



AIM-AHEAD FHIR Collaborative Training Program

Call for Applications

Informational Webinar

December 17, 2025 | 2:00 PM CT

Agenda



About AIM-AHEAD

About FHIR

About Tracks 1, 2, & 3

Application Requirements and Process

Applicant Q&A



About AIM-AHEAD



AIM-AHEAD is a nationwide network of institutions and organizations designed to build AI talent among researchers and clinicians, support multidisciplinary research projects that harness AI/ML to improve the health of Americans, and enhance the AI capabilities and infrastructure of communities or hospitals that otherwise would not have had the resources or the capacity to benefit from the advancement of AI/ML.

The AIM-AHEAD Coordinating Center



The A-CC consists of four cores:

Leadership Core

Lead, recruit, and coordinate the AIM-AHEAD Consortium

Data Science Training Core

Assess, develop, and implement data science training curriculum

Data and Research Core

Address research priorities and needs to form a comprehensive basis for AI/ML

Infrastructure Core

(AI Optimization Sub Core)

Assess data, computing, and software infrastructure to facilitate AI/ML and health research



NIH Leadership Team



Samson Gebreab, Ph.D. MSc.
*Program Lead, AIM-AHEAD
Office of Data Science Strategy,
NIH*



Steve Tsang, PhD
*Clinical Informatics Program
Director, NIH*



Eileen Chang, PhD
NIH



Dr. Emir Khatipov
*Program Director, AIM-AHEAD
Office of Data Science Strategy,
NIH*



Snipta Mallick
Data Scientist, NIH

AIM-AHEAD FHIR Program Team



Usha Sambamoorthi, MA, PhD

Program Co-Director
AIM-AHEAD MPI
UNT Health Fort Worth



Damaris Javier, PhD

Program Co-Director
UNT Health Fort Worth



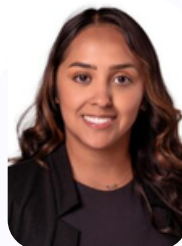
Tonychris Nnaka, PhD

Program Co-Director
UNT Health Fort Worth



Rinoj Gautam, PhD

Business Data Analyst
UNT Health Fort Worth



Andrea Ortiz

Administrative Coordinator
UNT Health Fort Worth



Jamboor Vishwanatha, PhD

UNTHealth FortWorth
AIM-AHEAD Contact PI

AIM-AHEAD North Stars



North Star I

Develop a representative AI/ML workforce with broad participation.



North Star II

Increase knowledge, awareness and national-scale community engagement and empowerment in AI/ML.



North Star III

Use AI/ML to improve behavioral health, cardiometabolic health and cancer outcomes for all.



North Star IV

Build community capacity and infrastructure in AI/ML to address community-centric health needs and challenges.

About FHIR



- Train, accelerate, and sustain workforce development in FHIR and related technologies in various disciplines from academia, industry, and community-based organizations.
- Expand and empower a skilled workforce, including researchers, practicing clinicians, healthcare providers, developers, informaticists, and graduate students on FHIR practical applications.
- Foster a culture of interdisciplinary collaboration.
- Lay the groundwork for a seamless integration of FHIR within basic, clinical, social, and behavioral sciences.

Who should Apply ? Which Track ?



Track 1

- Looking for an overview of FHIR/ technologies/research applications
- Has limited time commitment



Track 2

- Interested in gaining a more in-depth, technical understanding of FHIR and related technologies
- Spend ~ 6 hours/Week
- Not interested in working hands-on with FHIR
- Not interested in serving as a FHIR trainer in the future.



Track 3

Interested in:

- The content from Track 2
- Gaining additional hands-on experience
- Training others at their institution on using these technologies.
- Spend ~ 12 hours/Week

Program Tracks:Comparison



	Track 1	Track 2	Track 3
Cohort Size	Up to 30 trainees	Up to 25 trainees	Up to 20 trainees
Duration of the Program	4 weeks	19 weeks	22 weeks
Expected time commitment	Dedicate up to 30 hours across four weeks on average.	Dedicate up to 6 hours per week on average.	Dedicate up to 12 hours per week on average.
Hands-on FHIR Research Project	No	No	Yes
Matched with Coach	No	No	Matched with experienced coach

Program Tracks: Skills and Knowledge



	Track 1	Track 2	Track 3
Prior Knowledge/Interest	Understanding how FHIR can be used to support clinical and health research, and similar cases	<ul style="list-style-type: none"> Clinical informatics and health data interoperability Data analysis and/or conducting research with health records 	<ul style="list-style-type: none"> Clinical informatics and health data interoperability Data analysis and research using health records Participating in a “team science” approach to completing a hands-on project using FHIR and related technology
Prior Experience	No prior experience required	<ul style="list-style-type: none"> Exposure to health data in a clinical or scientific context that demonstrates the ability to successfully build technical understanding of FHIR and related technologies. Examples include but are not limited to: exposure to health terminologies like ICD-10 or LOINC; exposure to analysis of health data using statistical software like R or SAS; exposure to web technology like REST or JavaScript. 	<ul style="list-style-type: none"> Exposure to health data in a clinical or scientific context that demonstrates the ability to successfully build technical understanding of FHIR and related technologies and apply these technologies during the Program. Relevant prior experience includes but are not limited to web-focused software engineering; clinical data modeling using terminologies like ICD-10 or LOINC; experience using R or Python to manipulate EHR data; team science experience as clinical subject-matter expert working in collaboration with software engineers or data scientists.

Program Tracks: Stipend



Track 1

- Stipend - \$1,000
- Disbursed at the end of the program
- Trainees must complete required milestones.



Track 2

- Stipend - \$4,000
- Disbursed in two installments
- Trainees must complete required milestones.



Track 3

- Stipend - \$8,000
- Disbursed in two installments
- Trainees must complete required milestones

Program Track 3: Additional Details



Track 3

- Attend In-person AIM-AHEAD Conference in July 2026



Track 3

- Travel, allowance of \$2,000 to cover the cost of airfare, hotel accommodation, local transportation, and per diem



Track 3

- Receive coaching from experienced, skilled investigators from AIM-AHEAD members

AIM-AHEAD Coaches - only for Track 3



Each trainee will be matched with a coach who will provide ongoing support throughout the training program. Trainees are matched with coaches using the Connect Platform. Trainee - Coach matches are made using:

**AIM-AHEAD
CONNECT**



AI Algorithm



**Administrative
Matching**



**Coach Pool
Search**

Program Tracks 2 & 3: Focus Areas



Focus Area 1: Building Clinical Decision Support Tools with FHIR

Focus Area 2: Applying AI/ML with FHIR Data

Focus Area 3: Working with FHIR Data for Health Outcomes/Population Health

Applicants Eligibility



Citizenship and Tax Requirements

- ✓ Must be a U.S. Citizen, Permanent Resident, or Non-Citizen U.S. National
- ✗ Temporary visa holders (F1, J1, H1, etc.) are not eligible
- ✓ Accepted candidates must be able to submit a W-9 form

Participation Restrictions

- ✗ Current/former AIM-AHEAD program participants (awardees, fellows, trainees, mentors, advisors, coaches) who received funding within the last 3 years are ineligible
- ✓ Applicants must apply to only one track.

Special Cases

- ✓ AIM-AHEAD Coordinating Center personnel and Federal employees may participate, but will not receive stipend or travel allowance

Note: Please refer to the full CFA on AIM-AHEAD.net for all eligibility requirements.

Organizations Eligibility



**Higher Education
Institutions**

**For Profit Businesses
& Organizations**

**Non Profits
with or
with out 501(c)(3) status**

**Local, State,
Tribal Gov't**

**Other US Based
Organizations**

Education, Language & Applicants



Education

Minimum: Bachelor's degree in physical sciences, social sciences, life sciences, math, statistics, data science, engineering, health sciences, or public health

Language

A working command of English, as all training courses will be conducted in English

Applicants

Post-baccalaureate or graduate students, healthcare providers, medical students or residents, allied health trainees, informaticists, software engineers, administrators, early-career investigators, or early-career employees of non-academic institutions

Application Requirements



- **Profile Information** (basic applicant details in InfoReady portal)
- **Letters of Support & Recommendation**
 - Supervisor letter confirming protected time
 - At least one recommendation as described in the CFA
- **Biographical Sketch** (NIH biosketch or CV, max 5 pages)
- **Statement of Rationale** (750 words)

**Submission
Deadline:**
**January 5,
2025 by
11:59 PM EST**

**This is just an overview. Please see the CFA for the full list of application requirements*

Application Process



Applications must be submitted by January 5, 2026 at 11:59 p.m. Eastern Time

Note: Please use Chrome, Firefox, or Edge browsers.

1

**Familiarize
yourself with the
program
requirements
outlined in the call
for applications**

2

**Gather all of the
required
application
materials**

3

**Create an
account on
AIM-AHEAD
Connect and
register as a
“mentee/learner”**

4

**Submit
application for
review using the
InfoReady
platform**

- **Track 1 – Up to 30 trainees will be selected**
- **Track 2 – Up to 25 trainees will be selected**
- **Track 3 – Up to 20 trainees will be selected**

Key Program Dates



CFA Release Date

December 9, 2025



Application Deadline

January 5, 2026 at 11:59 p.m. Eastern Time



Notice of Award

February 11, 2026



Program Start Date

February 16, 2026



**AIM-AHEAD Annual Meeting 2026
(Track 3 ONLY)**

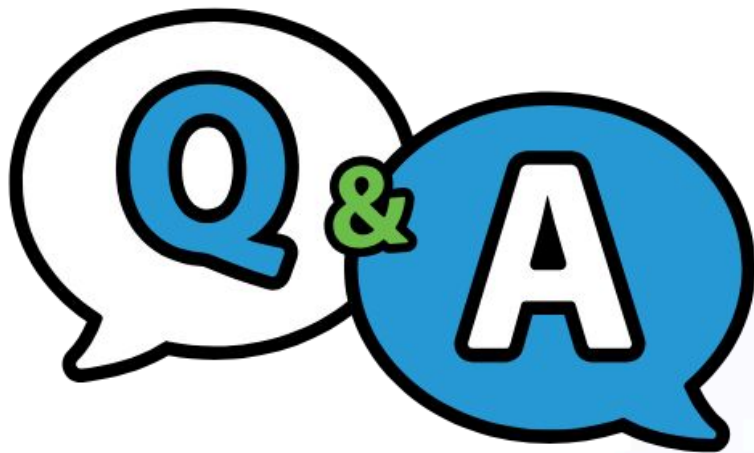
July 6–8, 2026



Program End Date

Varies by Track (Check CFA)

Questions?



SCAN ME!

Please see the FAQ
document linked
above and in the chat

Scan the QR code above
to access the AIM-
AHEAD FHIR CFA