

## ***Clinical Trial Networks and Team Science: Moving Discoveries to Interventions***

Held in conjunction with:

- College of Dentistry Research Day
- College of Engineering Biomedical Research Day
- College of Health Sciences Research Day
- College of Nursing Scholarship Showcase
- College of Public Health Research Day
- University of Kentucky MD/PhD Program Research Day

**Conference Chair: Philip A. Kern, MD**  
Professor of Medicine, Division of Endocrinology  
Director, Center for Clinical and Translational Science  
University of Kentucky

**8:00-8:30 am Registration and Continental Breakfast** (BLUEGRASS BALLROOM)

**8:20 am Welcome: Philip A. Kern, MD, Conference Chair** (BLUEGRASS BALLROOM)

**8:30-9:45 am Plenary Session** (BLUEGRASS BALLROOM)

***“Implementation Science: Current State and Future Directions”***

**Anne Sales, PhD, RN**

Professor, Department of Learning Health Sciences, University of Michigan Medical School  
Research Scientist, Center for Clinical Management Research, VA Ann Arbor Healthcare System

**9:45-10:00 am Break**

**10:00-11:45 am Breakout Sessions**

- ***Addressing Health Disparities in Clinical Trials*** (THOROUGHBRED 2)

**Jenna Hatcher, RN, PhD, MPH, Session Chair**

Associate Professor

Director of Diversity and Inclusivity

College of Nursing

University of Kentucky

***“Reducing Health Disparities among Latinos/Hispanics through Community-based Participatory Research”***

**Gia Mudd-Martin, PhD, MPH, RN**

Associate Professor, College of Nursing

Director of Community Engagement/ATRN, Center for Clinical and Translational Science

University of Kentucky

***“Recruiting the LGBTQ\* Population: Challenges and Best Practices”***

**Amanda Fallin-Bennett, PhD, RN**

Assistant Professor  
College of Nursing  
University of Kentucky

***“Drug Use and Health among Appalachian Women: Lessons Learned from Jail”***

**Michele Staton, PhD, MSW**

Associate Professor, Department of Behavioral Science  
College of Medicine  
Center on Drug & Alcohol Research  
University of Kentucky

***“Using the Emergency Department to Recruit Vulnerable Populations into Clinical Trials: A Decade of Lessons Learned”***

**Jenna Hatcher, RN, PhD, MPH, Session Chair**

Associate Professor  
Director of Diversity and Inclusivity  
College of Nursing  
University of Kentucky

- ***Building Teams for Clinical Research: The Multi-Disciplinary Value Program (MVP)***  
(THOROUGHbred 1)

**Philip A. Kern, MD, Session Chair**

Professor of Medicine, Division of Endocrinology  
Director, Center for Clinical and Translational Science  
University of Kentucky

***“Assessing Effects of Electronic Cigarettes on Airway Function in Asthma”***

**Medhi Khosravi, MD**

Associate Professor, Department of Internal Medicine - Pulmonary  
College of Medicine  
University of Kentucky

**Lu Yuan Lee, PhD**

Professor, Department of Physiology  
College of Medicine  
University of Kentucky

***“The CATS-CARE Clinical Trial: Combining Opioid Addiction Treatment Services with CARE for Infectious Endocarditis”***

**Laura Fanucchi, MD, MPH**

Assistant Professor, Department of Internal Medicine  
College of Medicine  
University of Kentucky

**Sharon Walsh, PhD**

Professor, Department of Behavioral Science, Psychiatry,  
Pharmacology, and Pharmaceutical Sciences  
Director, Center on Drug and Alcohol Research  
College of Medicine  
University of Kentucky

**Michelle Lofwall, MD, DFASAM**

Associate Professor, Behavioral Science and Psychiatry  
Faculty, Center on Drug and Alcohol Research  
University of Kentucky

- **Implementation Science Research Roundtable with Anne Sales** (THOROUGHBRED 6-7)

**Jing Li, MD, MS, Session Chair**

Assistant Professor, Department of Internal Medicine  
Administrative Director, Center for Health Services Research  
University of Kentucky

**Christina Studts, PhD, LCSW**

Department of Health, Behavior & Society, College of Public Health  
University of Kentucky

**Roberto Cardarelli, DO, MHA, MPH**

Professor and Chief of Community Medicine  
Director, Kentucky Ambulatory Network  
Department of Family & Community Medicine, College of Medicine  
University of Kentucky

**Jill M. Kolesar, PharmD, FCCP, BCPS**

Professor, Department of Pharmacy  
Director, Early Phase Clinical Trials Center  
Co-Chair of the Molecular Tumor Board, Markey Cancer Center  
University of Kentucky

**Anne Sales, PhD, RN**

Professor, Department of Learning Health Sciences  
Associate Chair for Educational Programs and Health System Innovations  
University of Michigan Medical School  
Research Scientist, Center for Clinical Management Research  
VA Ann Arbor Healthcare System

- **Research Registries: Are They Right for You?** (THOROUGHBRED 3)

**Heather Bush, PhD, Session Chair**

Associate Professor, Department of Biostatistics, College of Public Health  
Co-Director, Biostatistics, Epidemiology and Research Design (BERD), CCTS  
University of Kentucky

**Richard Chapman, JD, CIPP/G**

Chief Privacy Officer  
University of Kentucky HealthCare

**Ann Coker, PhD, MPH**

Professor, and Verizon Wireless Endowed Chair in the Center for Research on Violence  
against Women  
Department of Obstetrics and Gynecology, College of Medicine  
University of Kentucky

**Eric B. Durbin, DrPH, MS**

Assistant Professor, Division of Biomedical Informatics, College of Medicine  
Director, Cancer Research Informatics Shared Resource Facility, Markey Cancer Center  
Director of Cancer Informatics, Kentucky Cancer Registry  
University of Kentucky

**Tammy Harper, MHA, PMP**

Operations Director, Institute for Pharmaceutical Outcomes and Policy  
Project Director, CCTS Biomedical Informatics Core  
University of Kentucky

**Helene Lake-Bullock, PhD, JD**

Director, Office of Research Integrity  
University of Kentucky

# 12<sup>th</sup> Annual CCTS Spring Conference

Thursday, March 30, 2017

Lexington Convention Center

- **Technology Commercialization and Entrepreneurship at UK...A Game Changer**  
(THOROUGHbred 4)

10:00 – 10:40

**Ian J. McClure, JD, LLM, Session Chair**

Director, Office of Technology Commercialization  
University of Kentucky

10:40 – 11:20

**Warren O. Nash III, JD**

Executive Director, Von Allmen Center for Entrepreneurship  
University of Kentucky

11:20 – 11:45

**Open Consultation Time with both Speakers**

12:00 – 1:30 pm **Lunch and Keynote** (Bluegrass Ballroom)

12:15 pm **Presentation of Certificate and Degree Recipients  
Mentor Recognition Awards**

**Philip A. Kern, MD**

Professor of Internal Medicine, Division of Endocrinology  
Director, Center for Clinical and Translational Science  
University of Kentucky

12:30 pm **Keynote Address**

***“Discovery and Development of SJ733, a Novel Antimalarial Drug”***

**R. Kip Guy, PhD**

Dean, College of Pharmacy  
University of Kentucky

1:45 – 3:15 pm **College- and Center-specific Research Days**

1:45 – 3:15 pm **CCTS Scholar Presentations Session A** (THOROUGHbred 2)

**Victoria King, PhD, Chair**

Career Development Director  
Center for Clinical and Translational Science  
Associate Professor, Division of Cardiovascular Medicine, Department of Internal Medicine  
University of Kentucky

**Julie Pendergast, PhD, Co-Chair Session A**

Assistant Professor, Department of Biology  
College of Arts & Sciences  
University of Kentucky

1:45 ***“Azithromycin Attenuates the Inflammatory Response after Myocardial Infarction”***

**Ahmed Al-Darraj**, Graduate Student, UK College of Medicine, Department of  
Pharmacology and Nutritional Sciences

2:00 ***“Novel Applications of MRI Techniques in the Detection of Neuronal Dysfunction  
before Tangle Pathology in Tau Transgenic Mice”***

**Ryan Cloyd**, MD/PhD Student, UK College of Medicine, Department of Physiology,  
Professional Student Mentored Research Fellowship

2:15 ***“Neuroprotective effects of inhibition of  $\alpha 5\beta 1$  integrin following experimental  
stroke: A dual center pre-clinical study”***

**Danielle Edwards**, Graduate Student, UK College of Medicine, Department of  
Neuroscience – TL1 Pre-doctoral Trainee

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**2:30** *“Steroid Therapy Limits Stem Cell Activation Required to Enact Mucosal Healing in Inflammatory Bowel Disease”*

**Evan B. Lynch**, MS, MD/PhD Student, UK College of Medicine, Departments of Microbiology, Immunology and Molecular Genetics, and Internal Medicine, TL1 Pre-doctoral Trainee, Professional Student Mentored Research Fellowship

**2:45** *“Early Clinical Signatures of Bleeding and Stroke in Patients on Left Ventricular Assist Device Support”*

**Tara A. Shrout**, Medical Student, UK College of Medicine, Department of Internal Medicine, Division of Cardiovascular Medicine, TL1 Pre-doctoral Trainee, Professional Student Mentored Research Fellowship

**3:00** *“The Significance of Na/K-ATPase Signaling in Obesity-induced Hypertension”*

**Yanling Yan**, PhD, Assistant Professor, Department of Clinical & Translational Science, Department of Biomedical Sciences, Joan C. Edwards School of Medicine, Marshall University

**1:45 – 3:15 pm** **CCTS Scholar Presentations Session B** (THOROUGHbred 3)

**William W. Stoops, PhD, Chair Session B**

Associate Professor, Departments of Behavioral Science, Psychiatry and Psychology  
Director, CCTS Regulatory Knowledge and Support Core  
University of Kentucky

**Danelle Stevens-Watkins, PhD, Co-Chair Session B**

Associate Professor, Department of Counseling Psychology  
College of Education  
Center on Drug and Alcohol Research  
University of Kentucky

**1:45** *“Cannabinoid Modulation of the Analgesic Effects of Opioids in Humans”*

**Shanna Babalonis**, PhD, Assistant Professor, UK College of Medicine, Department of Behavioral Sciences, KL2 Scholar

**2:00** *“Coronary Artery Calcification on Non-gated CT Scan Predicts Mortality and Acute Myocardial Infarction After Sepsis”*

**Matthew Sousa**, MD, Resident, UK College of Medicine, Department of Internal Medicine

**2:15** *“Patient Outcomes and Treatment Efficacy for Outpatient Parenteral Antimicrobial Therapy (OPAT) at UK HealthCare”*

**Krutika Mediwala**, PharmD, BCPS, PGY2 Infectious Disease Resident, UK College of Pharmacy

**2:30** *“The Impact of Prescription Drug Monitoring Program Characteristics on Rates of Opioid-Related Poisonings”*

**Nathan J. Pauly**, Graduate Student, UK College of Pharmacy, Institute for Pharmaceutical Outcomes and Policy

**2:45** *“Positive associations between serum levels of dioxin-like pollutants and the circulating cardiometabolic disease risk biomarker Trimethylamine-N-oxide”*

**Michael C. Petriello**, PhD, Postdoctoral Fellow, Gill Heart and Vascular Institute and UK Superfund Research Center

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**3:00** ***“Infective Endocarditis as a Complication of Injection Drug Use in a Rural Population”***

**Mark Rudy**, Medical Student, UK College of Medicine, Professional Student Mentored Research Fellowship

**3:30 – 5:30 pm** **Poster Session and Afternoon Tea**

**Thomas Kelly, PhD, Session Chair**

Robert Straus Professor of Behavioral Science, College of Medicine  
Associate Dean for Research, College of Nursing  
Director, Training Education and Mentoring (TEAM) Core  
Center for Clinical and Translational Science  
University of Kentucky

**3:30 – 5:00 pm** **Von Allmen Center for Entrepreneurship “2-Minute Pitch Your Poster” Competition**

*Winners will be announced at 5:15 p.m. See map for announcement location.*

**Warren O. Nash III, JD**

Executive Director, Von Allmen Center for Entrepreneurship

**Mariam Gorjian**

Commercialization Specialist, Venture Studio Director and Program Manager

**Eric Hartman**

Director, Lexington Office of the Kentucky Innovation Network