



Understanding the Evolution of CTSA Training and Education Programs

**Seyedehfatemeh Hamedani; Yasheca T. Ebanks MS and
Barbara Tafuto MLS PhD**

A key component for funded recipients of Clinical and Translational Science Awards (CTSA) are the training and education programs. Each CTSA hub offers a diverse approach to train the next generation of professionals interested in clinical and translational science (CTS). Understanding the evolution of training offerings can provide insight to paradigm shifts within the development of the CTS workforce needs and goals. The objective of this project was to evaluate an inventory of training programs and identify trends from 2021 to 2022.

Consortium websites were searched using CTSA Search Solutions (Search CTSA Hubs - CTSA Search Solutions (rutgers.edu) to identify training and education programs which were categorized into 5 themes: basic, community engagement, experiential, scholarly & certificate, and post/graduate training offerings. A comparison was conducted between the current offerings identified in 2022 with those identified in the 2021 NJ ACTS Educational Inventory. Descriptive statistics were used to understand trends related to how often training programs were removed and replaced and in what categories. Within the themes that were analyzed, 81% of basic, 91% of community engagement, 84% Experiential, 89% of Scholarly & Certificate, 89% of Post/Graduate offerings remained consistent from 2021-2022. A notable point is 8% of the hubs had one expired or out-date program. The hubs with the most changes came from Duke -28, John Hopkins-14, Northwestern-10, Tufts-9 and University of MIAMI-8.

Trends in training and education seem to indicate fewer changes than expected. There was a clear growth of program updates coming from a small group of CTSA hubs which have a history funding for greater than 9 years. Using CTSA Search Solutions to access the hubs assisted the accuracy and validity of the findings.

