

NSF ATE Centers Joint Exhibits

Partners with Industry for the new American workforce



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OVERVIEW

The NSF ATE Joint Exhibits are geared to promote the NSF ATE mission through dissemination of information and showcasing of ATE programs, products, expertise, and services at key regional and national conferences.





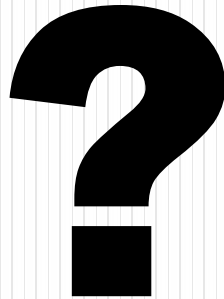
OVERVIEW

An effective mechanism in providing highly visible, coherent impact to regional and national stakeholders.





FACTS



**Did you know that in 2009 NSF ATE
Centers and projects developed:**
1,740 Curriculum materials
1,372 Articulation agreements with
958 Institutions



FACTS

Joint Center Projects Include:

- ATE Center Impact Publication (every 2 years) and website www.atecenters.org
- ATE Joint Exhibits at 4-6 national conferences
- Research on technician education
- Mentoring new awardees
- High Impact Technology Exchange Conference (HiTEC) www.highimpact-tec.org



JOINT EXHIBITS/ CONFERENCES

Spring	Summer	Fall
League Of Innovations (LOI)	American Society for Engineering Education (ASEE)	STEMtech
American Association of Community Colleges (AACC)	HI-TECH Conference (HI-TECH)	National Career Pathways Network (NCPN)
		NSF ATE PI
		Association of Career & Technical Education (ACTE)



More information at : www.fl-ate.org/projects/ate.html



ATE CENTERS' PARTICIPATION

Joint Exhibit Center Participation for 39 Centers (July 2008 - 2011)

Year	# of Centers Participating	# of Participants by Year	Center Participation (%)
2008 (34 centers)	12	16	
2009 (36 centers)	18	47	52.9
2010 (36 centers)	23	84	63.9
2011 (39 centers)	28	86	71.7
TOTAL: July 08-present		233	

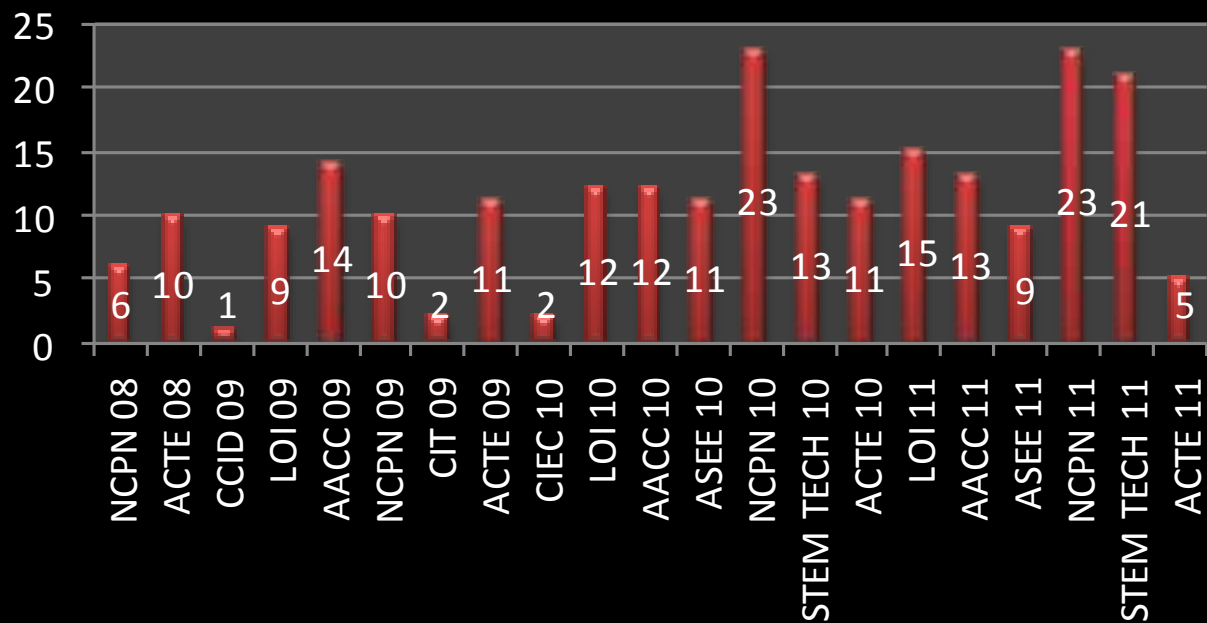
Events with highest attendance:

- ❖ NCPN 2010 & 2011 (23 each)
- ❖ STEMtech 2011 (20)



ATE CENTERS' PARTICIPATION

Number of Centers Participating (2008-2011)





JOINT EXHIBITS IMPACT

ATECENTERS IMPACT

- Distribute > 100 *ATE Center Impact* books per event
- Distribute centers informational handouts and resources
- Distribute NSF Community College program information
- Mentor potential grantees to develop proposals
- Network among centers
- Present at conference sessions





JOINT EXHIBITS





JOINT EXHIBITS (NEW) DISPLAYS

ATECENTERS
PARTNERS WITH INDUSTRY FOR A NEW AMERICAN WORKFORCE



ATE
CREATES
Industry
Partnerships

www.atecenters.org



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ATECENTERS
PARTNERS WITH INDUSTRY FOR A NEW AMERICAN WORKFORCE



ATE
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ATE CENTER (NEW) BANNERS

ADVANCED MANUFACTURING TECHNOLOGIES | **ATECENTERS**

FLATE:
Florida Advanced Technological Education Center

- » Support for College Programs
- » Innovative Career-Life Pathways
- » Advanced Technological Careers Promotion
- » Industry-Education Alignment Partnerships

www.fl-ate.org / www.madeinflorida.org

National Science Foundation
WHERE DISCOVERIES BEGIN

BIOTECHNOLOGY & CHEMICAL PROCESSES | **ATECENTERS**

Bio-Link:
Committed to Connecting

- » Students to Programs & Internships
- » Instructors to Curriculum & Networking
- » Industry to Skilled Biotechnicians

The National Advanced Technological Education Center for Biotechnology
www.bio-link.org

National Science Foundation
WHERE DISCOVERIES BEGIN

AGRICULTURAL, ENERGY, & ENVIRONMENTAL TECHNOLOGIES | **ATECENTERS**

CREATE:
The California Regional Consortium for Engineering Advances in Technological Excellence - Renewable Energy

- » Wind, Solar & Energy Management
- » Curriculum Development
- » Faculty Professional Development
- » 2+2+2 Pathways
- » Outreach & Dissemination

www.create-california.org

National Science Foundation
WHERE DISCOVERIES BEGIN

INFORMATION, GEOSPATIAL & SECURITY TECHNOLOGIES | **ATECENTERS**

CSSIA:
Center for System Security & Information Assurance

- » Online Remote Virtualization Laboratory Solutions
- » Cybersecurity & Virtualization Faculty Development
- » Cybersecurity Skills Competitions & Events
- » Deploying On-Line Cybersecurity Curriculum

www.cssia.org

National Science Foundation
WHERE DISCOVERIES BEGIN



ATE CENTERS IMPACT



atecenters.org/#1-slide-one

ATE-CENTERS
ADVANCED TECHNOLOGICAL EDUCATION CENTERS

ABOUT | FACES | VOICES | VIDEOS | FUNDING | CENTERS MAP

National Science Foundation

ADVANCED MANUFACTURING TECHNOLOGIES
AGRICULTURAL, ENERGY, AND ENVIRONMENTAL TECHNOLOGIES
BIOTECHNOLOGY AND CHEMICAL PROCESSES
ELECTRONICS, MICRO, AND NANOTECHNOLOGIES
ENGINEERING TECHNOLOGIES
INFORMATION, GEOSPATIAL, AND SECURITY TECHNOLOGIES
LEARNING, EVALUATION, AND RESEARCH

CLICK ON MADE TO GO TO THE SPECIFIC TECHNOLOGY

ADVANCED MANUFACTURING TECHNOLOGIES

SEARCH CENTERS BY TECHNOLOGY ALPHABETICAL

SEARCH MAP ABOUT

ATE NEWS

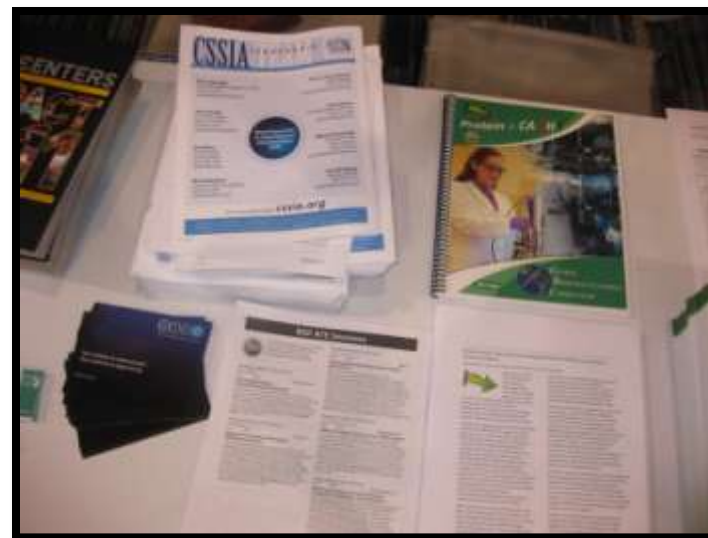
The Advanced Technological Education (ATE) program endeavors to strengthen the skills of technicians, whose work is vitally important to the nation's prosperity and security. In ATE centers and projects, community colleges have a leadership role and work in partnership with universities, secondary schools, business and industry, and

Use Smartphone Microphones to "Hear" Keystrokes and Steal





ATE CENTER TABLE DISPLAYS





ATE CENTER TABLE DISPLAYS







GET INVOLVED



www.atecentral.net



www.nsf.gov



www.fl-ate.org