

The background image shows a woman with dark hair in a ponytail, wearing a red blazer over a white shirt and a lanyard. She is standing behind a wooden podium and gesturing with her hands while holding a small device. In the background, a large screen displays a table with the following data:

Efficacy	C	
CIE-Lab	79.16	4.502

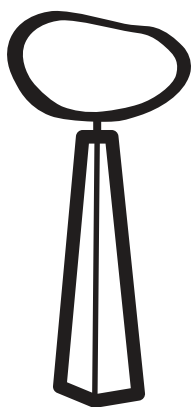
RIT

AWARE-AI NRT

AWAREness for Sensing Humans Responsibly with AI

National Science Foundation Research Traineeship Program

Trainees advance their cross-disciplinary breadth in human-sensing AI systems, depth in relevant science, technology and advanced research skills, and holistic diversity and inclusion competency.



AWARE-AI Trainees experience convergent AI research guided by accomplished faculty in cross-disciplinary research tracks and carefully curated and career-enhancing activities that directly address skill gaps in graduate AI curricula.

Application due date March 1

CV, application form, one letter (from advisor), and a cover letter with your motivation and research-training plan outline.

apply at rit.edu/nrtai

AWARE-AI NSF Research Traineeship

Rochester Institute of Technology

Research Tracks

Software

Trainees investigate machine learning innovations and how to develop AI systems capable of processing multimodal streams of information over time as flexibly as a human.

Hardware

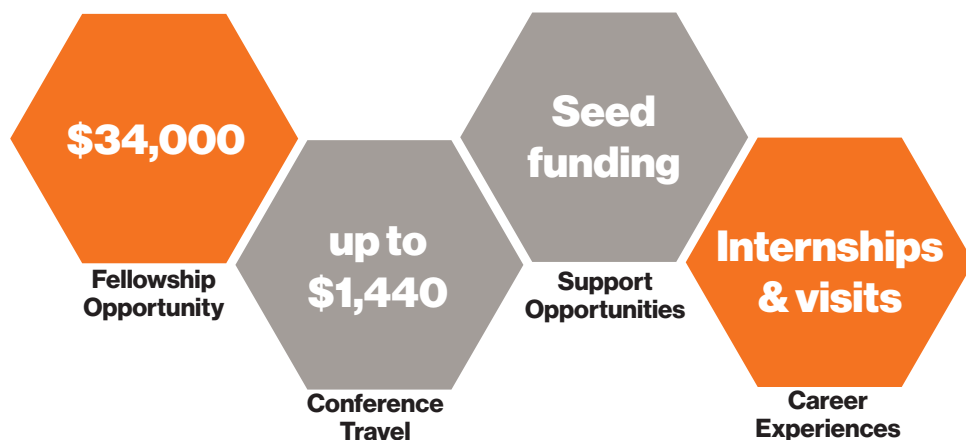
Trainees advance human-robot collaboration and AI on the edge to achieve human trust in automation, and continual machine learning on robotic systems.

Human-computer interaction

Trainees evaluate the needs of older adults with hearing loss in regard to speech technology and develop and assess AI prototype systems.

Cognitive modeling

Trainees investigate human cognitive states and assess AI system reliability, focusing on understudied populations of AI users across the human lifespan or with disabilities.



Eligible On-Campus RIT Graduate Programs

Ph.D. programs:

- Biomedical & Chemical Engineering
- Cognitive Science
- Color Science
- Computing & Information Sciences
- Electrical & Computer Engineering
- Imaging Science
- Mathematical Modeling
- Mechanical & Industrial Engineering
- Microsystems Engineering

MS programs:

- Artificial Intelligence
- Color Science
- Computer Engineering
- Computer Science
- Computing Security
- Data Science
- Electrical Engineering
- Experimental Psychology
- Human-Computer Interaction
- Information Technology & Analytics

Diversity & Inclusion

The AWARE-AI NRT Program is committed to training an inclusive and diverse AI scientific workforce. Women, Deaf and Hard-of-Hearing, and African American, Latino/a American, or Native American graduate students are especially encouraged to apply.

Learn More

Contact Information

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Cecilia Alm, Ph.D.

Admissions Contact
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rit.edu/nrtai

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