

First i2b2 \$1000 Abstract Award Ceremony

March 1, 3:45-5PM, Finley Conference Center

In Fall 2017, researchers and trainees across the UAB campus searched i2b2, UAB's clinical data repository, for de-identified data on patients treated in the UAB Health System to answer important biomedical research questions. The abstracts describing their work were submitted to a panel of national experts in a competition for cash prizes up to \$1000.

On Thursday, March 1st, the UAB Informatics Institute and the Center for Clinical and Translational Science will host a symposium and awards ceremony to present the best of the submissions and announce the winners of the \$1000 grand prize and two \$500 runner-up prizes. A highlight of the event will be a presentation by Dr. Shawn Murphy, one of i2b2's inventors from Partners Healthcare and Harvard University, who will speak on how your research can succeed with i2b2.

So come join us to learn more about i2b2, hear about innovative research derived from the re-use of UAB data, celebrate the achievements of your fellow scientists, and enjoy some light refreshments.

i2b2 (Informatics for Integrating Biology and the Bedside) is an NIH-funded National Center for Biomedical Computing based at Partners HealthCare System. i2b2 was developed as a scalable informatics framework designed for translational research, providing summary data for population studies and cohort estimation, as well as de-identified patient-level data sets for deeper analysis and research subject recruitment.



Shawn Murphy, MD, PhD is the Chief Research Information Officer at Partners HealthCare, is a Professor of Neurology at Harvard Medical School, and serves as Associate Director for the Laboratory of Computer Science at the Massachusetts General Hospital. Dr. Murphy has created high impact and widely accepted open source projects, including i2b2, that focus on the integration of highly diverse phenotypic, imaging, and genomic data such that new discoveries can be visualized and produced from secondary use of routinely collected healthcare data and be applied to new methods of providing clinical decision support in a learning healthcare system.

The [Informatics Institute \(I2\)](#) provides a home for focusing biomedical informatics activities in the UAB School of Medicine. The Institute comprises core and affiliated faculty and staff with expertise across the biomedical informatics spectrum, including bioinformatics, computational and systems biomedicine, translational informatics, clinical research informatics, and clinical informatics. We lead and conduct research at the intersection of informatics, mathematics, data and systems science, biology and medicine, to develop new approaches, techniques, tools, and models that aim at solving



problems relevant to human health and disease, including biomedical discoveries, assisted diagnosis, development of treatments, and novel therapeutics. We also contribute our expertise to facilitate medical, biomedical, and translational research at UAB and around the world, offer educational programs at the undergraduate and graduate level, and coordinate Informatics-related efforts with other UAB initiatives, most notably the Center for Genomic Medicine, the Personalized Medicine Institute, and the Center for Clinical and Translational Science.



The [Center for Clinical and Translational Science \(CCTS\)](#) is here to sharpen your science by facilitating all of the processes that support research and innovation. As needs arise—for a program, resource, collaboration, or conversation—we create solutions to help meet them. We strive to be flexible, efficient, and effective in helping you work through the details of your projects, every step of the way. Your science should be inspiring. The CCTS is funded by a Clinical and Translational Science Award (CTSA) from the National Center for Advancing Transactional Sciences, National Institutes of Health, and grant UL1TR001417. We are one of 62 CTSA programs nationwide and the only CTSA in Alabama. Established in 2008, the CCTS Partner Network, which spans 11 academic research institutions in three Deep South states (AL, MS, LA), is the foundation of our collaborative efforts.

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