

February 11, 2019



**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.

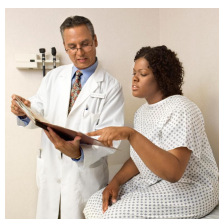


**GENOME**  
UNLOCKING  
LIFE'S  
CODE

### Did You Know?

The McWane Science Center in Birmingham has opened a new exhibit, "**Genome: Unlocking Life's Code**," that captures the wonder and excitement of a decade of genomic discoveries informing fields from evolutionary anthropology to precision medicine. Developed by the Smithsonian and the NIH, the exhibit features a wall called "Faces of Medical Genomic Careers in Alabama." Highlighted there are some familiar faces including Dr. Bruce Korf, CCTS Director of Genomic Medicine, UAB Chief Genomics Officer, and Co-Director of the Alabama Genomics Health Initiative (AGHI), and Dr. Stephen Sodeke, Resident Bioethicist and Professor of Bioethics, College of Arts and Sciences at Tuskegee University, and a member of the AGHI's permanent ethics working group. The exhibit, which spans three galleries and includes interactive stations, 3D models, custom animations, and videos, is sponsored by UAB Medicine. Open through May 19, 2019. [More](#)

## News/Announcements



### Join Us TODAY! CCTS Monthly Forum "Building on Success: A Vision for Clinical Trials"

Budgeting, recruitment, time to activation--how will innovations addressing these and other clinical trial processes enhance your success? CCTS Director Dr. Robert Kimberly will lead a discussion focused on ways to increase clinical trial effectiveness, including peer financial prototypes setting new standards for cost effectiveness, recruitment methods to grow study portfolios and meet enrollment targets, platforms that speed time to activation for both PI and industry sponsored trials, and recommendations from the [national Clinical Trials Transformation Initiative](#). PCAMS, 4-5:30pm. [More](#)



### Mark Your Calendar for the 4th Annual CCTS Bioethics Forum

Cohosted by CCTS Partners Tuskegee University and UAB, this event brings together researchers and bioethicists to discuss special challenges in population-based genetic and genomic research. This year's event will focus on ethical issues around the return of results to research participants. Speakers will share lessons learned from the Alabama Genomic Health Initiative and Southern All of Us. Monday, March 18, 9am-1pm. Registration will open soon! [More](#)



### How to Share Your Views as a Scientist

Syracuse University Senior Associate Vice President for Content Strategy Ellen de Graffenreid recently joined our CCTS Friday Fellows to present a workshop on "How to Share Your Views: Op-Eds for Scientists." We summarize this communication guru's top tips for effectively sharing your viewpoint with the media and the public. [More](#)



### CCTS Extends Deadline for Predoctoral TL1 Research Training Program

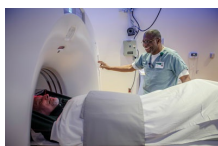
Students finishing their second year in a health-related doctorate have an extra week to apply to the CCTS Clinical/Translational Research Training (aka the CCTS TL1). This immersive program provides 12 months of protected time for trainees to develop projects focused on reducing health disparities and/or diseases that disproportionately affect the Deep South. Other benefits include a stipend, tuition/training support, mentorship, and becoming a "translational thinker." **Apply by Friday 15, 2019.** [More](#)

## Funding Opportunities



### NIH Releases 40+ Fast-Track HEAL FOAs--Apply Soon!

The **NIH Helping to End Addiction Long-term (HEAL)** funding opportunities posted over the past few weeks offer translational researchers from across the T-spectrum (T0-T4) a new source of support for discovery research, preclinical development, clinical trials, implementation/dissemination studies, and technology development or commercialization. The catch? Most have short application windows (i.e., late January-early February deadlines) and specialized submission criteria (e.g., all applicants to **RFA-NS-19-021**, which will fund pain-related comparative effectiveness clinical trials, must include a letter of support from CCTS). Check out the list and share broadly with your colleagues. **Applications due Monday, February 11, 2019.** [More](#)



### 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](#)



### \$100K CD2H Idea Competition

The CTSA Program's National Center for Data to Health (CD2H) is excited to announce the launch of the CD2H Idea Competition. This is an opportunity to turn your scientific question into a DREAM Challenge to be tackled by teams around the world. If your idea is selected, you will receive a \$100,000 subcontract to run the DREAM Challenge in collaboration with the CD2H. **The deadline to submit your initial proposal is Friday, February 15, 2019.** [More](#)

### Basic and Translational Science in Heart Failure T32 Training Program



UAB announces the availability of two fellowship positions for post-doctoral (PhD) and clinical (MD) fellows wishing to train in the broad area of heart failure. This is an ideal opportunity to obtain scientific publications and intellectual development that will lay the foundation for future success as an independent scientist. UAB's well-established NIH-funded investigators will provide a mentored experience critical to early career development. **Applications due Friday, February 15, 2019. [More](#)**



### The VA Quality Scholars Fellowship Program

The national VA Quality Scholars Fellowship offers physicians, nurses, and associated health professionals the unique opportunity to improve healthcare quality through innovation, teaching and research. An important goal of this interdisciplinary post-doctoral fellowship is to develop clinicians who will be able to advance the scientific basis of healthcare improvement. This advanced program combines a broad curriculum with an individualized approach to meet the needs of each healthcare professional's interests. **See [FAQ for more details](#). Letter of Intent due by Friday, March 1, 2019. [More](#)**



### Limited Competition: Clinical and Translational Science Award (CTSA) Program: Collaborative Innovation Awards

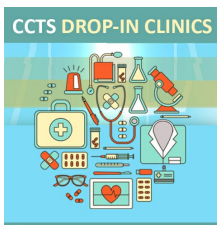
The NCATS CTSA Program Collaborative Innovation Awards (CCIA) support team-based research to develop, demonstrate, and disseminate innovations that can improve the translational science process and turn laboratory, clinical, and community observations into interventions that benefit public health. CCIA enable investigators to tackle a translational science problem no one hub can solve alone and/or to disseminate a validated solution developed at one hub to other hubs. **Submit applications to [PAR-19-099](#) and [PAR-19-100](#) by 5pm, Friday, March 8, 2019. [More](#)**



### T32 Pre- and Post-Doctoral Health Services, Outcomes and Effectiveness Research Training Program

This training program prepares independent investigators to pursue careers in health services & outcomes research focused on translating research evidence into practice. Scholars are also trained in comparative effectiveness research methods for evaluating the benefits and harms of different treatment strategies and interventions on patient outcomes in real-world settings. **Submit applications for the [pre-doctoral](#) and [post-doctoral](#) fellowships by 5pm CST, Friday, March 15th.**

## This Week's Learning Opportunities



### CCTS Drop-In Clinics

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

**Feb. 11 | 10am-2pm | Edge of Chaos | [More](#)**



### CCTS Drug Discovery Seminar Series

Maaïke Everts, PhD, Associate Director of Alabama Drug Discovery Alliance, will discuss "Target Validation." Cosponsored by CCTS Partners UAB and Southern Research. Zoom available.

**Feb. 11 | 12-1pm | PCAMS | [More](#)**



### Implementation Science Frameworks and Methods: Lessons from the Field

CCTS, CFAR Behavioral and Community Sciences Core, and Center for Outcomes and Effectiveness Research and Education (COERE) invite you to a panel discussion on implementation science. [Registration requested](#), walk-ins welcome.

Feb. 11 | 1:30-3pm | Edge of Chaos | [More](#)



### CCTS Monthly Forum - Building on Success: A Vision for Clinical Trials

Budgeting, recruitment, time to activation--how will innovations addressing these and other clinical trial processes enhance your success? CCTS Director Dr. Robert Kimberly will lead a discussion focused on ways to increase clinical trial effectiveness, including peer financial prototypes setting new standards for cost effectiveness, recruitment methods to grow study portfolios and meet enrollment targets, platforms that speed time to activation for both PI and industry sponsored trials, and recommendations from the national Clinical Trials Transformation Initiative. Zoom available.

Feb. 11 | 4-5:30pm | PCAMS | [More](#)



### Accessing Clinical Data for Research with i2b2

This hands-on training will help investigators learn how to access de-identified patient data, check study feasibility, develop hypotheses, and more. Query 18 different data types for over 1 million patients. [Registration required](#). Attendees encouraged to obtain i2b2 access prior to training.

Feb. 12 | 1-3pm | LRC 210A | [More](#)



### UAB Center for Exercise Medicine Distinguished Lecture Series

Karyn Hamilton, PhD, UAB Professor of Health and Exercise Science and Director of Translational Research on Aging and Chronic Disease Laboratory, will discuss "Health Span Extending Interventions: Interactions and Energetic Tradeoffs."

Feb. 12 | 4-5pm | West Pavilion | [More](#)



### Case Studies in Mentoring: Establishing an Authorship Policy

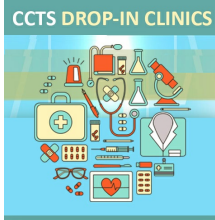
Bring your questions and concerns and join us as we explore the nuances of the mentor-mentee relationship. Our case-based discussions help participants discover new strategies to maximize the benefits of this career-enhancing skill. Open to investigators at any level from across the CCTS Partner Network.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

Feb. 13 | 11am-12pm | Shelby 318 | [More](#)

### CCTS Drop-In Clinics

Join us for the second Wednesday Drop-In Clinics for free consultations in Biostats, Epidemiology and Research Design (BERD). No appointment necessary. Bring laptop and study related questions.



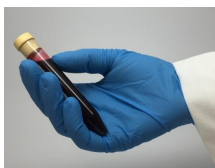


Feb. 13 | 11:30am-1pm | PCAMS | [More](#)



**Special Topics in Clinical Trials (Research Seminar Series)**  
Carolynn Jones, DNP, MSPH, RN, FAAN, Associate Professor of Clinical Nursing at UAB, will discuss "Diamond: A Researcher's Resource (What is Diamond? How to use Diamond?)." CMEs will be provided for this one-hour session. Zoom available.

Feb. 14 | 12-1pm | PCAMS | [More](#)



**12th Annual Boshell Diabetes and Metabolic Diseases Research Day**

The Boshell Diabetes and Metabolic Diseases Research Program at Auburn University is dedicated to improving the lives of all people with diabetes through world-class basic science investigation into the etiology and treatment of diabetes and other metabolic diseases.

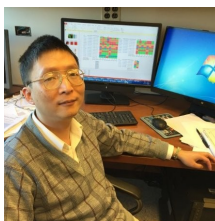
Feb. 15 | 7:30am-6:30pm | The Hotel at Auburn University | [More](#)



**CCTS Friday Fellows Meeting**

Tonette Krousel-Wood, MD, MSPH, Professor of Medicine and Epidemiology at Tulane University, will be our guest speaker. This meeting provides the opportunity for investigators, trainees, and others interested in population and health outcomes research to discuss best practices. Share your latest project in a supportive "discipline agnostic" environment; find new collaborators; develop foundational skills in study design, outcomes measurement, and evaluation; and practice critical "soft" career skills such as public speaking, networking, and providing/accepting constructive feedback. Zoom available.

Feb. 15 | 8-9:30am | PCAMS | Zoom Available | [More](#)



**Informatics Institute Powertalk Seminar Series**

Linyong Mao, PhD, Assistant Professor, Department of Biochemistry and Molecular Biology at Howard University, will discuss "Population Genomics and Gene Expression Data Analysis." Zoom available.

Feb. 15 | 10:15-11:30am | THT Vault | [More](#)

**Upcoming Events**

**FEBRUARY**

**CCTS Drug Discovery Seminar Series: How to Submit an IND**

Feb. 18 | 12-1pm | PCAMS | Zoom Available

**Case Studies in Mentoring: Fostering Independence**

*Registration requested, walk-ins welcome*

Feb. 20 | 11am-12pm | Shelby 318 | Zoom Available

### **CCTS Translational Training Symposium**

Feb. 20-21 | Intercontinental Hotel | New Orleans, LA

### **Southern Society for Clinical Investigation (SSCI) Southern Regional Meeting**

*Registration required*

Feb. 21-23 | Intercontinental Hotel | New Orleans, LA

### **CCTS Friday Fellows Meeting**

Feb. 22 | 8-9:30am | PCAMS | Zoom Available

### **Informatics Institute Powertalk Seminar Series: Keeping "Bio" in Bioinformatics: Optimizing Analytical Approaches to Support Biological Understanding**

Feb. 22 | 10:15-11:30am | Finley Conference Center

### **Alabama Brain Bee**

*Registration required*

Feb. 23 | 9:30am | UAB Campus

### **CCTS Drug Discovery Seminar Series: Assay Development and High Throughput Screening**

Feb. 25 | 12-1pm | PCAMS | Zoom Available

### **Case Studies in Mentoring: Promoting Professional Development**

*Registration requested, walk-ins welcome*

Feb. 27 | 11am-12pm | Shelby 318 | Zoom Available

### **Accessing Clinical Data for Research with i2b2**

*Registration required*

Feb. 28 | 1-3pm | LRC 210A

## **MARCH**

### **CCTS Friday Fellows Meeting**

March 1 | 8-9:30am | PCAMS | Zoom Available

### **6th Annual Rare Disease Genomics Symposium: Population Genomics**

*Registration required*

March 1 | 8am-3:45pm | Bradley Lecture Center | Children's of Alabama

### **Informatics Institute Powertalk Seminar Series: Gamification, Patient Reported Outcomes and Patient Based Metrics**

March 1 | 10:15-11:30am | Shelby 515 | Zoom Available

### **CCTS Drug Discovery Seminar Series: Intellectual Property in Drug Discovery**

March 4 | 12-1pm | PCAMS | Zoom Available

### **CCTS Friday Fellows Meeting**

March 8 | 8-9:30am | PCAMS | Zoom Available

### **CCTS Monthly Forum**

March 13 | 4-5:30pm | PCAMS | Zoom Available

### **CCTS Research Orientation Program**

*Registration required*

March 14 | 8am-12pm | PCAMS

### **CCTS Friday Fellows Meeting**

March 15 | 8-9:30am | PCAMS | Zoom Available

**Accessing Clinical Data for Research with i2b2**

*Registration required*

March 15 | 1-3pm | LRC 210A

**4th Annual CCTS Bioethics Forum**

*Registration Coming Soon! Walk-ins welcome*

March 18 | 9am-1pm | Medical Towers 634

**CCTS Drug Discovery Seminar Series: Medicinal Chemistry - From Hit to Lead**

March 18 | 12-1pm | PCAMS | Zoom Available

**CCTS Friday Fellows Meeting**

March 22 | 8-9:30am | PCAMS | Zoom Available

**CCTS Drug Discovery Seminar Series: Molecular Modeling**

March 25 | 12-1pm | PCAMS | Zoom Available

**CCTS Friday Fellows Meeting**

March 29 | 8-9:30am | PCAMS | Zoom Available

**Complete listing of CCTS events**