leaders will have a tool to clarify intent and gain consensus as to which LHS model they want to implement and invest in.

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myRESEARCHpath: an interactive roadmap for navigating research process, resources, and policies at Duke University

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OBJECTIVES/GOALS: In 2021, Duke University expanded the myRESEARCHsuite (MRS) of research support services with the launch of myRESEARCHpath (MRP), an interactive roadmap for navigating the project lifecycle. MRP integrates with the existing MRS services, which include a personalized research portal (myRESEARCHhome) and team of experts (myRESEARCHnavigators). METHODS/STUDY POPULATION: MRP was developed as a collaborative effort to centralize essential research-related information across Duke University into one location. MRP provides a web-based platform to integrate policies, processes, and resources from over 40 research support offices, organized into topic-based pages throughout the project lifecycle. Each topic-based page provides integrated guidance, categorized related resources, and contact information for personalized support from subject matter experts. Additional features of MRP include a curated search function, and filters that refine the topic-based pages and related resources to only those applicable to selected project inclusions and organizational unit. RESULTS/ANTICIPATED RESULTS: Since the launch of MRP in January 2021 through the third quarter of 2021, 5,947 unique users accessed MRP for a total of 17,452 sessions. The most commonly accessed topic-based pages during this time period were: Activity disclosures (Other Support and Current and Pending) – 3,231 pageviews Animal welfare – 1,882 pageviews Proposal review and submission – 1,306 pageviews NIH research grants (R series) – 686 pageviews Proposal planning – 669 pageviews The most frequently searched terms (including spelling variants) were Other Support, Biosketch, NIH, and no-cost extensions. DISCUSSION/SIGNIFICANCE: This data suggests users are accessing MRP for guidance on new or recently updated requirements. Maintaining clear, unified, and current site content should be prioritized to continue emphasizing MRP as a central location for research-related information. Duke also plans to explore further integration of MRP with the other MRS services.

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The Research Unit Network (RUN) as a Learning Research System

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OBJECTIVES/GOALS: CTRUs support clinical research. RUN is a Learning Research System that is created to enhance CTSA and non-CTSA research units capacity through implementing, assessing, and disseminating discoveries in methods, approaches, education, and training in clinical and translational science. METHODS/STUDY POPULATION: The RUN association began in July 2018 with eight universities. The association has grown to 44 hospitals, research, and academic institutions (including 36 CTSA institutions). A RUN Discussion Forum has been approved by the National Center for Advancing Science (NCATS) and utilized by RUN. The Discussion Forums are created with the goal of advancing CTSA Program objectives in high priority areas of clinical and translational science. RUN actively engages members through in depth scheduled monthly meeting discussions with various relevant topics regarding the development and evaluation of clinical trials metrics, benchmarks, and scholarly publication and presentation activities. RESULTS/ANTICIPATED RESULTS: Topics covered in RUN monthly meetings include research units general budget guidelines, staff recruitment and retainment strategies, EPIC use in scheduling CRU research visits, and PPE for investigational drugs in context of USP800 requirements. RUN members vary in geographic location, type of clinical research (outpatient vs inpatient), resources, and research subject volume. They are engaged in online discussion and learning opportunities to improve translational science practices. A recent article titled "Impact of COVID-19 on Clinical Research Units (CRUs)" in JCTS is an example of best practices learned by RUN members and shared with the broader research community. DISCUSSION/SIGNIFICANCE: RUN as a Learning Research System enhances clinical and translational research unit capacity and efficiency, encouraging collaboration to contribute with improving public health. This network is aligned with the CTSAs mission of developing innovative solutions to improve translational science.

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CTSA Search Solutions

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OBJECTIVES/GOALS: CTSA Search Solutions (https://ctsa-search.rutgers.edu/search/) is a database that allows users to systematically conduct structured searches among the 60+ CTSA hub websites for information related to NCATS goals and CTSA hub activities. It was created with the objective of providing a novel process to evaluating and benchmarking CTSA hubs. METHODS/STUDY POPULATION: The CTSA Search Solutions database is an information tool that includes structured search terms relating to 3 main CTSA categories: NCATS goals, CTSA activities, and COVID 19 information. Subcategories from these topics were also identified and organized. Each CTSA hub website was systematically searched for content related to each of the identified terms and categories. The uniform resource locator (URL) for the primary webpage that provided content for each term was collected and stored in the CTSA Search Solutions database for user friendly access. URLs are validated monthly for changes or discrepancies. RESULTS/ANTICIPATED RESULTS: The final database includes access to 63 CTSA Hub websites with 89 structured search term options and over 800 links collected, organized, and published. Hub content can be searched by state, region, or even hub age to make detailed comparisons with the data identified. The CTSA Search Solutions tool allows researchers, administrators, evaluators, and community partners to find the needed links, to learn about specific CTSA hub program highlights as well as conduct research into program hub outputs and best practices across the nationwide CTSA continuum. DISCUSSION/SIGNIFICANCE: On the most practical level, CTSA Search Solutions has the potential to help hub evaluators identify the content of hubs in their first cycle compared to those in their 3rd Cycle. It can help core leads determine common best practices.

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