Wednesday, Aug. 21 (Day 1)

Global Village GVP-1200

9:00 - 9:30 a.m. Introductions CRT-NRT trainees and breakfast

9:30 - 11:30 a.m. Session I

Orientation by NRT Director

Dr. Cecilia Alm, PI and AWARE-AI Director

11:30 - 12:00 p.m. Session II

Internships overview and completion of internships form (bring CV and cover letter)

Dr. Ferat Sahin, Co-PI

12:00 - 12:45 p.m. Lunch with interactive recap of key orientation points with Dr. Alm

12:45 - 2:00 p.m. NRT faculty's lab overview + lab resources talks

2:00 - 2:30 p.m. Session III

Lab rotations overview and completion of lab rotations form

Dr. Alex Ororbia, SP; Dr. Reynold Bailey, Co-PI

RIT
AWARE-AI NSF Research Traineeship Program

2:30 - 3:45 p.m. Research to Mentoring Bridge: AI Software

Dr. Bailey   Dr. Alm   Dr. Baheri

3:45 - 4:00 p.m. Networking coffee mingle

4:00 - 5:00 p.m. Session IV - Cyber Range (CYB 1750)
Senior Scientist Keynote
Talk Title TBC
Dr. Jeffrey Bigham
Professor, Carnegie Mellon University
School of Computer Science
Introduced by Dr. Cecilia Alm
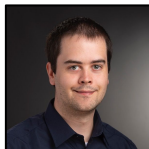
Thursday, Aug. 22 (Day 2)

Golisano Hall/GCI CYB 70-1710

9:00 - 9:30 a.m.   Pre-meeting session by Shannon Regelsberger
and Dr. Heard:
MSI visits and completion of visit form (bring CV)
Participants:
Abdoulaye, Calvin, Cedric, Emily

9:30 - 10:15 a.m.   Breakfast: Trainee Council overview with
Coordinator and Director

10:15 - 11:00 a.m.   Session V

Seed funding award competition
Esa Rantanen, Seed funding chair
Prior winners: Viet Nguyen, Reza Fayyazi, Liya Thomas

11:00 - 12:00 p.m.   Debriefing lunch break with Dr. Sahin

12:00 - 1:00 p.m.   Session VI - Cyber Range (CYB 1750)

Tenure-track Faculty Keynote
*Empirical Investigations for Future AI-powered ASL
Personal Assistant Devices*
Dr. Abraham Glasser
Assistant Professor, Gallaudet University
Introduced by Dr. Jamison Heard

1:00 - 2:00 p.m.   Research to Mentoring Bridge: HCI for AI

Dr. Heard   Dr. Shinohara   Dr. Tigwell   Dr. Peiris

2:00 - 2:45 p.m.   Research to Mentoring Bridge: AI Hardware

Dr. Sahin   Dr. Yan   Dr. Kanan

2:45 - 3:30 p.m.   Coffee and interaction with plenary speaker

3:30 - 4:15 p.m.   Session VII

Evaluator's pre-survey

Introduction by Ferat Sahin

4:15 - 5:30 p.m.   NRT Trainees' breakout groups
by research tracks for planning and
final research plan/lightning talk preparations

Links:

AWARE-AI Twitter   https://twitter.com/AWAREAINRT

AWARE-AI Instagram   https://www.instagram.com/rit_awareai

Lab rotations form   https://forms.gle/9zNWo6gPRcwqSRoC8

Internship form   https://forms.gle/V2biDMp5Q2JPnX5K9

MSI form   https://forms.gle/vg3vnwjyw2eRDdHs8

RIT

AWARE-AI NSF Research Traineeship Program

Empirical Investigations for Future AI-powered ASL Personal Assistant Devices

**Thursday, August 22
at 12:00 p.m. ET
in CYB-1750
(The Cyber Range)**

Abraham Glasser

Gallaudet University
Washington D.C.
abraham.glasser@gallaudet.edu

ABSTRACT:

Proliferation of voice-controlled personal-assistant devices (e.g. Siri, Alexa, Google Assistant) that do not understand sign language input poses accessibility barriers for Deaf and Hard of Hearing (DHH) users. At the same time, sign language technologies remain in their infancy. As artificial intelligence (AI) researchers and developers are working on American Sign Language (ASL) recognition technologies, Human-Computer Interaction (HCI) research is needed to understand what DHH users may want from this technology and how to best design the interaction, as well as informing the research and development processes for this technology. In this talk I will describe my research agenda on this topic, where I have utilized HCI methodologies to conduct fundamental research despite lacking AI-powered sign language technology.

BIO:

Dr. Abraham Glasser is an Assistant Professor in the Accessible Human Centered Computing program, in the School of Science, Technology, Accessibility, Mathematics, and Public Health (STAMP) at Gallaudet University in Washington, DC. Abraham is a born-Deaf, native ASL signer, and has a PhD in Computing and Information Sciences from the Rochester Institute of Technology (RIT). Leveraging his own lived experiences, his research focuses on accessible computing for Deaf and Hard of Hearing (DHH) individuals, including speech and sign language technologies across various modalities. He has authored over 50 peer-reviewed scientific journal articles, book chapters, and conference papers, including at top venues in human-computer interaction and computing accessibility, such as the ACM CHI, ASSETS, W4A, CSCW, VRST, and CUI conferences. His work has received several awards, including First Place at an ACM CHI research competition, best poster at ACM VRST, two best paper nominee awards at ACM ASSETS, and an impact award at ACM CSCW.

Friday, Aug. 23 (Day 3)

Golisano Hall/GCI CYB 70-1710

8:45 - 9:30 a.m.	Industry Panel
9:30 - 10:30 a.m.	Session VIII

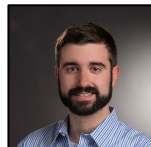*Conflict resolution in research teams*

Joe Johnston/Ashley Meyer, Ombuds Office
Chair: Dr. Esa Rantanen

10:30 - 11:15 a.m. Research to Mentoring Bridge: Cognitive Models for AI

| Dr. Rantanen | Dr. Ororbia | Dr. Fitch |

11:15 - 12:00 p.m. Session IX

Workshop on professional communication: Setting Up LinkedIn, Google Scholar, and considerations for your professional website

Faculty and staff respondents:
Esa Rantanen, Shannon Regelsberger

12:00 - 1:00 p.m. *Peer-2-Peer Program*
Lunch with peer mentor interactions
Chair: Dr. Ferat Sahin

1:00 - 2:45 p.m. Session X
Chair: Dr. Esa Rantanen
NRT Trainees: Research plan talks
(12 min + 3 min Q&A):

| T1: C. Bone | T1: C. Nau | T2: E. Rooney |

| T3: A. Maiga | T4: S. Tellander | Visiting CRT Trainees:
Ajay Kumar
Alexander Victor
Colm O'Donaghue
Van Hoany |

2:45 - 3:30 p.m. Coffee celebration of AWARE-AI alumni

3:30 - 5:00 p.m. Session XI
Incoming NRT Trainees: Lightning talks
(5 min each + Q&A)
Chair: Dr. Jamison Heard

O. Amujo, K. Dhar, C. Ding, Y. Iwamoto, P. Jain, A. Kumar, P. Bellam, G. Maheshwari, G. Mbaka, P. Mehta, P. Meshram, M. Raees

5:00 p.m. Concluding remarks by Dr. Cecilia Alm