



# 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  
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**Damaris Javier, PhD**

Program Co-Director  
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**Tonychris Nnaka, PhD**

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AIM-AHEAD Contact PI



**Rinoj Gautam, PhD**

Business Data Analyst  
UNT Health Fort Worth



**Andrea Ortiz**

Administrative Coordinator  
UNT Health Fort Worth



## 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.*



- 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"><li>• Clinical informatics and health data interoperability</li><li>• Data analysis and/or conducting research with health records</li></ul>	<ul style="list-style-type: none"><li>• Clinical informatics and health data interoperability</li><li>• Data analysis and research using health records</li><li>• Participating in a “team science” approach to completing a hands-on project using FHIR and related technology</li></ul>
Prior Experience	No prior experience required	<ul style="list-style-type: none"><li>• Exposure to health data in a clinical or scientific context that demonstrates the ability to successfully build technical understanding of FHIR and related technologies.</li><li>• 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.</li></ul>	<ul style="list-style-type: none"><li>• Exposure to health data in a clinical or scientific context that demonstrates the ability to successfully build technical understanding of FHIR and related technologies <b>and apply these technologies during the Program.</b></li><li>• <b>Relevant</b> 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.</li></ul>

# 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:



# 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

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**

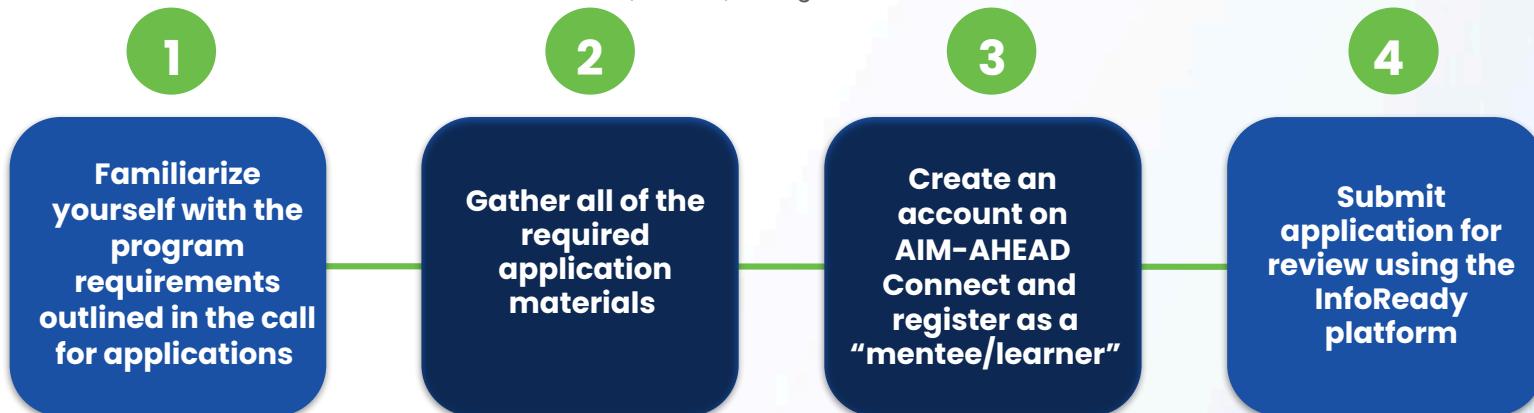
*\*This is just an overview. Please see the CFA for the full list of application requirements*

# 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.



- **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



	<b>CFA Release Date</b>	<b>December 9, 2025</b>
	<b>Application Deadline</b>	<b>January 5, 2026 at 11:59 p.m. Eastern Time</b>
	<b>Notice of Award</b>	<b>February 11, 2026</b>
	<b>Program Start Date</b>	<b>February 16, 2026</b>
	<b>AIM-AHEAD Annual Meeting 2026 (Track 3 ONLY)</b>	<b>July 6-8, 2026</b>
	<b>Program End Date</b>	<b>Varies by Track (Check CFA)</b>

# Questions?



Please see the FAQ document linked above and in the chat



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