

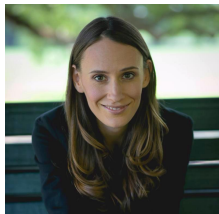
September 10, 2018



CCTS DIGEST

Center for Clinical and Translational Science

Providing solutions to sharpen science, improve human health, and address disparities and diseases disproportionately represented within the Deep South.



Did You Know?

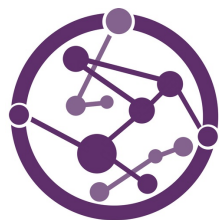
The National Center for Advancing Translational Sciences (NCATS) home page features a story highlighting a recent discovery by UAB Assistant Professor Dr. Courtney Peterson, a former **CCTS KL2 scholar** from Pennington Biomedical Research Center, a CCTS Partner institution. Peterson's research team found that early time-restricted feeding (eTRF), i.e., eating all meals by midafternoon and fasting the rest of the day, can improve blood pressure and insulin sensitivity even in the absence of weight loss. Consuming daily calories in a six-hour window (8am to 2pm) was also found to reduce evening appetite, facilitating weight loss. The results, which help clarify the association between improved health outcomes and weight loss due to intermittent fasting, appear in *Cell Metabolism*. Peterson credits a **CCTS mini-sabbatical**, in which she trained with Boston-based circadian rhythm expert Dr. Frank Scheer, as instrumental to her research on the effect of eTRF and circadian rhythm in human metabolism. [More](#)

News/Announcements



First UAB Marchase Symposium Spotlights CCTS Synergies

The inaugural UAB Marchase Interdisciplinary Research Centers Symposium explored the importance of "a spirit of camaraderie" in science to address important societal challenges. CCTS experts presented two of the three morning talks, underscoring the role of translational thinking in successful team science endeavors. Our CCTS poster highlighted the powerful impact of reaching across disciplinary and institutional boundaries in pursuit of shared research and workforce training goals. [More](#)



I-Corps@NCATS Regional Short Course Graduates 14 Teams

Congratulations to the participants of the CCTS I-Corps@NCATS Regional Short Course, which concluded in August. Fourteen research teams finished the course, graduating with invaluable insights into what prospective "customers" like about their proposed health service models, devices, and technologies. [More](#)

What's New on the CCTS Website

Does your research team work with a Data and Safety Monitoring Board (DSMB)? Will you need to assemble a DSMB in the future to advise in the conduct and progress of a clinical research study? If so, check out this new online resource produced by the CTSA



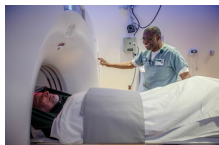
Collaborative DSMB Workgroup. With a focus on investigator-initiated studies, the manual provides information and training for Principal Investigators, DSMB members, IRB members, biostatisticians, and research staff on how to work effectively with DSMBs. [More](#)



Mark Your Calendar for Entrepreneurial Grand Rounds

Do not miss the first of our Fall 2018 series, an interactive I-Corps@NCATS workshop led by UAB I-Corps Program Director and CCTS Executive Council Member Dr. Molly Wasko. If you are interested in accelerating biomedical science discoveries along the commercialization pathway, join us on **Friday, Sept. 14**. Part of the Health Sciences Entrepreneurship (HSE) seminar series, a collaboration among UAB, UAMS, UKMC, UU, and UTHSC. [More](#)

Funding Opportunities



Enhance Your Research with a CCTS and/or Radiology Imaging Development Voucher

Do you have specimens that need processing, data that need analyzing, or subjects who require dietary, nursing, or regulatory support? Would your project benefit from molecular, functional or anatomic images? The CCTS and UAB Dept. of Radiology voucher programs offer extra support that may help take your research to the next level. Investigators with a full-time faculty appointment at any CCTS Partner institution are encouraged to apply. Each program offers up to \$5,000 in direct costs. [More](#)



Health Services, Outcomes and Effectiveness Research Training Program

This is a full-time mentored research training postdoctoral fellowship supported by the Agency for Healthcare Research and Quality (ARHQ) through the T32 Institutional National Research Service Awards (NRSA). The program prepares scholars for a career translating research evidence into practice. **Applications due Sept. 17.** [More](#)



Health Disparities Research Education Certificate Program 2018-19 -- Open to CCTS Partners!

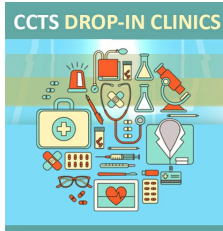
This interdisciplinary professional development program is recruiting junior faculty, medical residents, postdoctoral fellows, and mid-level faculty interested in making a transition to disparities research in obesity, cancer, aging, cardiovascular disease, HIV, and other disease conditions. Scholars who complete the program may be eligible to apply for pilot funding to start their project. **Applications and Letters of Support due Sept. 19.** [More](#)



CCTS Radiology Pilot Research Initiative

In collaboration with the UAB Department of Radiology and School of Medicine, the CCTS is requesting pilot study proposals for research projects requiring human imaging on the Highlands 3T, PET/MR, PET/CT, CT, and/or Small Animal Imaging on the 9.4T, MRI, Micro PET/CT, etc. The intent of the Pilot Initiative is to promote pre-clinical and clinical research projects and so acquire data that can be used in publications and extramural grant applications. **Application due Sept. 21.** [More](#)

This Week's Learning Opportunities



CCTS Drop-In Clinics

Join us for the weekly Monday Drop-In Clinic for free consultations in **Biostatistics, Epidemiology and Research Design**. No appointment necessary. Bring laptop and study related questions.

Sept. 10 | 10am-2pm | Edge of Chaos | [More](#)



Department of Epidemiology Seminar Series

James Cimino, MD, UAB Informatics Institute Director and CCTS Co-Director, will discuss "Informatics for Translating Clinical Research Finding to Populations: Small and Big Data."

Sept. 10 | 12-1pm | Ryals 407 | [More](#)



CCTS Research Training Program

What does it take to excel in today's dynamic clinical research environment? Our six-week training answers this question and more, preparing research staff with the basics of implementing and managing a clinical study or trial with an emphasis on Good Clinical Practice (GCP). Useful for those just starting out in research or who seek an update to maintain the highest standards of excellence. **Registration and \$150 course fee required.**

Sept. 11 - Oct. 16 | 7:45am-12pm | PCAMS | [More](#)



CCTS I-Corps Bootcamp

Are you ready to train hard to ensure your science matters to potential customers? Our three-week I-Corps@NCATS Bootcamp offers investigators a proven technique for exploring the commercial value of their work by helping them connect with those who stand to benefit from it. Learn how to "pitch" your research project (or technology, protocol, intervention) to any audience, including funders and potential collaborators.

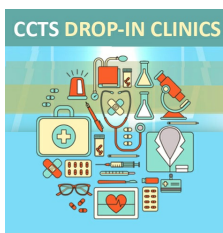
Sept. 12 | 8am-12pm | Nielsen Innovation Lab, CSB 109 | [More](#)



Case Studies in Mentoring: Aligning Mentor/Mentee Expectations

Bring your questions and concerns and join us as we explore the nuances of the mentor-mentee relationship. Our case-based discussions help participants discover new strategies to maximize the benefits of this career-enhancing skill. Open to investigators at any level from across the CCTS Partner Network. **Registration requested**, walk-ins welcome.

Sept. 12 | 11am-12pm | PCAMS | [More](#)



CCTS Drop-In Clinics

Join us for the second Wednesday Drop-In Clinics for free consultations in **Biostatistics, Epidemiology and Research Design, Biorepository**. No appointment necessary. Bring laptop and study related questions.

Sept. 12 | 11:30am-1pm | PCAMS | [More](#)



Sips & Science

Rita Cowell, PhD, Fellow and Chair of the Neuroscience Department within the Drug Discovery Division at Southern Research, will discuss "Understanding Your Aging Brain."

Sept. 12 | 5-7pm | Southern Research | [More](#)



Informatics Institute PowerTalks Colloquia

Daisuke Kihara, PhD, Department of Biological Sciences and Department of Computer Sciences Professor at Purdue University, will discuss "Computational Prediction and Modeling for Protein-Drug and Protein-Protein Interactions."

Sept. 14 | 10-11:30am | Shelby 105 | [More](#)



Training Interdisciplinary & Emerging Research Scholars (TIERS)

David Redden, PhD, Dept. of Biostatistics Professor and Vice Chair and CCTS BERD Co-Director, will discuss "[Seven Key Study Design Questions](#)." GoToMeeting available.

Sept. 14 | 11-12pm | PCAMS | [More](#)



HSE Entrepreneurial Grand Rounds

Recognizing the need to connect investigators with experts who can share their knowledge of the commercialization journey for biomedical scientific discoveries, the first Fall 2018 Entrepreneurial Grand Rounds will feature CCTS Executive Council Member Dr. Molly Wasko leading an interactive I-Corps@NCATS workshop. GoToMeeting available.

Sept. 14 | 1-2pm | PCAMS | [More](#)

Upcoming Events

SEPTEMBER

Department of Epidemiology Seminar Series: Generating and Using Polygenic Risk Scores for Complex Traits in Studies with Diverse Populations

Sept. 17 | 12-1pm | Ryals 407

Trust for America's Health: Taking Action to Promote Health Equity-Using the Lessons from Cutting-Edge Practices to Improve Health and Well Being

Registration required

Sept. 18 | 12:30-2pm | Webinar

Case Studies in Mentoring: Assessing Mentee Understanding

Registration requested

Sept. 19 | 11am-12pm | PCAMS | GoToMeeting Available

TIN Webinar: REDCap - New Modules Supporting eConsent + EHR workflow and data interoperability

Sept. 19 | 11am-12pm | Webinar

Alabama Drug Discovery Alliance Symposium

Registration required by Sept. 17

Sept. 20 | 8:30am-12pm | Southern Research

UAB Center for Exercise Medicine Science Communication Workshop

Registration required

Sept. 20 | 11:45am-1pm | Hill Student Center | UAB

Special Topics in Clinical Trials (formerly called the CCTS Research Seminar Series) : How to Create Source Documents

Sept. 20 | 12-1pm | PCAMS | GoToMeeting Available

UAB Center for Exercise Medicine REACT Clinical Trials Workshop

Registration required

Sept. 20 | 2-4pm | Hill Student Center | UAB

6th Annual UAB Center for Exercise Medicine Symposium

Registration required

Sept. 21 | 8am-2pm | Hill Student Center | UAB

I-Corps@NCATS Regional Short Course Kick-off Workshop - UC Davis

Registration required by Sept. 4

Sept. 21 | 9am-4pm | Davis, CA

Informatics Institute Hosts Dr Aidong Zhang

Sept. 21 | UAB

Student Workshop

9-10am | THT Vault

Seminar: Patient Similarity Learning for Personalized Healthcare

10am | Shelby 105 | GTM Available

NSF Overview

1:30-2:30pm | PCAMS | GTM Available

Special NSF-oriented Informatics Gateway

3:30pm | PCAMS | GTM Available

Department of Epidemiology Seminar Series: The Pediatric and Congenital Heart Center of Alabama

Sept. 24 | 12-1pm | Ryals 407

Case Studies in Mentoring: Addressing Equity and Inclusion

Registration requested

Sept. 26 | 11am-12pm | PCAMS | GoToMeeting Available

UAB Research Orientation Program

Registration required

Sept. 27 | 8am-12pm | PCAMS

Accessing Clinical Data for Research with i2b2

Registration required. Attendees encouraged to obtain i2b2 access prior to training.

Sept. 27 | 1-3pm | LRC 210A

NCATS Day 2018: Engaging Patients and Communities for Smarter Science

Sept. 28 | 9am-4:30pm | NIH | Bethesda, MD

Informatics Institute PowerTalks Colloquia: From Chaos, DRAMA: Data-driven Research for Advanced Modeling and Analysis

Sept. 28 | 10-11:30am | Shelby 105

OCTOBER

TIN Webinar: Effectiveness and Cost of Recruiting Participants to a Research Registry Using an Emergency Department Research Associate (EDRA) Program

Oct. 1 | 11am-12pm | Webinar

6th Annual Immunogenomics Conference

Oct. 1-3 | HudsonAlpha Institute for Biotechnology | Huntsville, AL

Special Topics in Clinical Trials (formerly called the CCTS Research Seminar Series): Clinical Trials.gov Registration Workshop

Oct. 4 | 11:30am-1pm | PCAMS | GoToMeeting Available

Department of Epidemiology Seminar Series: Morbidity in Cancer Survivorship

Oct. 8 | 12-1pm | Ryals 407

Accessing Clinical Data for Research with i2b2

Registration required. Attendees encouraged to obtain i2b2 access prior to training.

Oct. 9 | 1-3pm | LRC 210A

Case Studies in Mentoring: Cultivating Ethical Behaviors

Registration requested

Oct. 10 | 11am-12pm | PCAMS | GoToMeeting Available

5th Annual Community Engagement Institute

Building Bridges for Better Health through Engaging Communities

Oct. 12 | 8am-5pm | Hyatt Regency Hotel | Hoover, AL

Department of Epidemiology Seminar Series: Improvements of Bacterial Susceptibility to Fluoroquinolones After Implementation an Antimicrobial Stewardship Restriction Program: A Decade-Long Experience

Oct. 15 | 12-1pm | Ryals 407

Case Studies in Mentoring: Establishing an Authorship Policy

Registration requested

Oct. 17 | 11am-12pm | PCAMS | GoToMeeting Available

Special Topics in Clinical Trials (formerly called the CCTS Research Seminar Series): Research 101: Process to Get Started or How to Start a Study Workshop (Steps to Activation)

Oct. 18 | 11:30am-1pm | PCAMS

Department of Epidemiology Seminar Series: A Crisis of Opioids and the Limits of Prescription Control: Epidemiology, Clinical Policy, and Personal Reflections

Oct. 22 | 12-1pm | Ryals 407

I-Corps@NCATS Regional Short Course Kick-off Workshop - UMass

Registration required

Oct. 23 | 9am-4pm | UMass

Accessing Clinical Data for Research with i2b2

Registration required. Attendees encouraged to obtain i2b2 access prior to training.

Oct. 23 | 1-3pm | LRC 210A

Inaugural Symposium on Molecular Imaging at UAB

Registration required

Oct. 24 | 8am-6:30pm | UAB National Alumni Society House

Case Studies in Mentoring: Fostering Independence

Registration requested

Oct. 24 | 11am-12pm | PCAMS

Department of Epidemiology Seminar Series: Cardiovascular Disease in People Living with HIV

Oct. 29 | 12-1pm | Ryals 407

Case Studies in Mentoring: Promoting Professional Development

Registration requested

Oct. 31 | 11am-12pm | PCAMS | GoToMeeting Available

NOVEMBER

Accessing Clinical Data for Research with i2b2

Registration required. Attendees encouraged to obtain i2b2 access prior to training.

Nov. 15 | 1-3pm | LRC 210A

Complete listing of CCTS events