

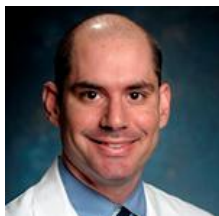
November 12, 2018



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?

CCTS Children's Health Research Unit (CHRU) Co-Director Steven Rowe, MD, MSPH, Director of the Gregory Fleming James Cystic Fibrosis Research Center at UAB, has announced a breakthrough in the development of treatment options for individuals with the genetic disease cystic fibrosis (CF). His research team, which includes CHRU investigators Drs. George Martin Solomon and Isabel Virella Lowell, found that combining two existing CF drugs--tezacaftor and ivacaftor--with an experimental compound, VX-659, improved lung function by more than 12 percent in CF patients compared to placebo. The triple-combination drug addresses two hallmarks of CF: correcting a folding defect in the CFTR protein, restoring proper shape, and activating the CFTR ion channel, which allows salts and other fluids to pass through airways more normally. Rowe, who co-led the international multisite study, said the new treatment could be a "game changer," providing therapeutic benefits, including easier breathing and greater quality of life, for 90 percent of all CF patients (including ~30% who have only one copy of the most common CF mutation, Phe508del, for whom two-drug modulators did not work). Large-scale Phase III studies required for FDA approval are already underway. If successful, the drug may help push the average life expectancy, currently 47, even higher. The team's findings appear in the **October 18, 2018, issue of *The New England Journal of Medicine***. Congratulations to Dr. Rowe and his colleagues. [More](#)

News/Announcements



CCTS Announces Call for Mentored Career Development Program (KL2) Letters of Intent

Are you a junior faculty member with a passion for translational research? Do you want to help reduce the burden of health disparities and diseases that disproportionately affect the underserved minority and special populations in the AL, LA, and MS region? If so, consider applying to become our next CCTS KL2 scholar. Applicants must commit to a minimum of 75% effort for two years, receiving expert mentorship, research experience, and salary, training, and travel support. Open to eligible CCTS Partner Network institutions. **Submit a Letter of Intent (LOI) by Friday, December 7, 2018.** [More](#)

CCTS Rocks Fall CTSA Meeting

Our CCTS team represented at the Fall CTSA Program meeting



held in Arlington, VA, October 22-23, 2018. From leading discussion on ways to further tap administrative talent to showcasing our innovation and impact at the poster session, CCTS was fully engaged and engaging throughout the two-day meeting. [More](#)



Last Call for Applications to CTSTP 2019--Add Translational Research Skills to Your CV

Become a translational thinker and increase your team science skills with our popular six-month **Clinical and Translational Science Training Program (CTSTP)**! This competitive, career-boosting opportunity is open to grad students, postdocs, or faculty from across the CCTS Partner Network. **Apply by 5:00pm TODAY, Monday, November 12, 2018.** [More](#)



Visit CCTS at CAMBAC Day

CCTS will cosponsor and exhibit at the 5th Annual Comprehensive Arthritis, Musculoskeletal, Bone, and Autoimmunity Center (CAMBAC) Research Day on Friday, December 7, 8am-4pm, at UAB's National Alumni House. The theme is "Regenerative Medicine in Arthritis and Musculoskeletal Disease." A poster session will be held to highlight research related to CAMBAC themes. Undergrad and graduate students, postdocs, clinical fellows, and residents are encouraged to **submit an abstract by November 30.** CAMBAC Day is free, but **registration is required.** [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](#)



CCTS Accepting Applications for CTSTP 2019

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Doris Duke Charitable Foundation Clinical Scientist Development Award

The Doris Duke Clinical Scientist Development Award provides grants to early-career physician scientists to facilitate their transition to independent clinical research careers. \$495,000 is the estimated maximum total value of the award. **The deadline to submit pre-proposals is November 28, 2018, at 2 pm.** [More](#)

Collaborative Program Grant for Multidisciplinary Teams (RM1) (Clinical Trial Not Allowed)



Designed to support highly integrated research teams of three to six PD/PIs to address ambitious and challenging research questions that are important for the mission of National Institute of General Medical Sciences (NIGMS) and are beyond the scope of one or two investigators. **Letter of Intent due December 25, 2018.** [More](#)



Apply for NCATS SBIR and STTR Funding Through the 2018 Omnibus Solicitation

NCATS recently released two new SBIR/STTR funding opportunities through the 2018 Omnibus Solicitation. Representatives of small businesses and research organizations focused on commercializing innovative medical technologies are encouraged to **submit applications to PA-18-574 and PA-18-575 by 5pm, Monday, January 7, 2019.** [More](#)



Immuno-Oncology Translation Network (IOTN): Cancer Immunoprevention Research Projects (U01 Clinical Trial Not Allowed)

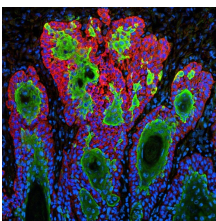
NIH has released two new FOAs associated with the Beau Biden Cancer Moonshot Initiative that is intended to accelerate cancer research. Specifically, these FOAs seeks to support the creation of a translational science network devoted exclusively to immunotherapy approaches to treat and prevent adult cancers. **Submit applications to RFA-CA-19-014 and RFA-CA-19-015 by 5pm, Thursday, February 8, 2019.** [More](#)



NATIONAL
CANCER
INSTITUTE

Immuno-Oncology Translation Network (IOTN): Cancer Immunoprevention Research Projects (UG3/UH3)

The purpose of this FOA, associated with the Beau Biden Cancer Moonshot Initiative, is to support UG3/UH3 Cancer Immunoprevention Phased Award Projects. Applicants responding to this FOA must apply for both the UG3 and UH3 phases together in a single application. **Applications due Monday, February 11, 2019 by 5pm local time.** [More](#)



Immuno-Oncology Translation Network (IOTN): Immuno-engineering to Improve Immunotherapy (*i3*) Centers (U54 Clinical Trial Not Allowed)

The purpose of this FOA is to develop Immuno-engineering to Improve Immunotherapy (*i3*) Centers, as new components of the IOTN. The *i3* Centers will be comprised of multi-disciplinary teams focused on developing and employing engineered immunotherapy approaches to design more durable, widely accessible, and less toxic immunoprevention and immunotherapy strategies. **Applications due Monday, February 11, 2019, by 5pm local time.** [More](#)

This Week's Learning Opportunities



2018 UAB Microbiome Symposium

Karen Nelson, PhD, President of the J. Craig Venter Institute, San Diego is this year's keynote speaker. The mission of this university-wide research pilot center is to establish an integrated microbiome research and education platform on campus enabling comprehensive studies of the human microbiome in health and disease. [Registration requested.](#)

Nov. 12 | 8:15am-4:30pm | UAB Alumni House | [More](#)

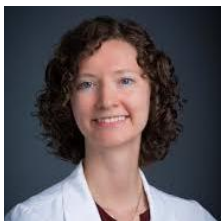
CCTS DROP-IN CLINICS



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.

Nov. 12 | 10am-2pm | Edge of Chaos | [More](#)



Department of Epidemiology Seminar Series

Rachel Lee, MD, Assistant Professor, UAB Department of Medicine, will discuss "Improvements of Bacterial Susceptibility to Fluoroquinolones After Implementation an Antimicrobial Stewardship Restriction Program: A Decade-Long Experience."

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



UAB Center for AIDS Research and UAB Department of Biostatistics Seminar

Andrea Norcini Pala, PhD, Chief Postdoctoral Fellow, HIV Center for Clinical and Behavioral Studies, New York State Psychiatric Institute and Columbia University, will discuss "The Application of Latent Class Analysis (LCA) to Study Intersectionality." **RSVP requested.**

Nov. 14 | 10:30am-12:00pm | Edge of Chaos | [More](#)

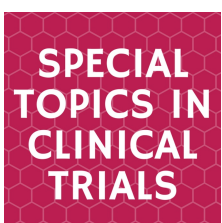
CCTS DROP-IN CLINICS



CCTS Drop-In Clinics

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

Nov. 14 | 11:30am-1pm | PCAMS | [More](#)



Special Topics in Clinical Trials (Research Seminar Series)

The CCTS Clinical Research Support Program team will present a "How to Consent Workshop." CMEs will be provided for this one-hour session. Zoom available.

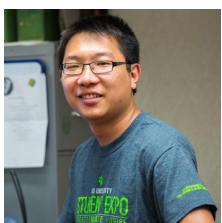
Nov. 15 | 11:30am-1pm | PCAMS | [More](#)



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

Nov. 15 | 1-3pm | LRC 210A | [More](#)



Informatics Institute PowerTalks Colloquia

Yichao Li, PhD, Research Assistant at Ohio University School of Engineering and Computer Science, will discuss "From Linear Organization to the 3D Genome Architecture."

Nov. 16 | 10:15-11:30am | Shelby 105 | [More](#)

Genetics and Genomics Seminar Series

Robert P. Kimberly, MD, Director of Center for Clinical and



Translational Science, will discuss "Structural Variations of the Immunoglobulin Receptors and Clinical Phenotype."

Nov. 16 | 12-1pm | Finley Conference Center | [More](#)

Upcoming Events

NOVEMBER

Research Orientation Program

Registration required

Nov. 29 | 8am-12pm | PCAMS

Informatics Institute PowerTalks Colloquia: Investigating the Use of Patient Attributes to Predict False-Positive Medical Alerts

Nov. 30 | 10:15-11:30am | Shelby 105

DECEMBER

From Gene to Therapy: An ASHG-AJHG Webinar

Registration required

Dec. 4 | 12-1pm | Webinar

5th Annual Comprehensive Arthritis, Musculoskeletal, Bone, and Autoimmunity Center (CAMBAC) Research Day

Regenerative Medicine in Arthritis and Musculoskeletal Disease

Dec. 7 | UAB Alumni House

Informatics Institute PowerTalks Colloquia: Quality Improvement with CDW Mining, Graph-Network Analysis & Visualization: The INFECTALYTICS Project

Dec. 7 | 10:15-11:30am | Shelby 105

Informatics Institute PowerTalks Colloquia: The UAB Undiagnosed Diseases Program: Bioinformatic Applications in Rare Disorders

Dec. 14 | 10:15-11:30am | Shelby 105

Training Interdisciplinary Emerging Research Scholars (TIERS): Academic Writing: Five Tips for Success

Registration requested

Dec. 14 | 11am-12pm | PCAMS | Zoom Available

JANUARY

2019 Conference on Bioethics Issues in Minority Health and Health Disparities Research

Effective Health Care and Inclusion: Growing the Next Generation of Researchers for Bioethics, Biomedical, Behavioral, and Health Disparities Research

Registration required

Jan. 23-25 | Tuskegee University

[Complete listing of CCTS events](#)