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Leadership

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UW-IT

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The Alliance for Access
to Science, Technology,
Engineering and
Mathematics (STEM)

Increasing the participation
of people with disabilities
in STEM fields

Funding

AccessSTEM is funded by the National Science Foundation as part of the Research in Disabilities Education program. (Award #HRD-0227995, #HRD-0833504)



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AccessSTEM *AccessSTEM and its partners support the following activities and resources.*

Activities for Students with Disabilities

AccessSTEM helps students with disabilities pursue degrees and careers in science, technology, engineering and mathematics (STEM) fields.

- **AccessSTEM Team**
high school, college, and graduate students with disabilities, including veterans, engage online with each other and with mentors and participate in internships and other opportunities
- **Opportunities!**
newsletter featuring activities in which participants can engage and useful resources
- **Online Student Lounge & Veterans Center**
comprehensive websites to help students with disabilities prepare for and succeed in college and careers

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Activities for Faculty, Staff, and Employers

AccessSTEM builds the capacity of faculty, staff, STEM departments, employers and professional organizations to fully include students with disabilities.

- **Online Communities of Practice**
where professionals discuss strategies and share resources for promoting the participation of people with disabilities in STEM
- **Capacity-Building Institutes and Training**
on campuses and at conferences

AccessSTEM Longitudinal Transition Study (ALTS)

DO-IT tracks the progress of hundreds of participants in its projects that receive funding from the National Science Foundation. Results suggest that project interventions increase the success of students with disabilities transitioning to and succeeding in college and careers.

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Resources

AccessSTEM shares resources.

- **Searchable Knowledge Base** of questions and answers, case studies, and promising practices
- **Comprehensive Website** to help students with disabilities prepare for and succeed in college and careers and help faculty and staff make opportunities accessible
- **Publications, Including Proceedings** of capacity-building institutes, that explore issues related to students with disabilities and STEM fields
- **Videos** of students with disabilities pursuing STEM fields, advice for educators, and accessibility guidelines for science labs and websites

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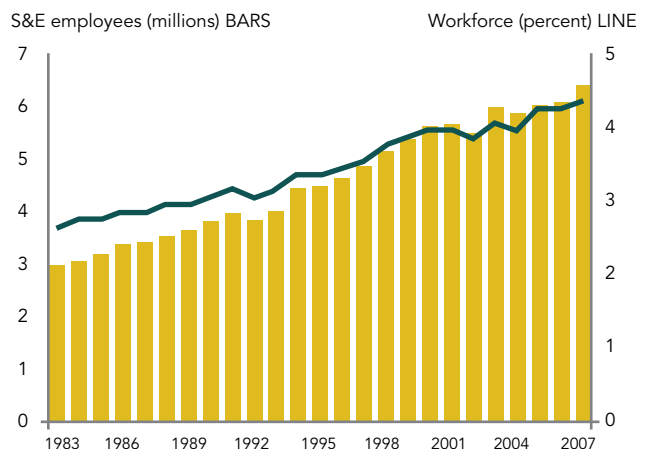
Impact of Our Work

AccessSTEM outcomes benefit society by

- enhancing STEM fields with the expertise and perspectives of people and disabilities and
- making STEM opportunities available to more citizens.

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U.S. Science & Engineering Workforce 1983–2007



SOURCE: National Science Foundation, Division of Science Resources Statistics, special tabulations from Bureau of Labor Statistics, Current Population Survey Monthly Outgoing Rotation files (1983–2007).