

42 UgS, and 21 GS) from 9 institutions. Presented 38 oral/poster presentations (27 PiPs, 11 Collaborators) and published 4 peer-reviewed publications. **DISCUSSION/SIGNIFICANCE OF IMPACT:** The project strengthened CTR research/education through CRESCO facilities, consultations, and training. The INTD 5998 course, APHS orientations, and PiP teams (from diverse campuses/institutions), expanded participation and hands-on experience, yielding presentations, publications, UgS seeking graduate studies, and real-world impact.

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Methods and datasets: Products from the National Research Mentoring Network Phase II Coordination Center

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OBJECTIVES/GOALS: From 2019 to 2025, the National Research Mentoring Network (NRMN) Coordination Center sought to facilitate the collective impact of the 11 NRMN Phase II research studies. Through the building and fostering of community and coordinating research, we sought to support the NRMN research teams in their collective efforts. **METHODS/STUDY POPULATION:** We worked with the 11 NRMN Phase II research studies, who in turn worked with a diverse group of researchers, from undergraduate to faculty, across the country. **RESULTS/ANTICIPATED RESULTS:** We here present the two major products that arose from our work as a coordination center. The first, the NRMN data site, holds a measurement library and information for all the common measures used across the 11 NRMN Phase II research studies. Additionally, we summarize and present a book published on the lessons learned by our coordination center. **DISCUSSION/SIGNIFICANCE OF IMPACT:** The NRMN data site serves as a powerful tool for those wishing to further explore the NRMN Phase II common data, one of the largest datasets available on biomedical research training and professional development. Our lessons learned book is an important reference for those wishing to replicate and run similar coordination centers in the future.

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Increasing the Clinical Research Coordinator Workforce through Implementation of a comprehensive training program across the IDeA State Consortium for Clinical Research (ISCORE)

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OBJECTIVES/GOALS: To meet the shortage of trained clinical research personnel, the IDeA State Consortium for Clinical Research Resource Center (ISCORE-RC) developed the Clinical Research Coordinator Development Program (CRCDP). This comprehensive program addresses themes previously identified as challenges to clinical workforce professional development. **METHODS/STUDY POPULATION:** CRCDP is offered at 13 academic medical centers in IDeA states and is designed to train clinical research professionals who have minimal or no prior experience in clinical research coordination. This comprehensive training comprises the following core components: Didactic Learning, Competency-Based Experiential Learning, Objective Competency Evaluation, Mentorship, and Continued Professional Development. Trainees complete > 400 hours of experiential learning. Each trainee is paired with one or more designated preceptors who evaluate and verify proficiency in 28 essential clinical research skills. To ensure successful implementation and institutional engagement, each site designates a program champion responsible for promoting program adoption and local execution. **RESULTS/ANTICIPATED RESULTS:** Launched in March 2024, the CRCDP has received 171 certificate applications, accepted 114 trainees, and graduated 60 trainees. The anticipated results of this project will include outcome findings from post certificate structured interviews that describe impact of CRCDP components on continuation of research and trainee perceptions of value provided by the various program components. **DISCUSSION/SIGNIFICANCE OF IMPACT:** Availability of trained CRCs is limited and a barrier to expansion of clinical trials in IDeA states. ISCORE-RC is addressing this workforce development gap through an innovative program. Programmatic data will provide insight and better understanding of the facilitators of program implementation and impact on clinical research infrastructure.

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A landscape analysis of mentoring programs for clinical research professionals

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OBJECTIVES/GOALS: This poster will describe a national landscape analysis of mentoring programs for Clinical Research Professionals (CRPs) in academic medical centers, identifying gaps and opportunities for translational workforce development. This