

Personalized Health

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
- 32nd Annual BGSFN Spring Neuroscience Day
- 35th Annual Symposium in Reproductive Science and Women's Health

Conference Chair:

GQ Zhang, PhD

Professor and Chief, Division of Biomedical Informatics, College of Medicine
Director, Institute for Biomedical Informatics
Director, CCTS Biomedical Informatics Core
University of Kentucky

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

8:15 am **Welcome** (BLUEGRASS BALLROOM)

8:30-10:15 am **Plenary Session** (BLUEGRASS BALLROOM)

GQ Zhang, PhD, Session Chair

“Personalizing Big Data – Brain Research in the 21st Century”

Samden Lhatoo, MD, FRCP

Professor, Department of Neurology
Director, Epilepsy Center
Case Western Reserve Medical Center

“Precision Experimental Therapeutics”

Robert S. DiPaola, MD

Dean, College of Medicine
University of Kentucky

10:15 am **Break**

10:30 – 11:45 am **Breakout Sessions**

Patient Empowerment: Treatment and Prevention (THOROUGHBRED 6-7)

Rebecca Dekker, PhD, RN, APRN, Session Chair

Assistant Professor
College of Nursing
University of Kentucky

“EMPOWR: Efforts to Maximize Perinatal Outcomes in Women at Risk”

Kristin Ashford, PhD, WHNP-BC, FAAN

Associate Professor, Assistant Dean for Research
College of Nursing
University of Kentucky



11th Annual CCTS Spring Conference

Thursday, April 21, 2016

Lexington Convention Center

“Empowering Communities to Reduce Lung Cancer Risk”

Ellen J. Hahn, PhD, RN, FAAN

Marcia A. Drake Professorship
Professor and Director, BREATHE
Kentucky Center for Smoke-free Policy
Co-Chair, UK Tobacco-free Task Force
College of Nursing and College of Public Health
University of Kentucky

“Promoting the Health of African Americans using Texting and Social Media: #HeartHealthyandCancerFree”

Jenna Hatcher, PhD, MPH, RN

Associate Professor, Director of Diversity and Inclusion
College of Nursing
Chair, Diversity Committee
Center for Clinical and Translational Science
University of Kentucky

Informatics Tools to Support Clinical Research (THOROUGHbred 4)

Jeffery Talbert, PhD, Session Chair

“Big Data and Informatics Resources for Multi-center Studies”

GQ Zhang, PhD

Professor and Chief, Division of Biomedical Informatics, College of Medicine
Director, Institute for Biomedical Informatics
Director, CCTS Biomedical Informatics Core
University of Kentucky

“Informatics Tools for Cancer Clinical Trial Recruitment”

Eric B. Durbin, DrPH, MS

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

“Informatics Tools for Participant Recruitment”

Jeffery Talbert, PhD

Professor, Department of Pharmacy Practice and Science
Director, Institute for Pharmaceutical Outcomes and Policy
College of Pharmacy
Co-Director, CCTS Biomedical Informatics Core
Associate Director, Center for Clinical and Translational Science
University of Kentucky

Community Leadership Institute of Kentucky (CLIK) (THOROUGHbred 2)

Nancy Schoenberg, Session Chair

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

“Project Affecting Care Transitions”

Shannon Adams, MSN, RN, Project Manager

Kentucky Rural Health Information Technology



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“Medical Order Scope of Treatment (MOST) Form Advanced Planning Education”

Jill Conway, Provider Liaison
Hospice of the Bluegrass

“Increasing Trail Usage and Physical Activity in Middlesboro, KY with Wayfinding Signs”

Emily Cornett, AmeriCorps VISTA
Discover Downtown Middlesboro

“Stick It to Diabetes”

Ashley Harkins, RN, Licensed Diabetes Educator
Kentucky River District Health Department

“Community Coordinated Diabetes Screening and Outreach Project in Martin County”

Brittany Martin, Health Planner and AmeriCorps VISTA
Big Sandy Healthcare, Inc.

“Get Fit Academy”

Sarah Osborne, 21st Century Learning Center Coordinator
Leslie County Schools

“Ensuring Growth is Our Business”

Kelli Thompson, Student Agency Lead
Kentucky Valley Education Cooperative

“Using the Social Influences Resistance Model to Improve Youth Tobacco and Substance-Abuse Prevention and Control: Is It Effective?”

Holly West, MS, Healthcare Innovator and Grant Writer
Our Lady of Bellefonte Hospital

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
Associate Provost for Clinical and Translational Science

12:30 pm **Keynote Address**

“Personalized Medicine and Population Health”

Donna Arnett, PhD

Dean, College of Public Health
University of Kentucky

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

- College of Dentistry Research Day (THOROUGHbred 2)
- College of Engineering Biomedical Research Day (THOROUGHbred 5)
- College of Health Sciences Research Day (HYATT REGENCY BALLROOM)
- College of Nursing Scholarship Showcase (THOROUGHbred 6-7)
- College of Public Health Research Day (THOROUGHbred 3)
- 32nd Annual BGSFN Spring Neuroscience Day (THOROUGHbred 1)
- 35th Annual Symposium in Reproductive Science and Women’s Health (THOROUGHbred 8)



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1:45 – 3:15 pm CCTS Scholar Presentations (THOROUGHBRED 4)

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

Moriel Vandsburger, PhD, Session Co-Chair

Assistant Professor, Physiology and Biomedical Engineering
Saha Cardiovascular Research Center
University of Kentucky

- 1:45 ***“The Effects of Preclinical AD Pathology on Default-mode Network Function and Executive Performance Are Mediated by Declining White Matter Microstructure”***
Christopher Brown, CCTS TL1 Trainee, MD/PhD Student, Department of Anatomy and Neurobiology, University of Kentucky
- 2:00 ***“Serum Biomarkers in Early Detection of Diabetic Cardiomyopathy in West Virginia Population”***
Christopher Jones, MD, Fellow, Department of Cardiology, Joan C. Edwards School of Medicine, Marshall University
- 2:15 ***“Identifying and Adapting a Depression Intervention for Rural Appalachian Women: Preliminary Findings from Formative Research”***
Claire Snell-Rood, PhD, BIRCWH Scholar, CCTS Pilot Awardee, Assistant Professor, Department of Behavioral Science, University of Kentucky
- 2:30 ***“Prevalence and Predictors of Chronic Opioid Use in a Nationally Representative Sample of Newly Diagnosed Crohn’s Disease Patients”***
Lamprinos Michailidis, MD, Resident, Department of Internal Medicine, College of Medicine, University of Kentucky
- 2:45 ***“Variability of the Finnegan Scoring System in Monitoring Infants with Neonatal Abstinence Syndrome”***
Ashley Christian, Professional Student Mentored Research Fellow, Medical Student, College of Medicine, University of Kentucky
- 3:00 ***“Abuse Liability of Oral Cannabidiol in Comparison to Smoked Marijuana in Frequent Marijuana Smokers”***
Shanna Babalonis, PhD, CCTS KL2 Scholar, CCTS Pilot Awardee, Assistant Professor, Department of Behavioral Science, University of Kentucky

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

