AIM-AHEAD Bridge2AI Artificial Intelligence Ready and Equitable Atlas for Diabetes Insights (AI-READI) Training Program

Call For Mentors

The **AIM-AHEAD** Bridge2AI Artificial Intelligence Ready and Equitable Atlas for Diabetes Insights (AI-READI) Training Program is recruiting mentors for Cohort 1 trainees. This program intends to increase the number of researchers who are underrepresented in the biomedical workforce in AI/ML by training individuals from diverse backgrounds who are committed to gaining proficiency in AI/ML data analysis and applying their expertise to benefit communities historically underrepresented in biomedical research.

This program will expand Bridge2AI AI/ML AI-READI data access through engagement, training, and mentorship, including the use of AI/ML in big data analysis for underrepresented trainees. This effort will allow AIM-AHEAD fellows to conduct novel data-driven research at the intersection of AI/ML and health disparities with a multi-modal array of data elements from a diverse cohort.

To accomplish this objective, a cohort of up to 25 diverse professionals, who are underrepresented in the biomedical workforce and are committed to applying AI/ML to benefit underrepresented communities, will complete an intensive 8-month program in advanced statistical and computational data analysis developed by the Bridge2AI team. Trainees will utilize the resources of the Bridge2AI AI/ML AI-READI Network and AIM-AHEAD's Data Science Training Core.

Learn more about the AIM-AHEAD Bridge2AI AI-READI Training Program here: https://www.aim-ahead.net/programs/aim-ahead-bridge2ai-ai-readi-training-program/

Trainees will select an experienced, skilled mentor from the AIM-AHEAD Consortium to provide support and guidance in applying AI/ML/statistical methods to the AI-READI dataset; a large, diverse, extensive multimodal dataset optimized for artificial intelligence research in type 2 diabetes mellitus and developing a research project using this data. Information about the dataset can be found at https://aireadi.org/ and in the figure below.
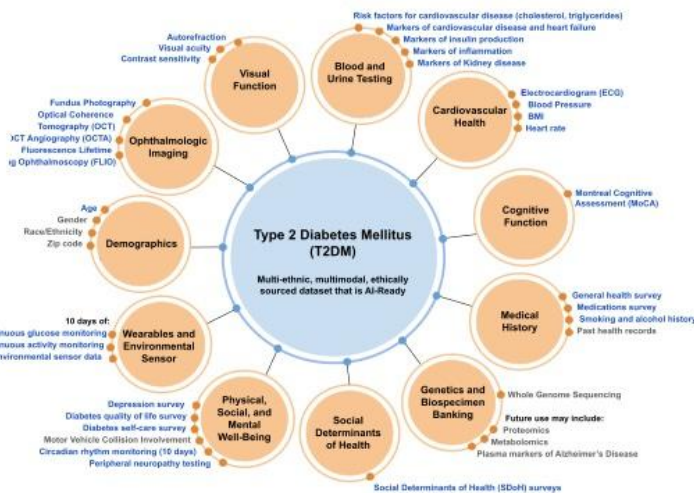

Figure: Variables available in the multimodal AI-READI dataset

The mentor must be committed both to the career development of the trainee and to the direct supervision of the trainee's research. Mentors should have a successful track record of mentoring individuals at the trainee's career stage. Where feasible, the recruitment of women, individuals from diverse racial and ethnic groups, and individuals with disabilities as potential mentors is encouraged, given their ability to serve as role models.

We will use the online mentoring platform AIM-AHEAD Connect (https://connect.aim-ahead.net) to match mentors with awarded trainees and for mentor/trainee engagement and progress tracking.

Mentors will provide mentorship for two trainees each and will be compensated a total stipend of $4,000 for their time dedicated to mentorship. Payment will be made in two equal installments of $2,000 each. The first installment of this professional fee will be paid mid-point of the program and the second at the end of the program.

Mentors will be chosen from a pool of AIM-AHEAD Bridge2AI AI-READI mentor applicants. The AIM-AHEAD Bridge2AI AI-READI Mentor Application will be open from **December 9, 2024 - January 6, 2025.** Once mentors are selected, they will receive an official email notification from UNTHSC's AIM-AHEAD office. The notification will specify next steps. All selected mentors will be notified by **January 20, 2025.**

AIM-AHEAD Mentors

<u>Eligibility Criteria for AIM-AHEAD Mentors:</u>

- Expertise in (1) AI/ML, statistical analysis and/or EHR analysis, and/or (2) clinical/healthcare delivery and/or social determinants of health.
- Prior mentorship experience
- Mentors can come from different sectors such as industry, non-profit organizations, healthcare organizations, faith-based institutions, or academic institutions
- Mentors interested in diabetes-related research

<u>Expectations for AIM-AHEAD Mentors:</u>

- Mentors will provide mentorship for two AIM-AHEAD Bridge2AI AI-READI trainees
- Mentors are expected to register for access to the AI-READI dataset and attend a mandatory data orientation session
- Mentors are expected to participate in mentor training
- Mentors will create and join all necessary platforms needed for the AIM-AHEAD Bridge2AI AI-READI Training Program (e.g., AIM-AHEAD Connect, etc.)
- Mentors will have regular, biweekly meetings (via Zoom, Teams, video calls, etc.) with mentees to provide professional development and research project support

- Mentors will document all mentor/mentee meeting dates and notes on the AIM-AHEAD Connect platform
- Mentors will attend virtual networking sessions throughout the program (up to three, dates TBD)
- Mentors will provide mentees with field expertise, advice, and project support
- Mentors will be responsive to communication from the AIM-AHEAD Bridge2AI AI-READI admin team
- AIM-AHEAD Mentors will receive a stipend of $4,000 to mentor two trainees as allowed by their institutional policy

<u>Terms and Conditions for AIM-AHEAD Mentors:</u>

The Terms and Conditions include the benefits and responsibilities that the mentors agree to when they accept the AIM-AHEAD mentor role.

- Mentors should have Ph.D., MD or equivalent qualification (such as PharmD., DNP, or Dr.PH)
- Mentors must be able to submit a W-9 through PaymentWorks
- Mentors should be associated with an organization (educational institution, private sector, community organization, etc.). Mentors cannot be individuals without an organizational affiliation.
- Mentors will have no conflict of interest with AIM-AHEAD. A conflict of interest would be individuals who are AIM-AHEAD Bridge2AI AI-READI Stakeholders and current individuals who work with AIM-AHEAD Coordinating Center for the AIM-AHEAD Bridge2AI AI-READI Training Program.
- AIM-AHEAD Coordinating Center members selected as AIM-AHEAD mentors should consult with their institutions about COI and acceptance of payment
- Mentors will be in good standing with their organization
- Mentors cannot have mentees who are from the same institution/organization
- Mentors will receive a $4,000 stipend* paid in two equal installments: the first installment at mid-year and the second installment at the end of the

year. Payment of total stipend is based on fulfillment of mentor expectations specified in the Call for Mentors and Mentor Manual.
- Mentors will adhere to AIM-AHEAD Coordinating Center policies, termination, non-compliant agreements, and these terms and conditions
- AIM-AHEAD MPIs can participate as AIM-AHEAD mentors but will NOT receive the mentor's stipend per NIH requirements

*Mentors may participate as a mentor in only ONE AIM-AHEAD training program. AIM-AHEAD-funded Coordinating Center Personnel or AIM-AHEAD-funded Awardees (MPIs, PIs, Co-Investigators, trainees, other personnel) are eligible to apply, but if accepted, they will not receive the stipend.

<u>HOW TO APPLY:</u>

1. Create an account with AIM-AHEAD Connect as a Mentor at connect.aim-ahead.net
2. Sign Up at https://signup.aim-ahead.net/event/p/0Eeb434C2E.
3. Complete the self-assessment questionnaire and click "Submit"
4. You have now completed your application to be a mentor for AIM-AHEAD trainee(s). If you are selected, you will receive an email from AIM-AHEAD Connect indicating that trainee(s) have requested mentorship from you. All selected mentors should be notified by January 20, 2025. Please make sure to check your Junk/Spam folder during this time.

Deadline to Apply: Jan 6th, 2025

Questions:

Questions regarding the AIM-AHEAD Bridge2AI AI-READI Training Program may be directed to the Training Program HelpDesk (https://helpdesk.aim-ahead.net/ticket/create/aim-ahead_training_programs).