

Tracking and Evaluation on the Individual and Enterprise Level

Presenters: Washington University Institute of Clinical and Translational Sciences Tracking & Evaluation team: WU ICTS Administrative Core, WU Clinical Research Training Center, WU Center for for Public Health Systems Science, and Bernard Becker Medical Library

This workshop will discuss activities and approaches involved with tracking and evaluation activities of large complex academic enterprises, including Clinical and Translational Science Awards (CTSA). The content of this workshop will be of relevance to anyone interested in evaluation activities on the individual or group level and can be applied to the evaluation of any entity, large or small. Topics to be discussed include data collection (including sources and metrics), analyses and approaches, dissemination activities, and impact.

Objectives: Upon completion of this workshop, attendees should be able to:

- Understand the activities related to, and be aware of the tools/logistics for, assessing research productivity
- Have a better understanding of evaluation activities for groups or individuals anywhere along the academic career trajectory, from scholars to tenured faculty
- Understand data sources and how they can be leveraged in assessment of impact and research discovery
- Develop an understanding of how to tell the story of research impact
- Have a better understanding of strategies to enhance research impact
- Be aware of significant efforts related to CTSA evaluation, including metrics and C4 Consortium activities
- Develop best practices for their own evaluation efforts

Audience: The content of this workshop will be of relevance to anyone interested in evaluation activities on the individual or group level and can be applied to the evaluation of any entity, large or small. While the examples discussed in this workshop will focus upon Clinical and Translational Science Award (CTSA) evaluation activities, the lessons learned can be applied on the individual, department, research center, and institution level. Participants will be introduced to tips, tricks, and best practices learned by the instructors in their work with the WU ICTS.

Outline:

TOPIC	DESCRIPTION
Introduction and background	Introduction to evaluation of a large research entity
Data	Data types and sources (institutional/beyond)
Metrics	The 15 Metrics from the Evaluation KFC ; strategies for addressing metrics, including data collection and mapping metrics to ongoing and planned activities
Publication data collection/capture	Discussion of publication data resources, publication data elements, and publication data capture.
Publication data analysis	Discussion of publication data metrics related to productivity and influence/impact.
Data visualization and analysis	Tools used, data types, data preparation, ways to apply SNA
Scholars and Trainees	Scholar and Trainee tracking
NIH public access policy	Discussion of the NIH Public Access Policy for NIH-funded research.
Dissemination	Tools for dissemination (e.g., websites, dashboards as a vehicle for dissemination)
Research Impact	Discussion of research impact and introduce a framework for identifying indicators that demonstrate impact and “success stories,” i.e. meaningful health outcomes
Roundtable sharing	Group discussion with others to facilitate knowledge exchange

Instructional approach and proposed materials for the workshop: This workshop will be a combination of **Lecture, Slides, Discussion, Brainstorming, and Sharing/Self-disclosure**. Materials will be emailed to registrants in advance of the training session.