

## Advancing Deaf & Hard of Hearing in Computing

### Goal:

We seek to increase the number of deaf and hard of hearing persons in computing fields, via:

- Summer Academy
- e-Mentoring Community
- Community of Practice (CoP)
- Encourage collaborations with other programs

### Industry and Academic Careers in:

- Computer Engineering
- Computer Science
- Information Science
- Information Systems
- Information Technology



## Funding

National Science Foundation (NSF)  
under Grant #CNS-1042260  
Johnson Family Foundation  
Bill and Melinda Gates Foundation  
Cray  
Google  
Oracle  
SignOn, Inc.

## Collaborating Partners

- Gallaudet University
- Rochester Institute of Technology (B. Thomas Golisano College of Computing and Information Sciences, and National Technical Institute of the Deaf)
- Microsoft Corporation
- NSF Regional Alliances for Persons with Disabilities in Science, Technology, Engineering & Mathematics
- NSF Broadening Participation in Computing Alliances
- ACM Special Interest Group on Accessible Computing (SIGACCESS)



The Alliance for Access to Computing Careers (AccessComputing)

University of Washington  
Dept. of Computer Science & Engineering  
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Advancing Deaf & Hard of Hearing in Computing  
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The Alliance for Access to  
Computing Careers  
(AccessComputing)

## 2012 Summer Academy for Advancing Deaf & Hard of Hearing in Computing



Students in one of several meetings with the instructor about their animation project.



# We are raising the bar...

**The 2012 Summer Academy** is an academically challenging program designed for deaf and hard of hearing students with skills in math and/or science, who are considering computing as a career, either in industry or academia, and are in college or ready to enter college.\* Admission is extremely competitive, and up to 10 of the highest ranked students only will be chosen for admission.



The Summer Academy is a 9-week program, beginning June 15, 2012 and ending August 18, 2012. Tuition, room/board and transportation to Seattle are provided at no cost to accepted students.

Students will take a computer programming course for college credit and a certificate course in Animation. They will meet successful deaf and hard of hearing professionals working in computing, from Amazon, DeafCode, IBM, Microsoft, salesforce.com, and ZVRS, and also visit local computer companies such as Adobe, Cray, Google, Microsoft, and Valve.

\* Applicants should be 18 or older; students ages 16 and 17 who are at least a junior in high school and who have exhibited exceptional scholastic achievement in math, science and/or computing may be considered for admission under specific conditions and waivers. At least

## University of Washington

The 2012 Summer Academy is located at the University of Washington in Seattle, home of America's software industry. UW is a Research I university; the Department of Computer Science & Engineering is ranked among the top ten programs for Computer Science in the nation.



### APPLY ONLINE

<http://www.washington.edu/accesscomputing/dhh/academy/>

### DEADLINES

December 23, 2011  
January 27, 2012\*

\*Applications received by this date will be considered on a space available basis.



Computer Science Professor Richard Ladner, left, signs with some of the participants in the first Summer Academy for Advancing Deaf & Hard of Hearing in Computing



The Alliance for Access to Computing Careers (**AccessComputing**) seeks to promote the participation of people with disabilities in computing fields, by:

- increasing the number of students with disabilities successfully pursuing undergraduate and graduate degrees and careers in computing fields.
- strengthening the capacity of postsecondary computing departments to fully include students with disabilities in computing courses and programs.



### Disabilities, Opportunities, Internetworking and Technology

DO-IT serves to increase the participation of individuals with disabilities in challenging academic programs and careers. It promotes the use of computer and networking technologies to increase independence, productivity and participation in education and employment.

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