

via an evaluation rubric. **DISCUSSION/SIGNIFICANCE OF IMPACT:** The Emerging Investigators website, developed using the principles of COI provides key learning, reading and resources for early career investigators in a format that is well received by a sample group of early career researchers at Mount Sinai. The website has aimed to address the reported need for communication, collaboration and social interaction with peers and other researchers across the MSHS through the addition of further web-based resources such as a LinkedIn page, a blog to feature research and provide a sounding board for research efforts, and a calendar of events targeted specifically at early career researchers. These were highlighted as areas of particular value by the participants. We anticipate the results of phase 2 rubric-based evaluations will provide actionable data that will lead to further refinement of the website, an optimized interface, and improved usability.

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### Evaluation of the Impact of a Clinical and Translational Science Predoctoral Program on Post-Graduate Outcomes

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**OBJECTIVES/GOALS:** The Mayo Clinic Clinical and Translational Science (CTS) Predoctoral program aims to develop independent researchers capable of leading multi-disciplinary teams to accelerate the translation of discovery to application. Here, we detail the outcomes of our graduates over the past ten years (2010-2019). **METHODS/STUDY POPULATION:** A survey was fielded with all CTS graduates whose degrees were conferred since the program's inception to 2019. Items addressed their current position, whether they were still involved in research, what type of research they were involved in, and whether they stayed involved with education. They also submitted a recent CV, from which data were collected about publications and grants. A subset were then contacted for a semi-structured interview. Items included questions addressing motivation for pursuing a PhD in CTS, whether the program prepared them for their current work, gaps they felt they had in training, and whether they felt they were making a difference in the lives of patients. **RESULTS/ANTICIPATED RESULTS:** Of the 41 alumni, 34 responded (83% response rate). Of these, 19 (56%) are at Mayo Clinic, 9 (26%) work for other academic institutions, and 6 (21%) do not work for an academic institution. Most have remained in research (33/34, 97%). The majority (22/33, 67%) are involved in clinical research, 30% (10/33) in basic science, and 24% (8/33) in healthcare delivery research. Most (23/34, 68%) are engaged in educational activities. When asked about changes they have led, 67% (18/27) led quality improvement projects and 44% (12/27) designed a new research method. Several hold leadership positions either in their organization (12/16, 75%) or in a professional organization (10/16, 63%). **DISCUSSION/SIGNIFICANCE OF IMPACT:** The CTS Predoctoral program successfully prepares scholars for careers involving clinical and translational research; furthermore, alumni remain in research-oriented careers after graduation. We will continue to gather longitudinal data alumni move forward in their careers.

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### From Translational to Transformational: Establishing CLIC's Vision for a Research Education and Training Community

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**OBJECTIVES/GOALS:** The new CLIC Education & Career Development Gateway aims to be a translational science workforce ecosystem for CTSA's to share learning and training resources and career opportunities. The Gateway also provides individualized assistance to identify and implement TS learning and training resources. **METHODS/STUDY POPULATION:** The CLIC Education & Career Development Gateway, located on the CLIC website, is an entry way to: 1) the Education Clearinghouse, a platform where CTSA Program hubs can find and share educational resources individually or as part of resource kits; 2) the Opportunities Board, which includes jobs and mini-sabbaticals from CTSA Program hubs; and 3) the Education & Training Navigator, a personalized approach to education and training requests. These approaches help empower and support a cooperative learning and training community that is inclusive and collaborative, facilitating and amplifying opportunities for the sharing of educational resources throughout the translational science workforce. **RESULTS/ANTICIPATED RESULTS:** Through a person-centered, direct engagement approach, the anticipated outcomes of these efforts are to promote increased collaboration across CTSA Program Hubs and partners, and the amplification of accessible, relevant existing resources. Another anticipated outcome is increased production of educational materials through the reduction of work duplication and identification of gaps in education and training resources. The Gateway also provides an opportunity to communicate the work and efforts that consortium-level special groups (working groups, special interest groups, etc.) produce. Ongoing evaluations and suggestions will help determine future improvements and functionalities. **DISCUSSION/SIGNIFICANCE OF IMPACT:** CLIC's education and training ecosystem promotes education as a community space to facilitate opportunities for collaboration and partnerships, amplifying visibility of the work created by members of the CTSA community, and encouraging a transformative career trajectory for trainees and scholars.

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### HiREC Endowment: Building Models in Research Capacity for Infrastructure Sustainability and Productivity

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**OBJECTIVES/GOALS:** Improve infrastructure, resources, partnerships, and metrics to enhance the research environment for Hispanic researchers as a Minority Serving Institution. To support the research infrastructure in our Campus to encourage a research culture of sustainability and productivity. **METHODS/STUDY POPULATION:** Development of four research capacity-building models to enhance the pathway of junior researchers as independent researchers: 1. MSc Phase I-Scholar Award 2 years in a Post Doctoral Master in CTR; 2. Advanced CTR Award 1 year to support research