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
12th 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-Darraji, 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 α5β1 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
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)

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  “Detecting Novel Micro RNAs in Rheumatoid Arthritis with Gene-based Association Testing”
Aleksander Lenert, MD, Assistant Professor, UK of College of Medicine, Department of Internal Medicine, Division of Rheumatology

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