Hispanics and Native Americans in Computer Science: Patterns, Pressures, and Programs

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Associate Professor
Computer Science
Personal Interest

- Elena Delgado
- Bruna Jacobson
- Lydia Tapia
- Kasra Manavi
Degrees Awarded

Degree data from Taulbee Survey, Computing Research Association
Hispanic population data from the Pew Research Center
Native American population data from the US Census
CS Career Pipeline
15 Years Ago

Data from Taulbee Survey, Computing Research Association
CS Career Pipeline
10 Years Ago

Data from Taulbee Survey, Computing Research Association
CS Career Pipeline
5 Years Ago

Data from Taulbee Survey, Computing Research Association
CS Career Pipeline

Current

Data from Taulbee Survey, Computing Research Association
Common Themes

- Lack of technology resources
- (Financially) contribute to the family
- Travel challenges
- Stay close to home
- Lack of understanding about graduate school
Programs that Make a Difference

K-12 Undergrad MS PhD Faculty
Programs that Make a Difference

- K-12
- Undergrad
- MS
- PhD
- Faculty
Programs that Make a Difference
Programs that Make a Difference
Faculty

- Mentors
- Mentors
- Mentors
- Career Mentoring Workshops
- Proposal Writing Workshops
- Mentors
- Mentors
- Mentors
Where Do We Go From Here?
Special Thanks!

**PhD Students**
Elena Delgado  
Jake Nichol

**Postdoctoral Fellow**
Satomi Sugaya

**Others**
Betsy Bizot, Computing Research Association  
Celia Einhorn, Supercomputing Challenge  
Melanie Moses, CS4All and Swarmathon