



CRTC News

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Graduation 2016



MSCI Degree Recipients with Directors David Warren & Jane Garbutt

The CRTC is excited to have hosted its 10th annual Joint Recognition Ceremony. On May 19, 2016 scholars were recognized for their completion of the TLI Predoctoral Program, Master of Science in Clinical Investigation (MSCI), Master of Population Health Sciences (MPHS), or Master of Science in Applied Health Behavior Research

(AHBR). The joint recognition ceremony was officiated by Dean David Perlmutter, Dr. Victoria Fraser, Dr. Graham Colditz, Dr. Brad Evanoff, Dr. David Warren, Dr. Jay Piccirillo, and Dr. Anjali Deshpande. We extend our congratulations to these graduates for their amazing accomplishments! [Read More»](#)



Bradley Evanoff, Dean David Perlmutter, & Victoria Fraser officiate the 2016 Joint Recognition Ceremony

Alumni Spotlight



Yanina Pepino, PhD
KL2 Alumna

Dr. Yanina Pepino's research on sugar substitutes was recently cited in the Time article "[You Asked: Do Sugar Substitutes Cause Type 2 Diabetes?](#)" She along with other researchers studied how Sucralose Affects Glycemic and Hormonal Responses to an Oral Glucose Load. Dr. Pepino is a KL2 alumna and Assistant Professor in the Department of Food Science and Human Nutrition at the University of Illinois at Urbana-Champaign.

Clinical Research Training Center

Upcoming Events

September 19

Evidence-Based Entrepreneurship Workshop Series "Entrepreneurship Reality Check—Let's Get Started" 12:00-1:30 PM, CRTC Classroom

September 26

Evidence-Based Entrepreneurship Workshop Series "Ideation—How to Form your New Venture Idea" 12:00-1:30 PM, CRTC Classroom

September 27

Reference Letter Workshop, Office of Training Grants 11:45 AM-1:00 PM, Wahl Auditorium

October 3

Evidence-Based Entrepreneurship Workshop Series "Validation—How to Assess Viability" 12:00-1:30 PM, CRTC Classroom

October 10

Evidence-Based Entrepreneurship Workshop Series "Strategies—How to Sustain and Scale" 12:00-1:30 PM, CRTC Classroom

October 17

Evidence-Based Entrepreneurship Workshop Series "Funding—How to Get off the Ground" 12:00-1:30 PM, CRTC Classroom

October 20

Research Training Symposium & Poster Session
Keynote: Louise Davies, MD, MS, Dartmouth Institute
Oral Presentations 12:30-3:00 PM, Connor Audit. FLC
Poster Sessions 3:00-5:00 PM, FLC Atrium & Health

October 24

Evidence-Based Entrepreneurship Workshop Series "Putting It All Together—Financial Projections" 12:00-1:30 PM, CRTC Classroom

October 31

Evidence-Based Entrepreneurship Workshop Series "Putting It All Together—The Narrative" 12:00-1:30 PM, CRTC Classroom

November 8

Career Development Seminar, Dr. Tim Bono "How Not to Fear Failure" 3:30-5:00 PM, Wahl Auditorium

November 10

Spring 2017 course registration begins

November 15

Mock Study Section, Office of Training Grants 12:00 PM, Location TBD [Read More»](#)

December 6

Career Development Seminar, Dr. Alison Antes "Research: What's Leadership Got to Do with It?" 3:30-5:00 PM, Wahl Auditorium

April 26, 2017

Patient Centered Outcomes Research Center (PCOR) 7th Annual Symposium "Ethical Issues in PCOR Implementation" 8:00 AM-4:30 PM [Read More»](#)

Program Applications

KL2 & K12	Now through September 15
R25 STRENGTH	Now through October 1
Doris Duke (DDFRC)	Now through October 1
MSCI & MTPCI	September 15 to November 1
TLI Pre & Postdoc	November 1 to February 15

[Apply Online](#)



CRTC Announces New 2016 Scholars

The CRTC is pleased to announce that 86 new scholars joined programs in 2016. This includes 8 KL2 Career Development Scholars, 3 Clinical Oncology KL2 Scholars, 18 R2S STRENGTH scholars, 7 scholars in the Postdoctoral Mentored Training Program in Clinical Investigation (MTPCI), 5 scholars admitted directly to the Master of Science in Clinical Investigation (MSCI), 8 Applied Health Behavior Research (AHBR) scholars, 2 TLI postdoctoral trainees, and 9 TLI predoctoral trainees. In addition, 26 predoctoral scholars participated in the TLI Summer and ASPIRE programs.

We want to extend a special thank you to the mentors who provide invaluable learning experiences for all of our scholars. The complete list of scholars and mentors is available on the CRTC website. [Read more»](#)

Scholar Spotlight



Ravi Chacko, TLI Trainee
MD/PhD Candidate

After learning that local veterans were facing long waits for mental health services, TLI trainee, Ravi Chacko, and a team of other medical and engineering students at Washington University in St. Louis created the Mindset app. The app is an aid to veterans and others experiencing stress that will measure the user's stress and suggest steps to take to alleviate it. [Read More»](#)

New Program: Doris Duke Fund to Retain Clinical Scientists

The Doris Duke Fund to Retain Clinical Scientists Program (DDFRCS) has been developed to provide innovative institutional solutions to reduce faculty attrition by assisting junior faculty facing extraprofessional demands.

The DDFRCS provides broad-based education to raise awareness and implement new interventions, as well as resources and mentoring to support junior faculty facing extraprofessional challenges.

Program benefits include one-year grants of \$30,000-\$50,000 to fund a wide variety of assistance, including salary for technical or administrative support and up to 25% salary support to be used to reduce clinical obligations. The program also includes mentors, networking opportunities, and bi-annual programs focused on career development training.

To be eligible, DDFRCS applicants must be Washington University physician scientists (MD, DO, or MD/PhD degree) at the instructor or assistant professor level, and be no more than 10 years beyond an assistant professor appointment. Applicants must also be a PI on a NIH, other federal agency or foundation-sponsored grant for research project support or career development and be able to provide a compelling rationale for why funds are needed to maintain scientific productivity in the face of extraprofessional demands.

Letters of Intent are accepted on a rolling basis. Application deadlines are scheduled for April 1 and October 1. [Read More»](#)



KL2 Program collaborates with the University of Missouri

This year the KL2 Program expanded its reach through our collaborative relationship with the University of Missouri (MU). Together with the MU Institute for Clinical and Translational Science (ICATS), our Washington University (WU) KL2 leadership selected four scholars to serve as the inaugural cohort for a joint MU-WU KL2 track:

- David Brogan, MD
Asst. Professor, Orthopedic Surgery
- Urmeka Jefferson, PhD
Asst. Professor, Sinclair Sch of Nursing
- Jonathan Mitchem, MD
Asst. Professor, Surgical Oncology
- Rachel Proffitt, QTD
Asst. Professor, Occupational Therapy

MU KL2 scholars began their appointments in July, 2016, and will make frequent visits to WU throughout the year to participate in coursework and seminars. The MU KL2 scholars also work with mentors at both institutions in order to further the collaborative nature of their research. This partnership will allow us to foster greater translational research and training opportunities for investigators at both MU and WU.

Welcome New Program Leaders

The CRTC extends a warm welcome to our new program leaders.

Amy McQueen, PhD, takes over as the new Director of the graduate programs in Applied Health Behavior Research (AHBR).



Dr. McQueen is an Assistant Professor in the Department of Internal Medicine. In addition to her new role as director, she will continue to serve as AHBR coursemaster for both the Applied Structural Equation Modeling and Survey Methods: Design and Evaluation courses. Many thanks to Dr. Anjali Deshpande who led the AHBR Program for the past three years. We wish her well in her new role as Director of the Master of Public Health (MPH) Program and

Associate Professor of Epidemiology at the University of Iowa College of Public Health.

Daniel C. Brennan, MD, FACP, joins the Postdoctoral Mentored Training Program in Clinical Investigation (MTPCI) as Associate Director. Dr. Brennan is the Alan A. and Edith L. Wolff Professor of Renal Diseases in the Department of Internal Medicine.



Roger Yusen, MD, MPH, also joins the MTPCI as an Associate Director. Dr. Yusen is an Associate Professor of Medicine in Pulmonary and Critical Care.



Drs. Brennan and Yusen join Dr. Jane Garbutt and Dr. David Warren as program mentors and facilitators of the MTPCI Seminar.

Ana Maria Arbelaez, MD, MSCI, is the new Co-Director of the TLI Program. Dr. Arbelaez is an Associate Professor of Pediatrics in the Division of Endocrinology & Diabetes. She is an alumna of both the MTPCI and KL2 Programs. She joins TLI Program Director Dr. Jay Piccirillo and Co-Director Dr. Susan Stark. Many thanks to Dr. Jeffrey Peipert for his years of leadership. We wish him much success in his new position as Chair of Obstetrics and Gynecology at Indiana University School of Medicine.



CRTC Highlights of the Past Year



The **Evidence-Based Entrepreneurship Workshop Series** will be offered again in Fall 2016. "Learn the ART and SCIENCE behind Entrepreneurship" will be held on Mondays from 12:00 to 1:30 PM in the CRTC Classroom from September 19 to October 31. The workshop series will consist 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 for Interdisciplinary Innovation and Entrepreneurship, will teach 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 will be recorded and available [online](#). To attend, RSVP to crtc@dom.wustl.edu.

Twelve **TLI Predoctoral trainees** and seven **KL2 scholars** attended the 2016 National Translational Science Conference in Washington, DC in April hosted by the Association for Clinical and Translational Science and the American Federation for Medical Research. TLI Predoctoral trainees gave oral or poster presentation or both. KL2 scholars submitted abstracts for review, and gave poster presentations. Conference events also included networking events and visits to Capitol Hill. [Read More»](#)

The **Bench Fundamentals of Translational Research** course was offered in a blended online and in-person format for the first time this summer. The first week of this intense two week course offered online recorded lectures covering theoretical knowledge. This was followed by a week of hands-on laboratory experiences. One scholar is quoted as saying, "I really liked the online format. It allowed for a lot of flexibility with my schedule." This blended class is one step towards the implementation of online learning for busy investigators and clinician-scientists. [Read More»](#)

The **CRTC classroom** was recently updated with new teleconferencing and recording capabilities. This new technology will enhance the CRTC's online learning initiatives, including the [R25 STRENGTH Program's](#) online coursework webinar series focused on cancer genomics and outcomes research. This update will also allow our investigators and programs to better collaborate with other research sites and institutions and further progress the KL2 Program's collaborative relationship with the University of Missouri (MU).

The **Master of Science in Applied Health Behavior Research (AHBR)** now offers a full time [one year masters degree option](#) (3 semesters). This option provides hands-on training for pre-health students interested in pursuing careers in a variety of medical and health-related fields. Through the practical experience provided, students planning a gap year prior to applying to medical school have opportunities to fulfill specific medical school core competencies as well as enhance their applications.

The **TLI Postdoctoral Training Program in Accelerated Innovation** accepted its first two trainees, Shaw-Wei David Tsen, MD, PhD, and Dana Watt, PhD. The objective 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. Applicants interested in starting the [TLI Postdoc](#) in the summer of 2017 should contact the program at crtcpostdoc@dom.wustl.edu.

2016 CRTC Award Winners



Dean David Perlmutter & Dr. Kamlesh Patel

We gratefully acknowledge this year's award winners. Congratulations and thank you for your dedication to always strive for excellence in clinical and translational research training and education.

Karen Dodson, MBA

MSCI Coursemaster of the Year

Maria Pérez, MA

AHBR Coursemaster of the Year

Michael Avidan, MBBSCh

Mentor of the Year

Vanessa Kronzer

Outstanding Citizenship Award, TLI

Kamlesh Patel, MD

Outstanding Citizenship Award, MTPCI

Zachary Vesoulis, MD

Outstanding Citizenship Award, KL2

Tobias Palmer

Outstanding Citizenship Award, AHBR

Clinical Research Training Center

Director Clinical Research Training Center,
Victoria J. Fraser, MD

Director Institute of Clinical and Translational Science,
Bradley A. Evanoff, MD, MPH

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Support Research

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Baby Announcements



Elias Burnham

Proud Dad:
Jason Burnham
MTPCI Scholar



Jacob Kardjaja
Born 5/6/2016

Proud Mom:
Suzanne Schindler
KL2 Scholar



Theodore Helgren
Born 12/24/2015

Proud Dad:
Sam Nemanich
TLI Alum



James Wall Stivers
Born 2/10/2016

Proud Mom:
Lindley Wall
MTPCI 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!



Email awards, manuscripts, grants, CVs, or other shout outs and thank you's to crtc@dom.wustl.edu so they can be included in future newsletters.