



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



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Office of Data Science Strategy,
NIH



Steve Tsang, PhD
Clinical Informatics Program
Director, NIH



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AIM-AHEAD FHIR Program Team



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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">• 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



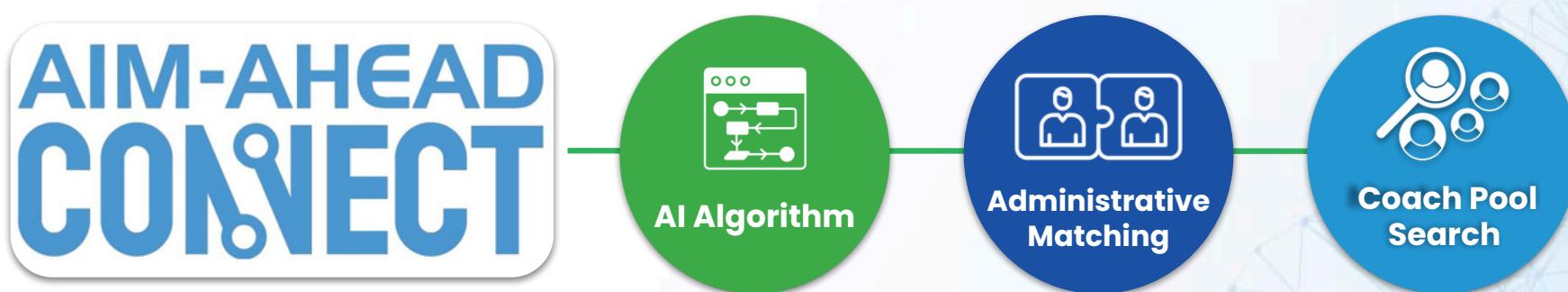
Track 3

- 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:



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**

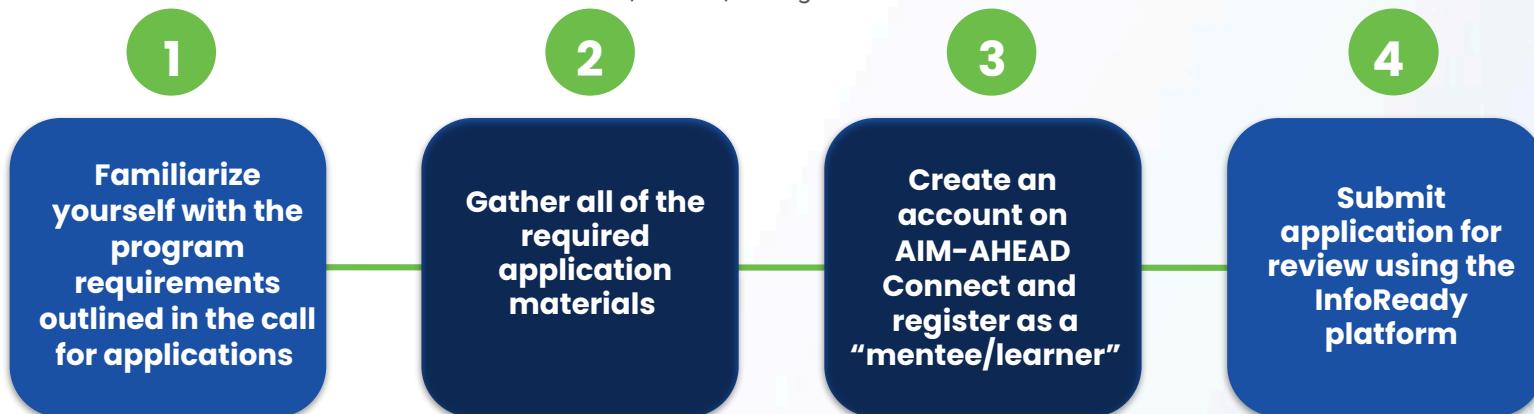
**This is just an overview. Please see the CFA for the full list of application requirements*

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.



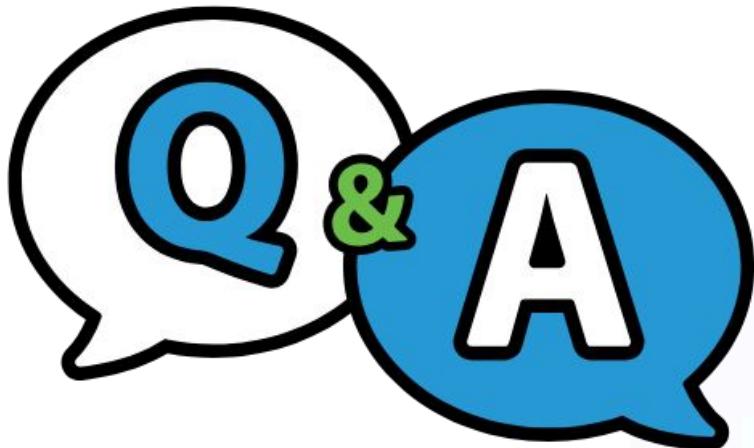
- **Track 1 –Up to 30 trainees will be selected**
- **Track 2 –Up to 25 trainees will be selected**
- **Track 3 –Up to 20 trainees will be selected**

Key Program Dates



	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?



Please see the FAQ document linked above and in the chat



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