

Opioids: Addressing the Public Health Crisis through Translational Science

Held in conjunction with:

- **34th Annual BGSFN Spring Neuroscience Day**
- **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: **Sharon Walsh, PhD**
Professor, Department of Behavioral Science, College of Medicine
Director, Center on Drug and Alcohol Research
University of Kentucky

8:00-8:30 am **Registration and Continental Breakfast** (BLUEGRASS BALLROOM)
Also, **Von Allmen Center for Entrepreneurship “1-Minute Pitch Your Poster”
Competition occurring in Rotunda**

8:30-8:45 am **Welcome: Philip A. Kern, MD, CCTS Director** (BLUEGRASS BALLROOM)

8:45-9:45 am **Plenary Session** (BLUEGRASS BALLROOM)
“Tackling the Escalating Opioid Crisis with Science”
Sharon Walsh, PhD
Professor, Department of Behavioral Science, College of Medicine
Director, Center on Drug and Alcohol Research
University of Kentucky

9:45-10:00 am **Break and Von Allmen Center for Entrepreneurship “1-Minute Pitch Your Poster”
Competition occurring in Rotunda**

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

- ***Vulnerable Populations and Opioid Abuse*** (Thoroughbred 1)

Carrie Oser, PhD, Session Chair
Professor and Associate Chair, Department of Sociology
College of Arts & Sciences
University of Kentucky

***“Strategies for recruitment, data collection, and HIV testing in rural opioid research:
Opportunities and challenges”***

April Young, PhD
Assistant Professor, Department of Epidemiology
College of Public Health
University of Kentucky

13th Annual CCTS Spring Conference

Friday, April 13, 2018

Lexington Convention Center

“The emergence of Hepatitis C as a public health issue among rural Appalachian drug users”

Jennifer Havens, PhD

Professor, Department of Behavioral Science
College of Medicine
University of Kentucky

“Opioid abuse among rural Appalachian women recruited from jails”

Michele Staton, PhD, MSW

Associate Professor, Department of Behavioral Science
College of Medicine
University of Kentucky

“Mask off”: Examining opioid use among criminal justice involved African American men”

Carlos Mahaffey, PharmD, MPH

Post-Doctoral Research Fellow, Department of Educational, School, and Counseling
Psychology
College of Education
University of Kentucky

- ***Do the Next Right Thing: A Family-Centered & Multidisciplinary Approach to the Treatment of Substance Use Disorders among Perinatal Women*** (Thoroughbred 4)

Kristin Ashford, PhD, WHNP-BC, FAAN, Session Co-Chair

Assistant Dean of Undergraduate Faculty and Interprofessional Education Affairs
Director, Perinatal Research and Wellness
College of Nursing
University of Kentucky

Agatha Critchfield, MD, Session Co-Chair

Assistant Professor, Department of Obstetrics and Gynecology
Medical Director, PATHways Program
College of Medicine
University of Kentucky

“Background and Introduction to PATHways”

Kristin Ashford, PhD, WHNP-BC, FAAN

“PATHways: Prenatal Program”

Agatha Critchfield, MD

Jason Joy, MS, LMFT

Alcohol Counselor/Prevention Coordinator, Department of Maternal-Fetal Medicine
College of Medicine
University of Kentucky

“PATHways: Inpatient Support, Neonatal Abstinence Syndrome and the NACU”

Lori Shook, MD

Clinical Faculty, Department of Pediatrics
College of Medicine
University of Kentucky

13th Annual CCTS Spring Conference

Friday, April 13, 2018

Lexington Convention Center

“PATHways: Beyond Birth”

Nancy Jennings, RN, BSN
Instructor, College of Nursing
University of Kentucky

Jason Joy, MS, LMFT

“Closing”

Kristen Ashford, PhD, WHNP-BC, FAAN

Agatha Critchfield, MD

- ***CLIK - Community Leadership Institute of Kentucky Scholar Presentations*** (Thoroughbred 6-7)

Nancy Schoenberg, PhD, Session Chair

Marion Pearsall Professor of Behavioral Science, College of Medicine
Associate Dean for Research, College of Public Health
University of Kentucky

“Hitting the Goal on Healthy Habits”

Jimmy Cantrell, President
Appalachian Outdoorsman Association

“Extending the Walking Path of the River Arts Greenway”

Betsy Clemons, Executive Director
Hazard-Perry County Chamber of Commerce

“Wellness Works”

Elisha Fisher, Health Educator
Barren River District Health Department

“Medication Safety (a focus on proper handling and disposing of prescription drugs)”

Morgan Fowler, Director of Operations
Marcum and Wallace Memorial Hospital

“A School-based Tobacco Cessation Program: An Alternative Approach to Disciplinary Action”

Ashley Nicole Gibson, Research Coordinator
St. Claire HealthCare

“Fit For Life”

Mary Alice Prater, Faculty and Success Coach
Maysville Community and Technical College Montgomery Campus

“100% Tobacco-Free Schools”

Sherrie Stidham, Health Educator
Kentucky River District Health Department

11:45-12:00 pm

**Break and Von Allmen Center for Entrepreneurship “1-Minute Pitch Your Poster”
Competition occurring in Rotunda**

13th Annual CCTS Spring Conference

Friday, April 13, 2018

Lexington Convention Center

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

12:15 pm Presentation of Certificate & Degree Recipients and CLIK Graduates
Announcement of Von Allmen Poster Pitch Winners
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
"Should We Use NIH Science and Implementation Science to Address the Opioid Crisis?"

David A. Fiellin, MD

Professor of Medicine
Director, Yale Program in Addiction Medicine
Yale School of Medicine

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

- 34th Annual BGSFN Spring Neuroscience Day (THOROUGHbred 1)
- College of Dentistry Research Day (THOROUGHbred 6-7)
- College of Engineering Biomedical Research Day (HYATT SUITES 2)
- College of Health Sciences Research Day (HYATT SUITES 1)
- College of Nursing Scholarship Showcase (THOROUGHbred 4)
- College of Public Health Research Day (THOROUGHbred 5)

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

Victoria King, PhD, Session Chair

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

Romulo Albuquerque, MD, PhD, Session Co-Chair

CCTS KL2 Scholar
Assistant Professor, Department of Ophthalmology and Visual Sciences
College of Medicine
University of Kentucky

1:45 *"Sexual Dimorphism in a Marfan Syndrome Mouse Model"*

Jeff Chen, PhD Candidate, MD/PhD Program, Department of Physiology, College of Medicine,
CCTS TL1 Pre-Doctoral Trainee, University of Kentucky

2:00 *"Diet High in Fat and Salt Recapitulates the Type 2 Diabetes-Predictive Human Th17 Cytokine Profile in Mice"*

Madhur Agrawal, PhD, Post-Doctoral Scholar, Department of Pharmacology and Nutritional Science, College of Medicine, University of Kentucky

2:15 *"Neuroprotective strategies following severe controlled cortical impact traumatic brain injury: lipid peroxidation-derived neurotoxic aldehyde scavenging and inhibition of mitochondrial permeability transition"*

Jacqueline R. Kulbe, PhD Candidate, MD/PhD Program, Department of Neuroscience, College of Medicine, Spinal Cord & Brain Injury Research Center, University of Kentucky

13th Annual CCTS Spring Conference

Friday, April 13, 2018

Lexington Convention Center

- 2:30** ***“Remember Alzheimer’s Disease When Evaluating White Matter Hyperintensities as a Marker for Cerebral Small Vessels Disease”***
Omar M. Al-Janabi, MBChB, MS, Graduate Research Assistant, Department of Behavioral Science, College of Medicine, Sanders-Brown Center on Aging, University of Kentucky
- 2:45** ***“Blood-Brain Partition Coefficient Correction Improves Gray-White Matter Contrast in Blood Flow Measurement in Mice”***
Scott W. Thalman, PhD Candidate, MD/PhD Program, College of Medicine, F. Joseph Halcomb III, MD Department of Biomedical Engineering, College of Engineering, University of Kentucky
- 3:00** ***“Non-Contrast Retinal Video Processing for Visualization of Blood Flow”***
Paras Vora, Medical Student, College of Medicine, CCS TL1 Pre-Doctoral Trainee, University of Kentucky

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

Shanna Babalonis, PhD, Session Chair

CCTS KL2 Scholar
Assistant Professor, Department of Behavioral Science
College of Medicine
University of Kentucky

Brittany L. Smalls, PhD, MHSA, Session Co-Chair

Assistant Professor, Center for Health Services Research and Department of Internal Medicine
College of Medicine
University of Kentucky

- 1:45** ***“Impact of Posttraumatic Stress Symptoms on Physical Health Complaints among College Women: Indirect Effect of Sleep Quality”***
Miriam F. Hazlett, Undergraduate Student, Department of Psychology, College of Arts & Sciences, University of Kentucky
- 2:00** ***“Contextualizing the Stress Experience of Custodial Grandparents in Central Appalachia”***
Anna Hansen, Medical Student, MD/PhD Program, College of Medicine, CCTS Professional Student Mentored Research Fellowship Program, University of Kentucky
- 2:15** ***“Greater Changes in Acute Renal Function for African American Total Knee Arthroplasty Patients”***
Tanner M. Womble, Medical Student, College of Medicine, CCTS Professional Student Mentored Research Fellowship Program, University of Kentucky
- 2:30** ***“Evaluation of Postnatal Growth and Caloric Intake in Relation to Intermittent Hypoxemia”***
Friederike Strelow, MD, Chief Resident, Department of Pediatrics, Division of Neonatology, UK HealthCare
- 2:45** ***“Regional Telehealth Network for the Management of Neonatal Abstinence Syndrome in Infants from Rural Areas of Kentucky”***
Susana A. Arriagada-Alvarado, MD, Director of Neonatal Outreach Program, Assistant Professor of Pediatrics, Division of Neonatology, UK HealthCare
- 3:00** ***“Voices of Hope: A Feasibility Study of Telephone Recovery Support”***
Alex Elswick, MS, PhD Candidate, Department of Family Science, College of Agriculture, Food and Environment, University of Kentucky

13th Annual CCTS Spring Conference

Friday, April 13, 2018

Lexington Convention Center

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

Throughout Day **Von Allmen Center for Entrepreneurship “1-Minute Pitch Your Poster” Competition**

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