

THE FAIRBANKS INSTITUTE FOR HEALTHY COMMUNITIES
Request for Applications
BIOLOGICAL SAMPLES with LONGITUDINAL EHR DATA for RESEARCH
Application Receipt Deadline: Friday, August 15th, 2014 by 4:00 PM

The Fairbanks Institute for Healthy Communities (Fairbanks Institute), a non-profit organization and the Indiana Clinical and Translational Science Institute (CTSI) requests submissions of project applications for research use of bio-specimen with longitudinal electronic medical record data. This application is designed to promote research studies using the Fairbanks Institute's samples. Only bio-specimen will be made available. *Requests for other resources are not permissible.*

General Background: The Fairbanks Institute for Healthy Communities (Fairbanks Institute) has created an extensively annotated bio-specimen repository for hypothesis-driven research. These biological samples are linked with longitudinal clinical and disease-specific health records information drawn from the Indiana Network for Patient Care (INPC), a state-wide electronic clinical data repository. The INPC link has enabled the Fairbanks Institute to connect bio-specimens drawn at a point in time or over time with active patient medical record information thereby creating a longitudinal view of the subject's disease progression, interventions, and outcomes.

The Collections: Fairbanks Institute's collection consists of samples from two disease based study collections which are the coronary artery disease (CAD) collection and the type II diabetes (T2D) collection.

CAD: The Fairbanks Institute's CAD collection includes serum and plasma, from 724 individuals with a diagnosis of coronary artery disease as well as from 360 matched controls (1084 total). A comprehensive case report form of information collected from the medical chart as well as self-reported information was collected at each visit and is associated with each sample. All subjects were consented to allow for broad, unspecified future research use of their samples. Thus, broad based biomedical hypotheses can be addressed using these samples.

T2D: The Fairbanks Institute's T2D collection includes serum and plasma from 590 individuals with a diagnosis of type II diabetes as well as from 292 matched controls (882 totals). This collection also contains serial samples from 471 participants who had their blood drawn two years after the initial enrollment into the study. Again, a comprehensive case report form of information collected from the medical chart as well as self-reported information was collected at each visit and is associated with each sample. All subjects were consented to allow for broad, unspecified future research use of their samples. Thus, broad based biomedical hypotheses can be addressed using these samples.

Cost of Samples: Samples will be provided free of charge to qualified investigators.

Eligibility: All full-time faculty members, regardless of tenure status, having a primary appointment at an Institute with an NIH Clinical and Translation Science Award (CTSA) are eligible to apply.

Application Guidelines: *Proposals are requested using the 2-page form from the [ICTSI grant website](#).* The submission must include a current maximum 4-page NIH biosketch. Deadline for receipt is Friday, August 15th, 2014 at 4:00 PM.

Application Review: All applications will be internally evaluated by the Fairbanks Institute Steering Committee for valid scientific hypothesis and the sample size and compliance with requirements and formats.

Please send a pdf version of the application to ictsi@iu.edu by the deadline. For questions, please contact: Anne Nguyen (annnguye@iu.edu) or Brooke Patz (bpatz@iu.edu).