



Center for Public Health Systems Science

Brown School

cphss.wustl.edu

PRACTICUM OPPORTUNITY

Project: **Translational Science Benefits Model**

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Symplicity Job #27515

Project Overview

Researchers from the Institute of Clinical and Translational Sciences (ICTS) at the School of Medicine and the Brown School at Washington University in St. Louis have created a new framework that public health and clinical scientists can use to measure the broader social and health impact of their work. The model identifies benefits of clinical and translational research in four areas:

- Clinical and Medical Benefits (Procedures, guidelines, tools, and products)
- Community and Public Health Benefits (Health activities, care, and promotion)
- Economic Benefits (Commercial products, financial savings and benefits)
- Policy and Legislative Benefits (Advisory activities, policies and legislation)

The TSBM is currently creating and piloting a set of tools and resources to accompany the framework that researchers can use to integrate impact throughout the research process. This will allow researchers to plan for, track, and demonstrate translational benefits of their work for specific projects or over the course of their careers. The tools are primarily designed for research teams but could also be used by administrators, evaluators, funders, institutional leaders, and community partners to plan for and communicate about impact.

Summer/Fall Semester 2021 Practicum

The practicum opportunity for this project involves assistance by an MPH or MSP student in **developing a resource library of impact examples and drafting case studies of clinical and translational research benefits and impact in the four domains above**. The student will conduct a search of academic and grey literature for examples of the societal and health impacts of clinical and translational research and develop a set of 2-3 examples for each TSBM indicator. The student will also be responsible for developing case studies of recent research impacts, in coordination with the research teams. The examples and case studies will be posted on the TSBM website to guide researchers in understanding how to apply the TSBM to their work. The following activities will need to be completed in coordination with the team's project coordinator:

1. Conduct a literature search for examples of research impact
2. Synthesize literature search findings into impact examples for each of the 30 TSBM indicators
3. Work with researchers to draft case studies on the health and social impacts of clinical and translational research
4. Write and edit content for the TSBM website and other related activities



Washington University in St. Louis

Practicum Learning Objectives

To attain experience in conducting literature searches and drafting case studies and to develop an understanding of translational research and its role in connecting research to practice/policy.

Practicum Deliverables

- Impact examples repository, published on TSBM website
- At least 2 case studies, published on TSBM website
- A presentation to Center staff regarding the repository and lessons learned.

Qualifications

1. Experience conducting a literature search and synthesizing findings for a variety of audiences (e.g., academic and community)
2. Excellent verbal and written communication skills
3. Interest in the translation of academic research into real-world impact, especially public health research impacts

If interested, please contact **Stephanie Andersen, sandersen@wustl.edu**.