

An Open Letter from the Executive Director...



The National Coalition of Advanced Technology Centers (NCATC) is a member organization representing over 160 institutions including schools, colleges, and universities throughout the United States and Canada. For the past 25 years, NCATC has championed and led initiatives to help keep America's workforce on the leading edge of technology through our network of

higher education resources. NCATC has proudly served as an Affiliated Council of the American Association of Community Colleges (AACC) throughout its 25-year history.

Advanced Technology Centers (ATCs) are located in all regions of the United States. Primarily associated with community colleges and universities, ATCs serve as a nucleus of human, financial, and advanced technology resources that coalesce in a multitude of training solutions to ensure the competitiveness of America's workforce.

On average, each NCATC member institution serves 8,654 Americans annually through a variety of workforce development services. Of the individuals served at a typical member institution, 2,424 are working Americans, investing time to grow their technical skills and drive our nation's competitiveness through hard work, dedication, and sacrifice. Of these incumbent workers, 86.4% receive financial support through corporate training from businesses committed to investing in their workforce.

On average, each NCATC member institution represents a \$16.1 million investment in advanced technology training. For every \$1.00 invested in an Advanced Technology Center, NCATC members have generated \$2.28 in financial support from corporations, \$.40 in grant funding, and \$.16 in contract and corporate training revenues. This represents a **284%** return in business, industry, and competitive government funding on every dollar of capital investment made in an NCATC member institution.

As we celebrate our 25th Anniversary with our largest Fall Conference ever, hosted by Gulf Coast State College, we not only reflect on our history and achievements but look to the future through the lens of the impact metrics shared above, knowing our members have only begun to realize their full potential. NCATC member institutions are driving innovation, contributing to economic growth, and forging new paths that will lead our communities, our Coalition, and our nation forward.

As an organization, we look forward to a bright future that includes sustaining and growing our network while continually improving the value, services, and benefits offered to our member colleges, strategic corporate partners, and businesses across the country.

J. Craig McAtee
Executive Director, NCATC

NCATC: Celebrating 25 Years of Advanced Technology Expertise

Our History

The National Coalition of Advanced Technology Centers (NCATC) represents a network of higher education resources that advocates and promotes the use of technology applications that enhance economic and workforce development programs and services. As Coalition members celebrate 25 years of service to American companies and communities, the organization's original mission of helping industry strengthen its competitiveness through skills training and technology is just as relevant today as it was in 1988.

The Founding of a Coalition 1988-2013

The roots of NCATC can be traced to the vision of two individuals. In 1988, Dan Hull, then President and CEO of the Center for Occupational Research and Development (CORD), and Carroll Marsalis, Director of High Technology/Workforce Retraining Demonstrations for the Tennessee Valley Authority (TVA), were both engaged on journeys to transform the way education responded to the needs of industry when their paths crossed in the Southeast.

Hull and Marsalis had both concluded from their respective work with American companies and educational institutions that a loss of economic vitality was diminishing the quality of life in America. Marsalis stated in 1988 that the problem "boiled down to issues of competitiveness." Hull was concerned that technology transfer and applications were not being made in industry and that colleges did not understand their potential role in workforce training. Together, Hull and Marsalis determined that a marriage of skills training and technology could help stem the tide of lessened competitiveness. They felt community and technical colleges were uniquely positioned to be vehicles for change in workforce development in their respective communities.

In 1988, strategic meetings were held with a handful of colleges to explore organizational structures that would support such efforts. In fairly short order, a new organization was formed — the National Coalition of Advanced Technology Centers (NCATC). Promotional efforts ensued as Hull and Marsalis gave presentations to college presidents, government officials, and companies; added several more founding member colleges; and began planning the inaugural conference for the fall of 1988. The stature of NCATC was elevated when Dale Parnell, then president of the American Association of Community Colleges (AACC), acted on a petition to recognize the Coalition as an Affiliate Council of AACC.

Both the founding colleges and today's 160 member institutions share a common commitment to industry responsiveness, to

See "Celebrating," page 2

NCATC: 25 YEARS OF ADVANCED TECHNOLOGY EXPERTISE

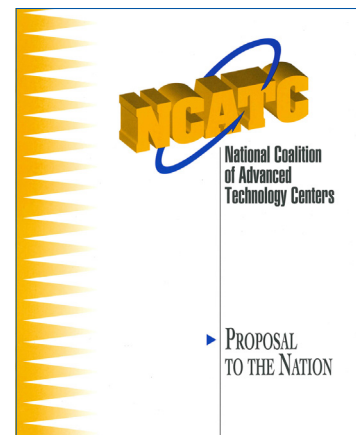
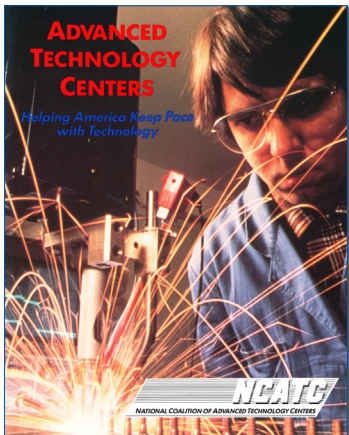
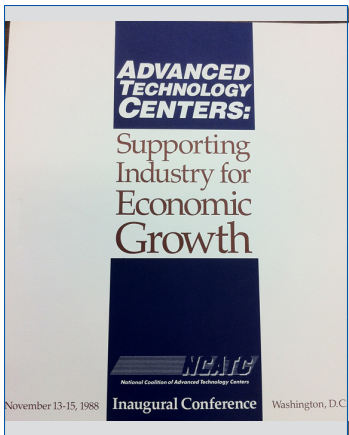
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maximizing and leveraging the resources of their colleges, and to fueling the growth of a national alliance for innovation and training. How effectively their mutual support and joint advocacy has led to America's community colleges becoming an economic development resource for the nation.

Looking Forward...

NCATC faces its future with great promise. Since the Coalition's founding, legislation and policies have placed workforce development at the forefront of many agendas and have focused national attention on community and technical colleges. NCATC members continue to answer the call to action by supporting the industry training and workforce development needs of their communities. As NCATC looks toward the future, we are guided by goals that include:

- Increasing the national awareness of ATCs and their measurable impact on America's competitiveness and economic growth.
- Developing and facilitating the exchange of best practices in workforce development among its members.
- Providing a forum for new and emerging technologies to allow ATCs to develop programs and services that reflect the evolving technological landscape.
- Ensuring that each member is provided support in its role as an agent of change, helping to drive economic development efforts and supporting innovators and innovations in their communities.



Recognizing 25 Years of Leadership

NCATC Board Presidents

Michael Taggart
Sam Wiggins
Rolland Westra
Charles Chrestman
Charles Ernst
Richard C. Hinckley
Tom Holland
Thomas Murray
Becca Admire
Glen Bounds
Don Bourassa
John R. (Dick) Warner
Gary Bishop

Paulette Young
Diane Dostie
Patrick Flanagan
Craig McAtee
Lea Anne Crooks
Jeff Arnold
Lorna Finch
Will Johnson
Scott Murakami
Jack Roach
Debbie Davidson
James Retka (Current)

Presidents Advisory Council Chairs

Karl Jacobs
Andrew Scibelli
Sam Borden
Ramsey Pedersen
Bryan Albrecht (Current)

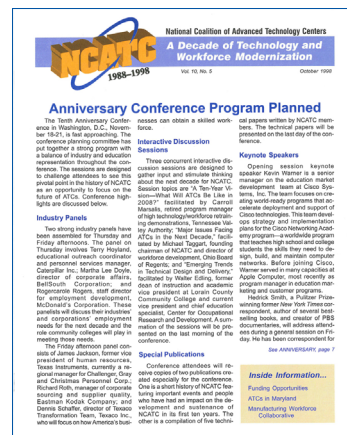
Executive Directors

Elizabeth Brient Smith
Robert M. Auld
Rolland Westra
Richard C. Hinckley
J. Craig McAtee (Current)

Founding Colleges and Organizations

In 1988, ten advanced technology centers and two organizations came together to form the founding membership of NCATC. The institution presidents and ATC managers were leaders who represented the best of those offering programs and services intended to transform American industry.

- Camden County College (NJ)
- Center for Occupational Research and Development (TX)
- Chattanooga State Technical Community College (TN)
- Cuyahoga Community College (OH)
- Francis Tuttle Vo-Tech Center (OK)
- Gadsden State University (AL)
- Haywood Community College (NC)
- Itawamba Community College (MS)
- Lorain County Community College (OH)
- Pikes Peak Community College (CO)
- South Carolina Advanced Manufacturing Center Consortium (SC)
- Tennessee Valley Authority (TN)



NCATC Milestones

The First Decade

1988 – NCATC established, inaugural conference held, affiliation with AACC as a council confirmed

1990 – NIST seminars started at conference

1991 – President’s council formed; ATCs and NCATC featured as the focus of the October/November issue of the Community College Journal

1992 – NIST/NCATC Summer Fellowship Program announced

1993 – Sallie Mae added as first corporate member

1994 – Technology Reinvestment Project (TRP) award received from the U.S. Department of Commerce

1996 – Manufacturing Workforce Collaborative grant received from the Lucent Technologies Foundation

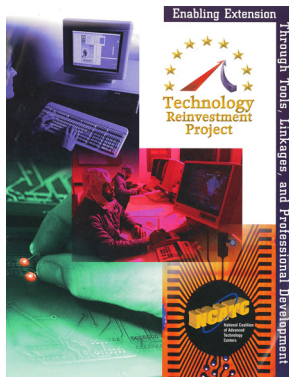
1998 to the Present

Member Assistance Program Colleges Served:

- Danville Community College (VA)
- Gulf Coast State College (FL)
- Honolulu Community College (HI)
- Jefferson Community & Technical College (KY)
- Kirkwood Community College (IA)
- Metropolitan Community College (NE)
- Polk State College (FL)
- San Jacinto Community College (TX)
- South Central College (MN)
- Thomas Nelson Community College (VA)
- West Kentucky Community Technical College (KY)
- West Virginia Community Technical College (WV)
- Westmoreland Community College (PA)

Grant Evaluation Services Colleges Served:

- Central Maine Community College (ME)
- Danville Community College (VA)
- Gateway Technical College (WI)
- Kentucky Community & Technical College System—AMTEC Center (KY)
- Lorain County Community College (OH)
- Milwaukee Area Technical College (WI)
- Northeast Wisconsin Technical College (WI)
- Saddleback College (CA)
- Penn State—Nanotechnology Center (PA)



Technology Flashbacks

In 1988, the year NCATC was founded, . . .

- Apple stock reached \$10 per share for the first time.
- The Morris Worm, the first computer worm spread via the Internet, was launched from MIT.
- The first officially sanctioned internet advertiser came into existence.
- NASA scientist James Hansen testified to the Senate that man-made global warming had begun.
- The last Dodge Aries and Plymouth Reliant rolled off the assembly line in a Chrysler factory.
- Email and the internet existed but the fax was the dominant communication technology for business.
- Microsoft Office 1.0 was yet not available on PCs; IBM introduced Lotus Notes a year later.
- The internet was only 5 years old and access was dial up. DOS was king.
- 1MB of data storage cost \$35. In 2013, 1MB of data storage costs \$0.000353.
- 1988 mobile phones (we didn’t have cell phones until 1995) cost \$3000 and weighed almost two pounds.



First Internet workshop, 1994



Itawamba CC computer lab, complete with dot matrix printers

