Spring 2016).

The annual CRTC [Career Development Retreat](#) included a keynote address by Dr. James Pichert (Vanderbilt). His presentation, "Promoting Professionalism in Translational Science and Clinical Training," was followed by a networking reception for over 75 attendees.

The CRTC became a remote site for the NIH online course "[Introduction to the Principles and Practice of Clinical Research \(IPPCR\)](#)." The course started in October 2015 and runs through March 2016. 102 Washington University and affiliate ICTS members signed up to participate. The CRTC will survey participants about their experience upon completion of the course. [Course information>](#)

A [new Responsible Conduct of Research \(RCR\) course](#) was developed in conjunction with the ICTS Center for Clinical Research Ethics (CCRE), Office of the Vice Chancellor for Research (DVCR), and Human Research Protections Office (HRPD). Sessions are offered free of charge each month and cover all topics required by the NIH RCR policy. For more information, see [RCR Course](#) on the ICTS website.

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#### Did You Know?

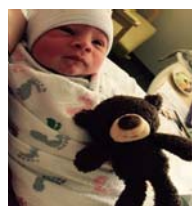
The ICTS website has a convenient window for accessing resources for academic researchers, trainees, scholars, research coordinators, community research partners, and administrative staff.

Find [ICTS Tools & Resources](#)

#### Baby Announcements



**Shreya Kulkarni**  
Born 7/24/2015  
Proud Dad:  
Hrish Kulkarni  
MTPCI Scholar



**William Christopher Schuelke**  
Born 8/21/2015  
Proud Mom:  
Alison Antes Schuelke  
Coursemaster



**Hussein Amer Al-Bader**  
Born 8/28/2015  
Proud Mom:  
Maha Gilani  
MSCI Alum



**Preston David Vouri**  
Born 10/29/2015  
Proud Dad:  
Scott Vouri  
KL2 Scholar

#### We love to hear what CRTC alumni are doing!

If you have a success or accomplishment to share or know another alumni who has... let us know! E-mail awards, manuscripts, grants, CVs, or other shout outs and thank yous to [crtc@dom.wustl.edu](mailto:crtc@dom.wustl.edu) so they can be included in future newsletters.

