

## CCTS Summary Activities

The Evaluation and Tracking team for the University of Illinois at Chicago (UIC) Center for Clinical and Translational Science (CCTS) program is led by Timothy Johnson, Professor of Public Administration and Director of the Survey Research Laboratory, and Eric Welch, Associate Professor of Public Administration and Director of the Science, Technology, & Environment Policy Lab. Team members include, Pankaja Desai, Mary Feeney, Priyanka Nasa, Jessica Hyink, Cedric Williams, MyoungJin Lee, and Kyungwoo Lee.

The team takes a comprehensive and multifaceted evaluation strategy to assess the continuing success of the CCTS. The evaluation approach emphasizes both short-term and intermediate strategies for providing feedback to senior leadership and programs and services for effective decision-making.

The team collects monthly indicators of progress across all CCTS program components. Each indicator is associated with a specific element of a theoretically driven logic model that underlies each component of CCTS operations. The team also collects and analyzes intermediate-term (i.e., annual) indicators of the development and evolution of research collaboration networks at UIC and the impact CCTS has had upon these. Third, the team is developing case study evaluations designed to assist CCTS leadership in effectively managing the continued development and operations of CCTS.

The research team employs a logic model paradigm to guide and implement the evaluation of the CCTS, collecting administration data and survey data to assess CCTS activities and progress. Some of the data elements are listed in table 1:

**Table 1. Summary of Evaluation and Tracking Measures**

DATA TYPE	EXAMPLE INDICATORS
<b>ADMINISTRATIVE DATA ELEMENTS</b>	
Academic productivity data	<i>Publication counts, journal impact ratings, conference presentations, peer review scores, NIH &amp; other grants submitted &amp; awarded</i>
Community participation data	<i>Patient recruitment &amp; retention rates (by demographics), attendance at community-centered research activities, counts of collaborative research teams</i>
Educational products data	<i>Counts of lectures, workshops, courses, &amp; CE opportunities developed for CCTS</i>
Educational services data	<i>Students &amp; postdocs admitted, active mentoring relationships, counts of students/faculty attending seminars, lectures, etc., counts of pre/postdocs admitted/graduated, students receiving program support, graduation rates, amounts of resources &amp; protected time available to postdocs</i>
IRB performance data	<i>IRB approval statistics, average time between submission &amp; approvals (by protocol type), counts of adverse events identified/reported</i>
Service utilization data	<i>Numbers &amp; hours of consultations provided, numbers of studies supported, counts of clinical services provided, pilot grant funding</i>
Social network data	<i>Collaborative papers published, collaborative grants submitted, new collaborations formed, counts of inter-institutional &amp; inter-disciplinary collaborations</i>
Translational product data	<i>Counts of faculty inventions, patent applications submitted, pending &amp;</i>

	<i>awarded to faculty, technologies externally licensed.</i>
Web usage data	<i>Web page &amp; database usage statistics</i>
<b>SURVEY DATA ELEMENTS</b>	
Clinical trials tracking surveys	<i>Periodic interviews with clinical trials investigators to track protocol progress.</i>
Community/stakeholder feedback surveys	<i>On-line resource satisfaction &amp; assessment ratings</i>
Faculty/investigator feedback surveys	<i>Reported barriers to collaboration minimized, quality improvement monitoring program satisfaction &amp; assessment ratings, peer mentor/mentee satisfaction &amp; assessment ratings</i>
Research participant feedback surveys	<i>Participant satisfaction &amp; assessment ratings</i>
Staff/Academy member feedback surveys	<i># Academy members using on-line research network</i>
Social network data	<i>Reports of collaborative relationships established</i>
Student feedback surveys	<i>Course satisfaction &amp; assessment ratings, exit evaluations/feedback</i>
<b>QUALITATIVE CASE STUDY DATA</b>	
Unstructured/Semi-structured interviews	<i>Identification of effective/ineffective elements of each CCTS service operation</i>