



Research! Louisville 2019



September 10-13

Celebrating 24 years of research
at the Louisville Medical Center

Sponsored by:



www.researchlouisville.org



RESEARCH SHOWCASE SCHEDULE*

Note:

All events will be held at the University of Louisville Kosair Charities Clinical & Translational Research Building at 505 South Hancock unless otherwise noted.

***Schedule is subject to change.**

Go to www.researchlouisville.org for more details.

TUE. SEPTEMBER 10: 9:00 a.m. – 12:00 p.m. 1:00 p.m. – 4:00 p.m.	Graduate Students
	Dental and Medical Students
WED. SEPTEMBER 11: 9:00 a.m. – 12:00 p.m. 1:00 p.m. – 4:00 p.m.	Postdoctoral Scholars, Research Associates, Research Staff, Bioengineering Co-op Students & PharmDs
	Residents, Fellows, Public Health Students, Nursing Graduates, NCI R25 Undergraduates, and pre-authorized high school scholars
THU. SEPTEMBER 12: 9:00 a.m. – 12:00 p.m.	UofL Faculty



AWARDS CEREMONY & KEYNOTE ADDRESS

Cheryl Lyn Walker, Ph.D., Director of the Center for Precision Environmental Health at Baylor College of Medicine, where she holds the Alkek Presidential Chair in Environmental Health and is a Professor in the Departments of Molecular & Cell Biology, Medicine, and Molecular and Human Genetics.

Lecture: “Environmental Epigenomics: What the Epigenome can Teach us about Environmental Causes of Disease”

The epigenome is often described as the “software” that operates our genome. This epigenomic software is installed very early in life at key developmental windows in utero and during early childhood and adolescence. Once installed, it is carried with us into adulthood and acts as a determinant of health and disease across the life-course. Importantly, and in contrast to the DNA of our genome, the epigenome is quite plastic, and able to sense and change in response to the environment. Consequently, adverse environmental exposures experienced early in life can reprogram the epigenome and increase susceptibility to many diseases in adulthood. Dr. Walker’s work on environmental epigenomics is providing new insights into how the environment molds the epigenome, and how developmental reprogramming induced by early life exposures can change normal physiology to increase risk for diseases such as obesity and cancer.

Friday, September 13
R!L Awards Ceremony & Keynote Address
1:00 p.m. – 2:30 p.m.
Reception to follow.

**Kosair Charities Clinical and Translational
Research Building**
Rooms 101/102
UofL Health Sciences Campus

Dr. Walker is internationally recognized for her work in environmental health and elucidation of molecular mechanisms of disease. Her studies on the role of the epigenome in gene-environment interactions have yielded significant insights into mechanisms by which early life environmental exposures influence health and disease across the life-course. She currently directs the NIEHS T32 Training Program in Precision Environmental Health, and the Gulf Coast Center for Precision Environmental Health (GC-CPEH) – a collaboration between Baylor College of Medicine, UTMB-Galveston and UT-Health School of Public Health focused on Early Life Genome/Epigenome: Environment Interactions, Mechanisms and Interventions in Human Environmental Disease, Disaster Research and Response (DR2) for the Texas Gulf Coast Region.





Schedule-at-a-Glance*

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<p>WED. SEPTEMBER 11 8:30 a.m. – 3:30 p.m. Registration 8:30 a.m. – 9:00 a.m.</p>	<p>Rhonda A. Hoffman GEAR Session: Hot Topics for Research 2019 Kelly Willenberg and Michael Roach discuss hot topics in research compliance, looking at quality initiatives versus research as we define quality improvement projects and understand when it's research. Hear the latest on revised Federal Policy for the Protection of Human Subjects known as the Common Rule that went into effect 1/21/19, calculate risk areas as we explore risk assessment in research compliance!</p>	<p>Presenters: Kelly Willenberg, M.B.A.,B.S.N., CHRC, CHC, Kelly Willenberg, LLC Michael Roach, J.D., Meade, Roach & Annulis, LLP</p> <p>Register: www.nortonhealthcare.com</p>	<p>Location: Norton Healthcare Pavilion, Cranmer Auditorium, 315 E. Broadway, Lower Level, Louisville, KY</p> <p>Target Audience: research coordinators, PI's, nurses, physicians, clinical/non-clinical research professionals</p> <p>Contact: Holly Horn 502-629-3501 or holly.horn@nortonhealthcare.org</p>
<p>12:00 p.m. – 1:00 p.m.</p>	<p>UofL School of Nursing presents: Development and Evaluation of an Inter-generational Lifestyle Intervention to Improve Health Outcomes among Low-Income Families</p>	<p>Presenter: Jiyong Ling, PhD, MS, RN, Assistant Professor of Michigan State University College of Nursing</p>	<p>Location: KCCTRB Rooms 101/102</p> <p>Target Audience: health professionals</p> <p>Contact: Dr. Lynne Hall (502) 852-8385 or mlhall10@louisville.edu</p>
<p>2:00 p.m. – 3:00 p.m.</p>	<p>The Office of Research Integrity Presents: Preventing and Detecting Grant Fraud. This is part of the 2019 RCR Training Series. This free session will provide 1 hr. of face-to-face RCR instruction as required by NIH (8 hours minimum).</p> <p>Light refreshments will be served.</p>	<p>Presenter: Les Hollie, Assistant Inspector General for Investigations, Department of Health and Human Services/OIG.</p>	<p>Location: KCCTRB Rooms 101/102</p> <p>Target Audience: Researchers, professors, postdocs and grad students</p> <p>Contact: Carla Jones (502) 852-2454 or cyjone01@louisville.edu</p>
<p>3:45 p.m. – 5:00 p.m.</p>	<p>James Graham Brown Cancer Center Presents: "A Whale of a Tale: Are Whales Resistant to Cancer and Chemical Carcinogens?" Dr. Wise's lab has made important advances in understanding DNA damage/repair, mitosis and centrosome biology. His UofL School of Medicine laboratory works closely with ship-and-shore based work at field sites in Puerto Rico, Florida, and the Gulfs of Maine, Mexico and California.</p>	<p>Presenter: John Wise, Sr., Ph.D., Professor of Pharmacology & Toxicology</p>	<p>Location: KCCTRB Rooms 101/102</p> <p>Target Audience: faculty, post-doctoral students, graduate students, lab technicians and other interested parties</p> <p>Contact: Diane Konzen, JGBCC (502) 852-4122 or diane.konzen@louisville.edu</p>
<p>7:00 p.m.</p>	<p>R!L Beer with a Scientist Lecture</p> <p>Location: Holsopple Brewing 8023 Catherine Lane, #105 telephone # (502) 708-1902</p>	<p>Presenter/Topic: Sam Cotton, Ph.D., Program Manager, Geriatrics Workforce Enhancement Program, Trager Institute, present updates in brain health and Alzheimer's research.</p>	<p>Target Audience: open to all</p> <p>Contact: Levi J. Beverly, Ph.D., (502) 852-8968 or levi.beverly@louisville.edu</p>



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<p>THU. SEPTEMBER 12 12:00 p.m. – 1:00 p.m.</p>	<p>The HSC Office of Diversity and Inclusion Presents: Redlining Louisville: The Racist Origins of Real Estate, Planning and Wealth. This event will explore the legacy of structural discrimination through federal housing policies and the far-reaching impact they have had on social determinants of health and economics.</p>	<p>Presenter: Joshua Poe, M.A., is a nationally recognized city planner, data journalist, community organizer and movement geographer.</p> <p>Lunch will be served.</p>	<p>Location: KCCTRB Rooms 101/102</p> <p>Target Audience: UofL Belknap and HSC students, faculty, staff, Louisville Metro personnel, general community members</p> <p>Contact: Dr. Faye Jones 502-852-7159 or hscodi@louisville.edu</p>
<p>2:00 p.m. – 4:30 p.m.</p>	<p>The School of Dentistry Presents: Microbiomics, Inflammation and Pathogenicity. This event will address the interface between the human microbiome and the host immune system which contributes to health or disease.</p>	<p>Guest Speaker: Dr. Gaya Amarasinghe, Washington University</p> <p>Topic: Filoviral infections lead to rare, but often lethal outbreaks. Molecular mechanisms and host-viral interactions that contribute to diseases and developments in therapeutics will be discussed.</p> <p>UofL Presenters 15-20 minutes each: Dr. Venkatakrishna Jala Dr. Matt Lawrenz Dr. Juhi Bagaitkar</p>	<p>Location: KCCTRB Room 124</p> <p>Target Audience: researchers in microbiology and immunology, infectious disease clinicians</p> <p>Contact: Dr. Richard Lamont (502) 852-2112 or rjlam01@louisville.edu</p>
<p>FRI. SEPTEMBER 13 1:00 p.m. – 2:30 p.m. R!L Awards Ceremony and Keynote Address</p>	<p>Keynote Address: “Environmental Epigenomics: What the Epigenome can Teach us about Environmental Causes of Disease”</p> <p>Reception to follow.</p>	<p>Keynote Speaker: Cheryl Lyn Walker, Ph.D.</p> <p>Scientific poster competition winners are recognized and presentation by Dr. Walker.</p>	<p>Location: KCCTRB Rooms 101/102</p> <p>Target Audience: faculty, staff, research associates, students, postgrads, graduates (all are welcome)</p> <p>Contact: Bonnie Dean (502) 550-3928 or bonnie.dean@louisville.edu</p>



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Post-R!L Events

<p>WED. SEPTEMBER 18 9:00 a.m. – 2:00 p.m.</p> <p>Note: This event is scheduled post-R!L to avoid conflict with SAT Testing dates</p>	<p>Research!Louisville at the Kentucky Science Center’s Pulse of Surgery Program</p> <p>Through a collaborative effort with the University of Louisville, Greater Louisville Medical Society, and the Louisville Women in Medicine and Science (L-WIMS), students will work in sessions to learn about alternative science career opportunities and view a real-time open-heart surgery.</p>	<p>Pre-registration required</p>	<p>Location: Kentucky Science Center, 727 West Main Street, Louisville, KY</p>  <p>Target Audience: 7th-12th grade students with a biomedical focus</p> <p>Contact: Veronica Greenwell (502) 560-7151 or veronica.greenwell@louisvilleky.gov</p>
<p>FRI. SEPTEMBER 27 8:00 a.m. – 4:30 p.m.</p>	<p>R!L 2019 Nursing Symposium</p>	<p>Keynote Speaker: Nancy M. Albert, Ph.D., CCNS, CHFN, CCRN, NE-BC, FAHA, FCCM, FHFA, FAAN</p> <p>Dr. Albert is associate chief nursing officer for Cleveland Clinic’s Office of Nursing Research & Innovation, and a clinical nurse specialist in Cleveland Clinic’s Kaufman Center for Heart Failure. Dr. Albert has extensive experience and expertise as an administrator, scientist and leader of a heart failure research program.</p> <p>Registration required.</p>	<p>Location: Baptist Health Louisville, Education Center Auditorium, 4000 Kresge Way, Louisville, KY 40207</p> <p>Target Audience: research coordinators, nurses, healthcare providers, PI’s, students</p> <p>Contact: Melissa Collins, MSN, RN-BC mcollin1@bhsi.com or 502-897-8840.</p> <p>Sponsors: Baptist Health Louisville, University of Louisville Hospital, Kentucky One Health, Norton Healthcare, Robley Rex VA Medical Center, and Sigma Theta Tau (Iota Gamma, Lambda Psi, and Iota Zeta Chapters)</p>

ABOUT RESEARCH!LOUISVILLE

Research!Louisville (R!L) marks its twenty-fourth anniversary of annual celebrations of health-related research sponsored by the University of Louisville and Norton Healthcare.

R!L Goals:

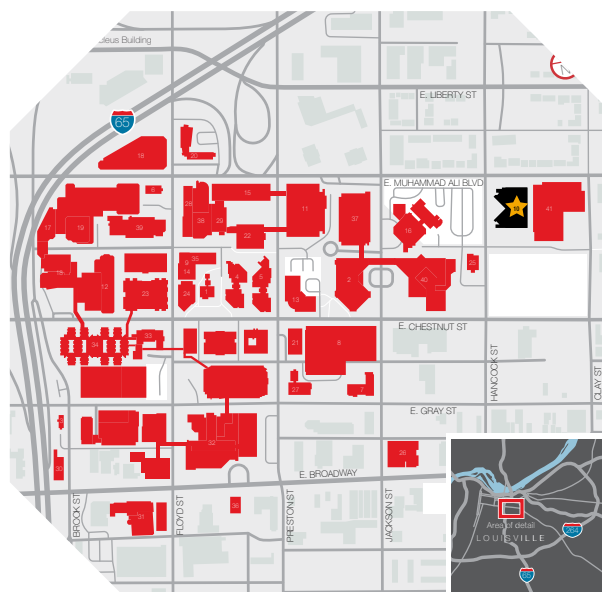
- Promote excellence in health sciences research
- Promote public awareness of health sciences research
- Promote the Louisville Medical Center
- Generate additional funding for health sciences research

DIRECTIONS TO THE LOUISVILLE MEDICAL CENTER (LMC)

From North to LMC's North Gateway:

- Take I-65 South to Exit 136C, Jefferson St. Downtown.
- Stay in left exit lane (Brook St).
- Follow exit ramp onto Brook St.
- Go one block and turn right on Market St.
- Go one block and turn right on Floyd St.
- Go under I-65 overpass.

The North Gateway is located at the intersection of South Floyd St and Muhammad Ali Boulevard.



From South (airport) to LMC's South Gateway:

- Take I-65 North to Exit 136A, Broadway/Chestnut St.
- This exits onto Brook St.
- Go one block.

The South Gateway is located at the intersection of South Brook St. and Broadway.

FOR MORE INFORMATION:

General Program:

Bonnie Dean

(502) 550-3928 or

bonnie.dean@louisville.edu

Scientific Poster Competitions:

Anne Noe

(502) 852-2553 or

anne.noel@louisville.edu

NOTES

A vertical column of 20 horizontal lines for notes, with a decorative border of overlapping hexagons on the right side. The hexagons are in shades of dark blue, teal, yellow, and olive green.