

### CTSA Competitive Renewal Submitted

On May 25, 2018, the CTSA competitive renewal was submitted. This 2176-page electronic submission included the elements of the previous application in a format that was like our last renewal application submitted in January 2015. The process began last fall and we worked steadily over the ensuing months before submission. There was a writing team that consisted of captains responsible for each of the sections (lead) including: Overall (J Heubi), Administrative Core (S Cronin/J Kues), Informatics (P White) Community and Collaboration (J Kues), Research Methods (M Macaluso), Hub Capacity (J Heubi), Translational Endeavors (E Haynes), Network Capacity (B Kissela), Optional Functions (E Hall/L Muglia and M. Seid, KL2 (J Kahn) and TL1 (M Zeller). Literally this was a village effort with the leaders of each of the Cores contributing as well as staff from both within and exterior to the CCTST offices. Before final submission, we employed an editor to help to harmonize the contents of the application. The theme of the application was Learning Healthcare Systems which focusing on the functions of each of the Cores. With this application, we submitted an Optional Function related to Learning Health Systems led by Michael Seid and the newly proposed TL1 led by Meg Zeller. We will keep the membership posted regarding the progress of the review of the application with the hopes that we will continue our funding uninterrupted for 5 years starting on April 1, 2019.



### CCTST Grand Rounds Announcement



Join us for July 20<sup>th</sup> CCTST Grand Rounds with dr. Abel Kho, MD.

**Dr. Abel Kho MD** is Associate Professor of Medicine and Preventive Medicine in the Feinberg School of Medicine at Northwestern University. He is also Director of the Center for Health Information Partnerships (CHIP [www.healthinformationforall.org](http://www.healthinformationforall.org)). He has served as PI for several regional or national projects including the ONC funded Chicago Health IT Regional Extension Center ([www.chitrec.org](http://www.chitrec.org)), the PCORI funded Chicago Area Patient Centered Outcomes Research Network (<http://capricorncdm.org/>), and the AHRQ funded Health Hearts in the Heartland consortium (<http://www.healthyheartsintheheartland.org/>) within the EvidenceNOW initiative. His research focuses on developing regional Electronic Health Record (EHR) enabled data sharing platforms for a range of health applications including high throughput phenotyping, cohort discovery, estimating population level disease burden, and quality improvement.

### Update: Acute Care Research Council (ACRC)

Were you aware that our CCTST has had a focus on Acute Care Research? This is an area where we have broad expertise across the Academic Health Center, and thus, Acute Care Research was one of our Optional Modules in the current grant cycle. You can learn more about this module at <https://cctst.uc.edu/acrc>.

The Acute Care Research Council (ACRC) is a high-impact collaboration of acute care research professionals across the CCTST member institutions, which has been meeting regularly since 2015. We have defined core competencies for CRCs who work in this area and set up an online repository of regulatory documents (created by our [Acute Care Research Regulatory Professionals Group](#)). The ACRC is the most comprehensive Academic Health Center-based collaboration of acute care researchers in the nation.

Our External Advisory Committee was so impressed with this effort that they suggested making Acute Care Research a permanent core within the CCTST. As such, we are moving forward and will soon offer consultations for investigators interested in acute care research. We can provide project management assistance, as well as help with thinking about the logistical issues unique to the acute care setting, including regulatory, consenting/ accrual, lab/imaging, pharmacy, etc. More information will

### Design Thinking Research Awards

The CCTST and [Live Well Collaborative \(LWC\)](#) jointly fund the [Design Thinking Research Awards](#) to support studio projects that tackle an identified healthcare challenge. LWC utilizes design thinking tools and a "co-creation" model with stakeholders (e.g., patients, parents, clinicians) to develop innovative products or services. The studio structure facilitates development of ideas that are actionable and implementable. Our most recent projects include:

#### Comprehensive Sibling Support: Empowering Siblings Changes Outcomes

**Team:** Kate Shamszad, Dawn Nebrig, Laura Monhollen, Megan Elam

**When:** Winter 2018

**Opportunity:** LWC was tasked to improve understanding of the experiences of siblings and families, to then inform the development of services and programs that will meet those identified needs.

**Impact:** A comprehensive sibling needs assessment was created that included five key areas of focus for future program and service development.

#### Compassionate Design: Improving the space and processes associated with a child's death

**Team:** Rachel Thienprayoon, MD, Mellisa Mark, MD, Daniel Grosseohme, DMin, and Julie Fugazzi

**When:** Fall 2017

**Opportunity:** LWC was tasked to improve the end of life (EOL) experience for patients, families, and staff at CCHMC. The LWC team was asked to design a new patient- and family-centered, culturally sensitive process and space for EOL and postmortem care.

**Impact:** Spatial considerations and six concepts were created and refined. These concepts and considerations were crafted to not only help empower parents and humanize the EOL process, but also to accommodate the emotional needs of staff and the work flow at the hospital.

#### Optimal Anesthesia Intervention

**Team:** Abby Hess, Anna Varughese, John Brophy, Lauren Hill

**When:** Spring 2017

**Opportunity:** LWC was tasked to create a fun, interactive, and sustainable method for providing distraction to children during the anesthesia induction process. The innovation should have the potential to expand to other demographics and other healthcare facilities in the future.

**Impact:** The team presented a thorough analysis of the anesthesia induction process and revealed the final concepts that were developed as interventions for the hospital. Functional prototypes of an app and breathing device were created.

**Stay tuned for an announcement this summer about Spring 2019 projects! Letters of Intent will be due August 20<sup>th</sup> for projects starting in January 2019.**

### CCTST Funding Opportunities Available

See deadline and descriptions below.

#### Next Just-in-Time Core Grant Deadline June 29th

The CCTST Just-In-Time (JIT) grant mechanism enables investigators to use participating UC or Cincinnati Children's core facilities to obtain critical preliminary data for submission of a competitive extramural proposal, patent application or commercialization agreement.

The program's next deadline is **June 29, 2018**. Investigators may apply for up to \$7,500 annually for core services that would directly facilitate the submission of a new or revised application for extramural funding. JIT funding must be spent within the fiscal year awarded (by June 30, 2019).

Other restrictions apply

Need assistance with your clinical/translational research project?

[CCTST membership](#) (free of charge) is required for service. Already a member? [Log in from our home page](#) and click "Request Assistance with Your Research Project."

Please read the [policy regarding access to Research Central](#) for complete details on eligibility.

#### Other Events of Interest

[Please visit the CCTST calendar of events to register for events.](#)

**June 26, 8-9 AM. Introduction to REDCap.** Cincinnati Children's Location T11.336. Registration required. Please see the CCTST calendar of events to register.

**June 28, 2-4 PM. REDCap Project Management and Design.** Cincinnati Children's Location T8.334. Registration required.

**June 29, 3-4 PM. REDCap Workshop.** Review how to build, optimize or start your REDCap project. Cincinnati Children's Location T4.121. Registration not required.

**July 3, 11-12 PM. Introduction to REDCap.** Cincinnati Children's Location T8.334. Registration required. Please see the CCTST calendar of events to register.

**July 10, 11-12 PM. Introduction to REDCap.** Cincinnati Children's Location T8.334. Registration required.

**July 12, 2-4 PM. REDCap Project Management and Design.** Cincinnati Children's Location T8.332. Registration required.

**July 13, 2-3 PM. REDCap Workshop.** Review how to build, optimize or start your REDCap project. Cincinnati Children's Location T6.121. Registration not required.

**July 20, 12-1. CCTST Grand Rounds. Dr. Abel Kho, MD** Director, Center for Health Information Partnerships (CHIP) Northwestern University

**July 26, 2-4 PM. REDCap Project Management and Design.** Cincinnati Children's Location T8.332. Registration required.

**July 30, 11-12 PM. Introduction to REDCap.** Cincinnati Children's Location T8.334. Registration required.



Questions or comments? [Contact us.](#)

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