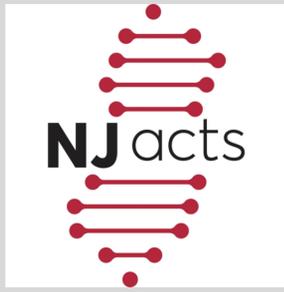# Analyzing the NJ ACTS Education and Offering Inventory to Assess Training across the CTSA Consortium

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Abstract

The New Jersey Alliance for Clinical and Translational Science (NJ ACTS), a funded CTSA hub, was interested in developing a comprehensive education and training program to enhance the quality, efficacy, and safety of the clinical research enterprise. To achieve this goal, study authors released the Education and Offering Inventory survey nationwide across the CTSA Consortium via REDCap to assess training initiatives in the translational science workforce (via hub websites) to evaluate its accuracy. Analysis of the Inventory was to develop an internal cross training catalogue to widely share through the CLIC and NJ ACTS websites.

Methods

Twenty-one hubs responded to the survey and data was exported from REDCap to Excel. Respondent demographics were categorized to formalize roles and data was categorically divided into sections based on training type (engagement, basic, postgraduate etc...) utilizing conditional formatting.
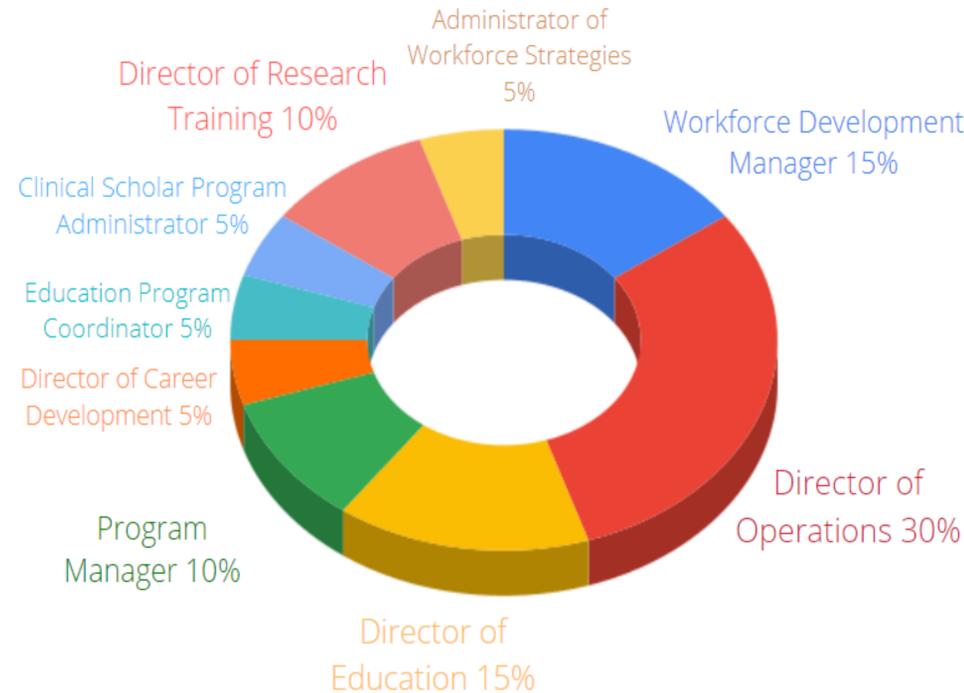
Summary findings showed that (30%) of the respondents were in the 'Director of Operations' occupational role. Further, the Joint Task Force (JTF) domain 'Scientific Concepts and Research Design' was the most preferred Hard Skill (81%) while the least preferred was 'Investigational Product Development and Regulation' (29%).

Due to a branching logic defect with questions on competency tool usage only six hubs were able to respond. 50% stated they would utilize 'In House Assessment Tools' and 83% stated they used the tools to 'Develop Personalized Training Plans'.
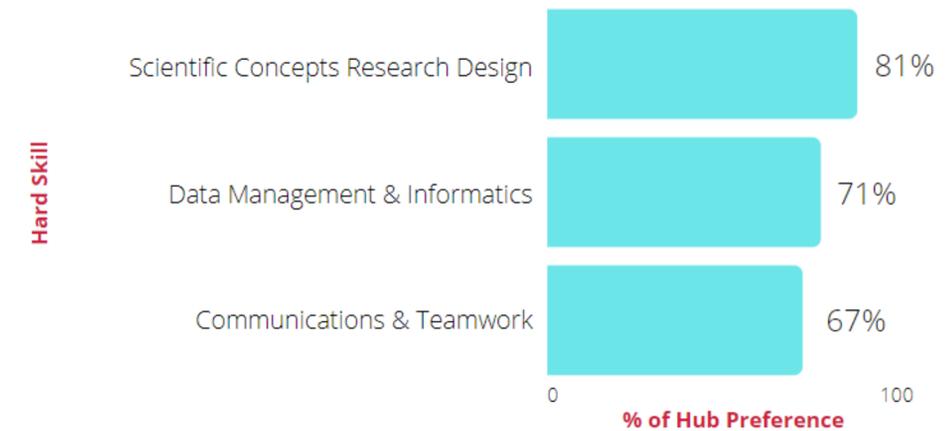
Conclusion

The development of an NJ ACTS Education and Offering internal cross training catalogue helped to highlight the training trends across the CTSA Consortium with intention of creating new training initiatives to enhance the quality, efficacy, and safety in the clinical research enterprise.
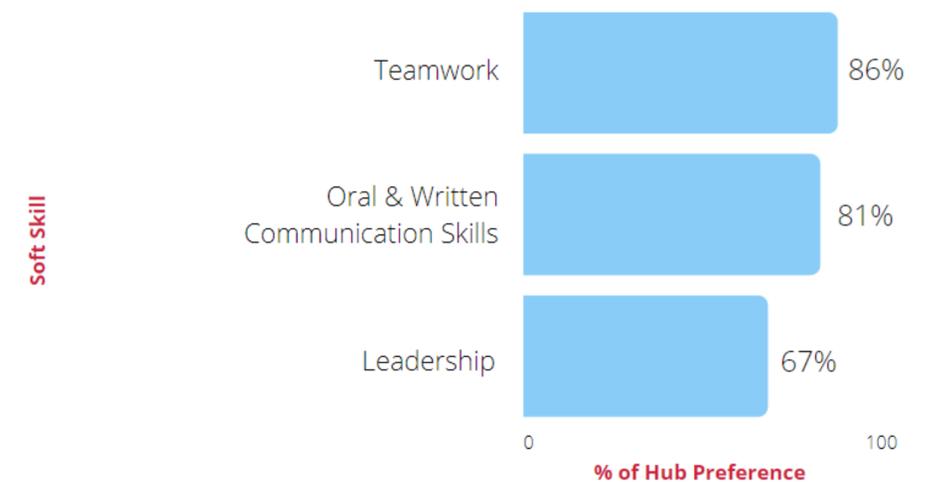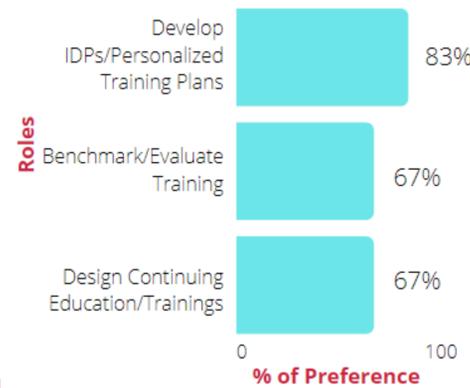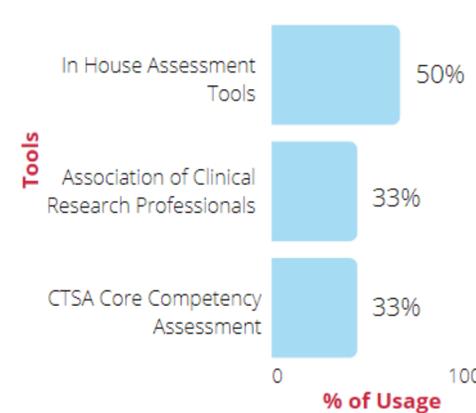
Results

Administrator of Workforce Strategies 5%
Director of Research Training 10%
Workforce Development Manager 15%
Clinical Scholar Program Administrator 5%
Education Program Coordinator 5%
Director of Career Development 5%
Program Manager 10%
Director of Operations 30%
Director of Education 15%

JTF HARD SKILLS

Scientific Concepts Research Design — 81%
Data Management & Informatics — 71%
Communications & Teamwork — 67%

Hard Skill / % of Hub Preference

JTF SOFT SKILLS

Teamwork — 86%
Oral & Written Communication Skills — 81%
Leadership — 67%

Soft Skill / % of Hub Preference

COMPETENCY TOOL ROLE

Develop IDPs/Personalized Training Plans — 83%
Benchmark/Evaluate Training — 67%
Design Continuing Education/Trainings — 67%

Roles / % of Preference

COMPETENCY TOOL USAGE

In House Assessment Tools — 50%
Association of Clinical Research Professionals — 33%
CTSA Core Competency Assessment — 33%

Tools / % of Usage

Future Directions

Utilization of E-catalogue by NJ ACTS to work with other CTSA hubs to develop an infrastructure that creates comprehensives clinical research training initiatives and programs.

Acknowledgments

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https://njacts.rbhs.rutgers.edu/