

AIM-AHEAD National Center for Advancing Translational Sciences Training Program: Cohort 1 Outcomes

This report offers a comprehensive overview of key metrics from the National Center for Advancing Translational Sciences training program for the Cohort 1, comprised of 55 trainees. It highlights participation, feedback, task completion, and overall progress within both the Clinical Science and Data Science tracks. (Some metrics may vary based on trainee evaluation response totals; variations have been indicated below).

COURSE OBJECTIVE COMPLETION



85%
COMPLETED N3C DATA ENCLAVE
REGISTRATION, ONBOARDING, & ORIENTATION
(44/52 TRAINEES)



100%
CAN EXPLAIN KEY
TRANSLATIONAL RESEARCH CONCEPTS
(52/52 TRAINEES)



78%
PERFORMED COMPREHENSIVE ELECTRONIC
HEALTH RECORD DATA EXPLORATION
(41/52 TRAINEES)

100%

FINAL TEAM PROJECT
SUBMISSION



100%

PROGRAM
COMPLETION



+280

SUCCESSFUL MENTOR
ENGAGEMENTS



ACHIEVEMENT METRICS

82%

CAN IDENTIFY SUITABLE
PATIENTS IN REAL-WORLD
DATA FOR HYPOTHESIS
TESTING
(37/45 TRAINEES)

100%

DERIVED CONCLUSIONS
FROM COMPLEX DATA
(45/45 TRAINEES)

82%

CONFIDENT WITH
EHR DATA MODELS
AND ONTOLOGIES
(37/45 TRAINEES)

100% PROFICIENT IN TRANSLATIONAL
RESEARCH, HEALTH EQUITY, AI/ML, EHR, AND ETHICAL DATA USE
(52/52 TRAINEES)



89%

ABILITY TO PERCEIVE ELEMENTS
OF DATA QUALITY, INCLUDING DATA
HARMONIZATION AND METHODS TO ASSESS
BIASES AND REPRESENTATIVENESS
(40/45 TRAINEES)

90%

CONFIDENT IN CAREER
ADVANCEMENT BENEFITS
(22/25 TRAINEES)



89%

ATTENDED 2024 AIM-AHEAD
ANNUAL MEETING

87%

PRESENTED AT 2024 AIHES
POSTER SESSION

PROGRAM REFLECTIONS

"100% OF TEAMS WANT TO MOVE THEIR
PROJECTS FORWARD AND CONTINUE DOING
AI/ML IN THEIR CAREER!"

"OUR TEACHERS, STAFF, CLINICAL ADVISORS, MENTORS,
AND PROFESSIONAL MENTORS WERE DEDICATED TO OUR
LEARNING. THANK YOU SO MUCH!"

"LOVE AIM-AHEAD CONNECT FOR COURSES,
WOULD LOVE TO HAVE CALENDAR
CONNECTED TO OUTLOOK."

"ALL THE INSTRUCTORS/PARTICIPANTS WERE WONDERFUL AND
REALLY WENT ABOVE AND BEYOND. THE MATERIAL AND
POTENTIAL IS EXCELLENT."

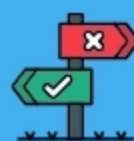
"I AM VERY GRATEFUL FOR THIS COURSE. WHEN I AS A CLINICIAN HEAR
AI/ML AND LARGE DATASETS, IT SEEMS VERY SCARY AND
OVERWHELMING. THIS COURSE BROKE IT DOWN STEP-BY-STEP AND
MADE IT MANAGEABLE TO DIGEST AND GET EXPERIENCE. THANK YOU!"

MASTERED SKILLS



72%

EXECUTING TRANSLATIONAL
TEAM PROJECTS
(36/50 TRAINEES)



82%

ETHICALLY ACCESS
REAL-WORLD DATA
(41/50 TRAINEES)



78%

PROJECT PLANNING
AND MANAGEMENT
(39/50 TRAINEES)



86%

ENGAGING IN
INTERDISCIPLINARY
TEAM COLLABORATION
(43/50 TRAINEES)