



Opportunities for Participation in the Deaf STEM Community Alliance

Lisa Elliot & Austin Gehret
NTID Science & Math Department
Retreat
May 27, 2015



Agenda

- Introductions
- Questions for your consideration
- Rationale for presentation
- Project overview
- Benefits for participation
- Faculty participation example
- Q & A



Introductions

- Lisa Elliot, PI
- James DeCaro, Co-PI
- James McCarthy, Virtual Academic
Community Manager



For Your Consideration

How do you:

- Regularly communicate with students outside of class?
- Coax shy or isolated students to participate in class discussions or activities?
- Foster professional awareness and identity for your students or create connections between course content and “real world” topics?



Today's Presentation

- Provide information about our project
- Recruit four (4) volunteers to join project



Who We Are

- Deaf STEM Community Alliance
 - Only Alliance specifically for D/HH students
- Supported by the National Science Foundation, HRD #1127955
- Multi-year project (Sept 2011- Aug 2017)
 - Now in our 4rd year





Campus Partners



RIT is the lead institution for this project, with Camden County College and Cornell University as partners.



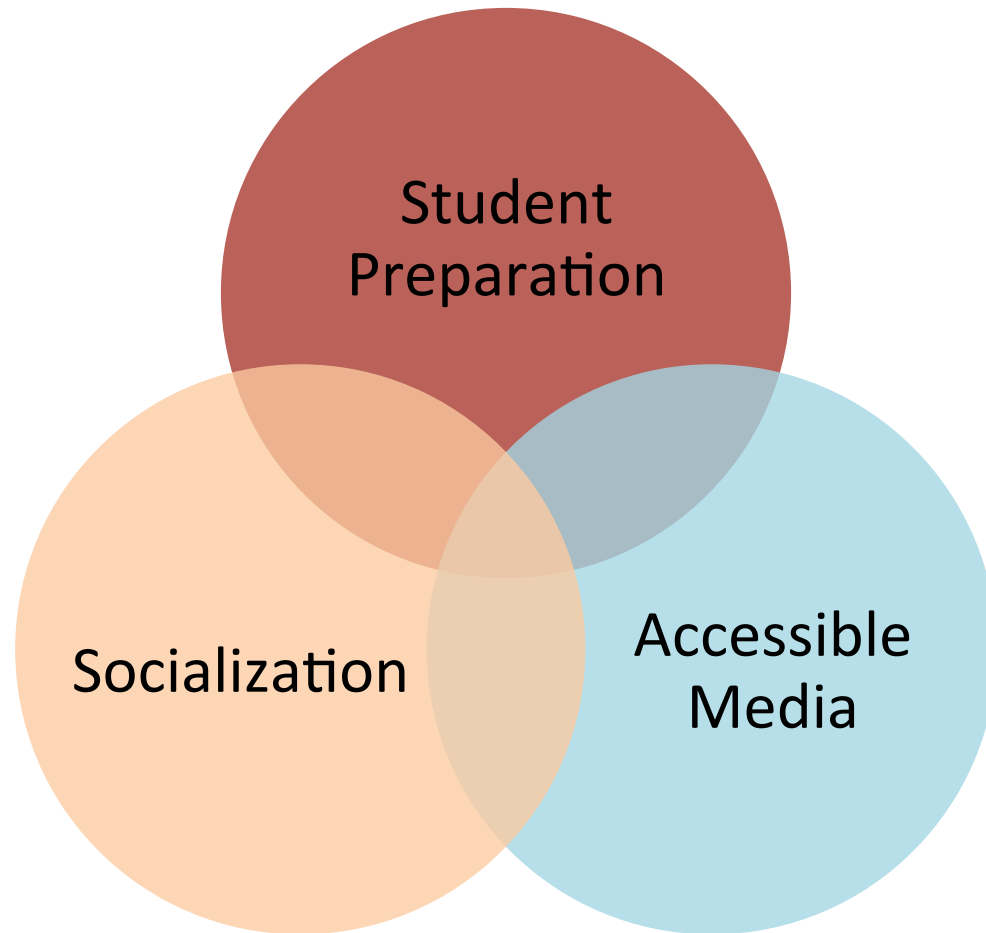


Challenges Addressed by the Alliance

- Need to add more STEM graduates
- Broaden participation of underrepresented groups in STEM, especially those with disabilities, and, in particular, those who are deaf or hard-of-hearing
- Create more cohesive cyber learning resources for students, faculty, and support service providers



Barriers to Success in STEM





Student Participation Benefits

- Supports student preparation in event of scheduling conflicts, illness, or other emergencies
- Offers communication channels for shy students
- Creates socialization opportunities to develop positive identities as future STEM professionals



Faculty Benefits

- Convenience
- Tools that make work more efficient
- Professional development
- Scholarship activities



Faculty Participation Example

Writing a manuscript for publication

Austin Gehret



Q & A

Thank you for your attention today. Please contact Lisa Elliot, lisa.elliott@rit.edu with additional questions.

<http://www.dhhvac.org>