

The POWER of

re-

defining, imagining &  
energizing regional economies



SSTi's 16th Annual Conference  
October 29-30, 2012 • Atlanta

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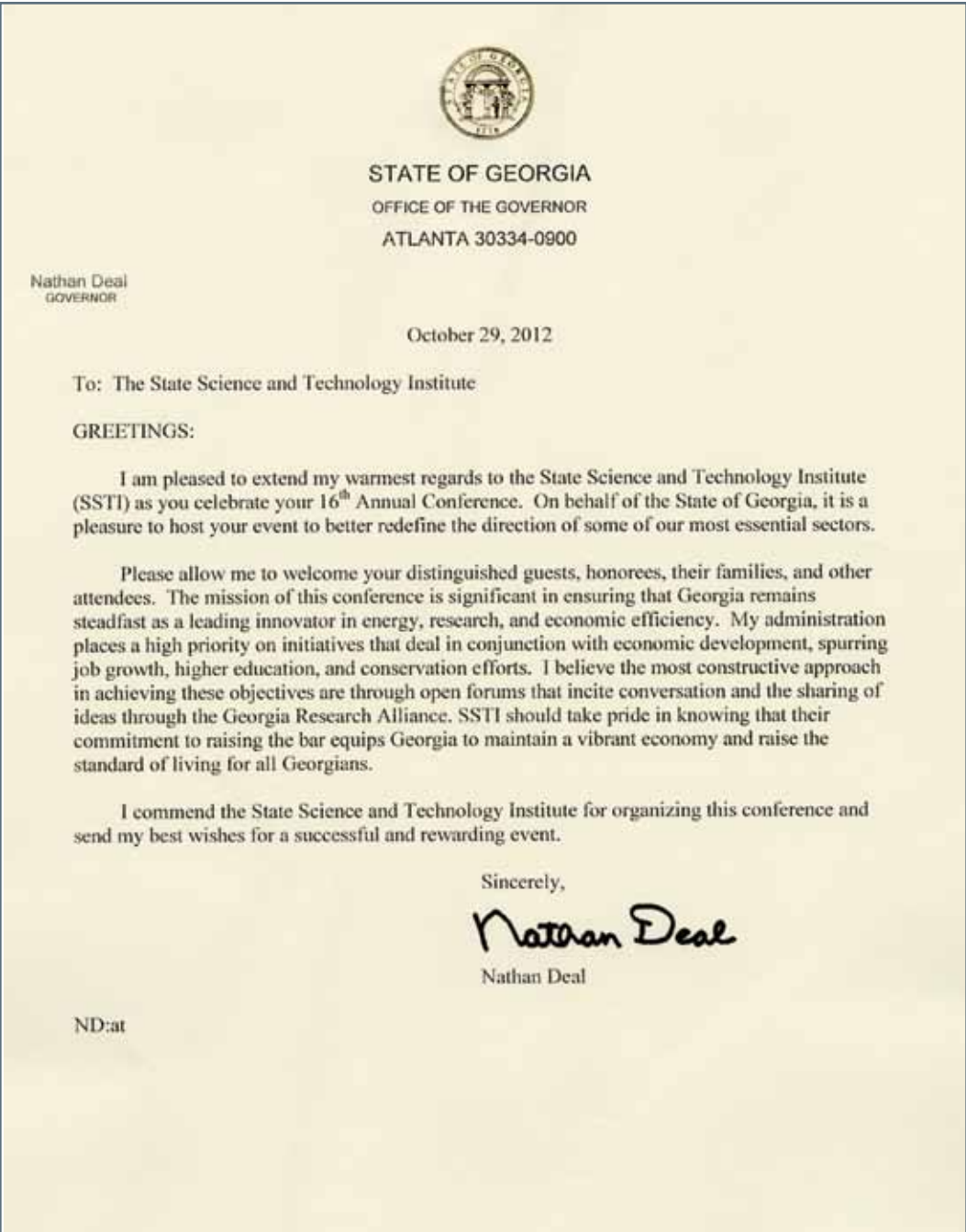
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October 29, 2012

Greetings:

The City of Atlanta is pleased and proud to host the 16<sup>th</sup> Annual Conference of the State Science and Technology Institute. You have an aggressive agenda for “The Power of Re-Defining, Imagining and Energizing Regional Economies” conference and I am confident that your discussions and sharing of ideas about technology-based economic development will help to guide the building of a bright future for all of us.


In fact, Atlanta has already benefited from the work of SSTI, incorporating many of the strategies you advocate. We also are working with Invest Atlanta to support entrepreneurs and to target industries vital to technology-based economic development: biosciences, logistics/transportation, mobility, and computer software and services.

While you are here, I hope you will experience why Atlanta is consistently rated as one of the country’s top ten cities. Our rich history, our vibrant business community, and our commitment to the arts and education combine to create an ideal environment in which to live and work.

We encourage you to explore the many attractions Atlanta has to offer including: the Martin L. King Jr. Center, the Georgia Aquarium, the World of Coca-Cola, CNN Center, Centennial Olympic Park, Woodruff Arts Center, Atlanta Botanical Garden, Children’s Museum of Atlanta and many more! We invite you to share in our southern hospitality, sample cuisine at our many fine restaurants and enjoy the diverse heritage of our city.

On behalf of the people of Atlanta, I extend best wishes to you for a productive and memorable State Science and Technology Institute annual conference.

Sincerely,



Kasim Reed

A Warm Welcome From Your Local Sponsors



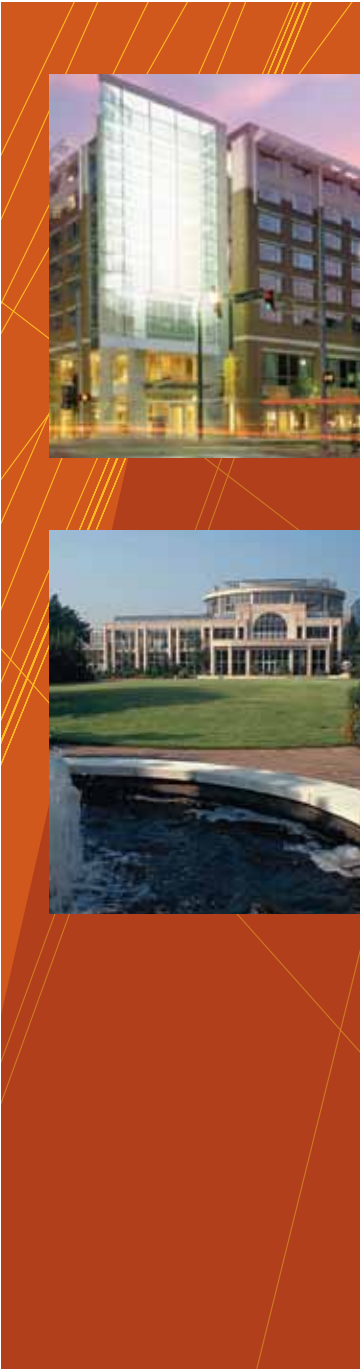








The conference sponsors thank the U.S. Department of Commerce Economic Development Administration for its support of this conference.





# Battelle Technology Partnership Practice

## About Battelle

Battelle is the world's largest independent research and development organization, providing innovative solutions to the world's most pressing needs through its four global businesses: Laboratory Management, National Security, Energy, Environment and Material Sciences, and Health and Life Sciences. It advances scientific discovery and application by conducting \$6.5 billion in global R&D annually through contract research, laboratory management, and technology commercialization.

Technology Partnership Practice (TPP), the technology-based economic development consulting arm of Battelle, is a leading provider of comprehensive economic development services. We equip stakeholders with in-depth analyses that:

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6:15 AM	Hatha Yoga   Conference C   p.8 5K Run/Walk   Lobby   p.8	
8:00 AM	Registration & Continental Breakfast   Grand Foyer	
8:15 AM	Welcoming Remarks   Grand Ballroom   p.11	
8:45 AM	Keynote by The Honorable Tom Ridge Re-Thinking Economic Development in a Time of Transformation   Grand Ballroom   p.11	
9:10 AM	Opening Plenary Forces Re-Shaping Our Economy: Where Are They Taking Us?   Grand Ballroom   p.12	
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1:00 AM	Keynote by Clyde C. Tuggle Changing the Game: Lessons from Coca-Cola   Grand Ballroom   p.15	
1:30 AM	Excellence in TBED Awards Ceremony   Grand Ballroom   p.16-17	
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3:45 PM	NorTech Networking Break	
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	<div>Strategic Direction</div> <div>Re-Defining Roles in Innovation Ecosystems   Conference B   p.24</div>	<div>From Theory to Practice</div> <div>No Failure, No Success   Conference A   p.25</div>
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5:30 PM	Battelle National Innovation Reception   Grand Foyer   p.26	



#ssti2012 on Twitter

6:30 AM	Hatha Yoga   Conference C   p.8 5K Run/Walk   Lobby   p.8	
8:00 AM	Continental Breakfast   Grand Foyer	
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4:00 PM	Closing	



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**Monday, October 29, 6:15 AM | Conference C**  
**Tuesday, October 30, 6:30 AM | Conference C**  
**Hatha Yoga**

Start your days in Atlanta relaxed and rejuvenated by attending a complimentary Hatha yoga class. Our amazing instructor will guide you through softly flowing movements and deep breathing that will feel wonderful after a day of traveling and help focus your mind for the conference activities ahead. This session is designed to accommodate all ages, shapes, sizes and flexibility levels. Not one bit of experience is needed and registration is not required. Grab your hotel towel or bring your yoga mat and come as you are!

**Monday, October 29, 6:15 AM | Lobby**  
**Tuesday, October 30, 6:30 AM | Lobby**  
**Morning Pi Mile Run/Walk**

This is your chance to run the Tyler Brown Pi Mile, a 3.14 mile trail on the Georgia Tech campus. The route passes the Bobby Dodd Football Stadium, the Ross Chandler Baseball Stadium and many other Georgia Tech landmarks. You can join our local host/guide and fellow fitness-minded conference attendees to start the day and maintain your exercise regimen while traveling. Route maps will be provided if you prefer to travel the well-marked route at your own pace.



[www.nist.gov/mep](http://www.nist.gov/mep)

# MEP

*Making an Impact on  
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Three photographs are displayed in a row. The first shows a man with glasses and a beard working on a red plastic part. The second shows a woman in a yellow jacket operating a machine. The third shows two men, one in a dark jacket and one in a grey jacket, working on a yellow part.

\$3.6 billion new sales

\$1.9 billion investments

60,497 jobs created/retained

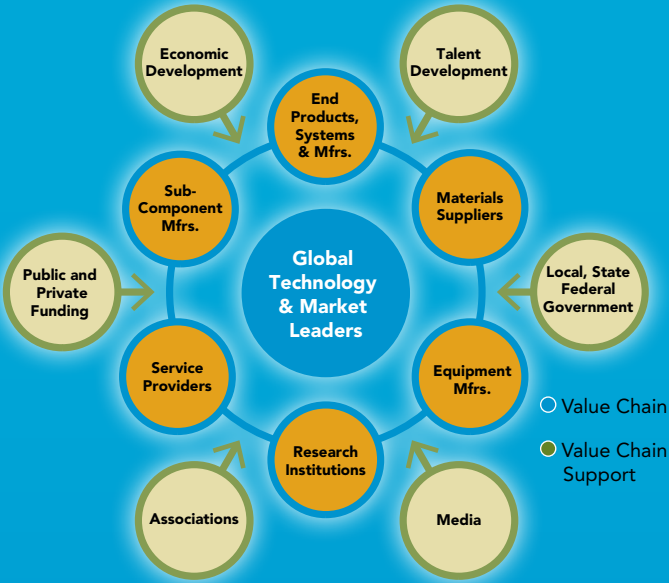
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As a catalyst for growing Northeast Ohio’s emerging technology industries, NorTech is leading efforts to develop regional innovation clusters that create jobs, attract capital and have a long-term economic impact for the region.



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To learn more visit [www.nortech.org](http://www.nortech.org)

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October 29, 8:15 AM | Grand Ballroom  
**Welcome and Opening Remarks**

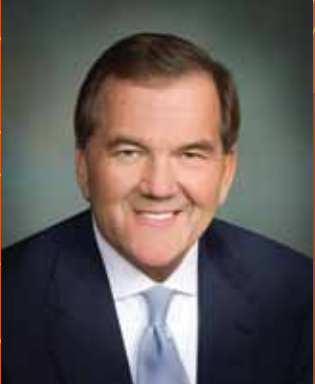
October 29, 8:45 AM | Grand Ballroom  
**Re-Thinking Economic Development in a Time of Transformation**

Change is constant. Every era ushers in forces requiring people, businesses, institutions and governments to adapt. The Great Recession, globalization, demographic shifts, and stunning technological advances herald a new era demanding significant transformation. You wouldn’t know that looking at how most economic development is practiced, however. *That* has to change.

**The Honorable Tom Ridge**  
Following the tragic events of September 11th, 2001, Tom Ridge became the first Assistant to the President for Homeland Security and, in January 2003, the first Secretary of the U.S. Department of Homeland Security. The creation of the country’s 15th Cabinet Department marked the largest reorganization of government since the Truman administration. During his DHS tenure, Secretary Ridge worked with more than 180,000-plus employees from a combined 22 agencies to create an agency that facilitated the flow of people and goods, instituted layered security at air, land and seaports, developed a unified national response and recovery plan, protected critical infrastructure, integrated new technology and improved information sharing worldwide.

Secretary Ridge previously served in the U.S. House of Representatives for six terms from 1983 to 1995, and was twice elected Governor of Pennsylvania, serving as the state’s 43rd governor from 1995 to 2001. Governor Ridge’s aggressive technology strategy helped fuel the state’s advances in economic development, education, health care and the environment.

Secretary Ridge is currently president and CEO of Ridge Global, an international security and risk management advisory firm, headquartered in Washington, DC. An engaging and dynamic speaker, Secretary Ridge regularly addresses audiences on a range of issues, including international business, security and leadership. Secretary Ridge also serves as chair of the SSTI Board of Trustees.



The Honorable Tom Ridge

In the opening keynote, Tom Ridge, the first secretary of the U.S. Department of Homeland Security and a former governor of Pennsylvania, will offer remarks challenging us to rethink how we encourage economic growth and factors we should consider in a new construct.



Richard A. DeMillo



Lenny Mendonca



Rohit K. Shukla



Erik R. Pages

October 29, 9:10 AM | Grand Ballroom

**Forces Re-Shaping Our Economy:  
Where Are They Taking Us?**

In rethinking economic development, re-orienting our organizations and programs, and re-energizing the best of our work, we need to make sense of disruptive trends and examine the forces reshaping our economy. What does it all mean for the approaches we’re taking to encourage economic growth through science, technology and innovation?

In this plenary session, thought leaders on operating in a global environment, capital, and higher education will share insights in these critical areas and the impact new developments are having and will have on the U.S. economy.

**Presenters:**

**Richard A. DeMillo**, *Distinguished Professor of Computing and Management, Director, Center for 21st Century Universities, Georgia Tech*  
**Lenny Mendonca**, *Director, McKinsey & Company, Inc.*  
**Rohit K. Shukla**, *CEO, Larta Institute*

**Moderator:**

**Erik R. Pages**, *President, Entre Works Consulting*

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Founded in 1880 by a small group of leading industrialists, ASME has grown through the decades to include more than 120,000 members in over 150 countries worldwide.

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October 29, 11:00 AM | Grand Ballroom

### Changing the Game: Innovating to Grow, Create Value and Refresh the World

Now more than ever, innovation is essential to the success of businesses and other organizations, cities, states and nations. With the pace of change continuing to accelerate across large parts of the global economy, a brand founded in the 19th century must remain in a continuous state of reinvention in order to stay relevant and vital in the 21st century. In his keynote address, Clyde Tuggle will discuss the growing need for innovation generally, while sharing some of the specific experiences of The Coca-Cola Company.

#### Clyde C. Tuggle

Clyde Tuggle joined The Coca-Cola Company in 1989 in the Corporate Issues Communications Department. During his 23 years with the company, Mr. Tuggle has served in numerous capacities as a senior executive in Atlanta and Europe, including Executive Assistant to then-Chairman and CEO Roberto C. Goizueta. In 2005, Mr. Tuggle was named President of the Russia, Ukraine & Belarus Business Unit. He later assumed his current position in 2009 as Senior Vice President, Chief Global Public Affairs and Communications Officer, reporting directly to Chairman and CEO Muhtar Kent.

Mr. Tuggle has been instrumental in driving Coca-Cola's social media strategy and implementation in response to the new media that has unfolded during the past decade. He is a trustee of the Georgia Research Alliance, and serves on the board of directors for the U.S.-Russia Business Council and the World Affairs Council of Atlanta. Clyde also is a Woodrow Wilson Visiting Fellow and is a member of the Council on Foreign Relations, the Goizueta Business School Advisory Board and the Yale University International Advisory Board.



Clyde C. Tuggle

**SSTI Proudly Presents the  
2012 Excellence in TBED Awards Ceremony**

**Monday, October 29, 11:30 AM | Grand Ballroom**

SSTI will present awards of excellence to six organizations across the country selected as models for states and regions investing in science, technology and innovation to grow and sustain their economies. This event showcases some of the most impressive solutions to critical economic development challenges that exist in local, state and regional communities.

**One of the greatest benefits of attending  
this conference is the access you get to many  
of the nation's top performing TBED organizations.**

**October 30, 8:30 AM – 9:45 AM | Grand Ballroom**  
**Power Roundtable: Achieving TBED Success**

Join the award winners after the big event for the second annual power roundtable session featuring small groups to promote dialogue and provide exposure to different viewpoints in the field. To guarantee you walk away with nearly two dozen ideas, we've designed a session centered on delivering expert advice and experienced insight from leaders of these six nationally recognized programs.

This year's winners will share their insight on securing sustainable funding sources, building influential networks and measuring results.



**TBED**  
**2012**  
Award for  
Excellence in  
Technology-Based  
Economic Development

**Excellence in TBED Award Winners 2007-2011**

**Expanding the Research Capacity**

- Kentucky's Bucks for Brains Endowment Match Program, 2011
- Maine Technology Asset Fund, 2010
- James & Esther King Biomedical Research Program, 2009
- Georgia Research Alliance Eminent Scholars®, 2007

**Commercializing Research**

- ACTIVATE®, 2011
- Washington Technology Center Research & Technology Development Program, 2009
- Maryland Technology Transfer Fund, 2008
- Georgia Research Alliance VentureLab, 2007

**Building Entrepreneurial Capacity**

- CONNECT, 2011
- JumpStart Inc., 2010
- TechColumbus TechStart Program, 2009
- SC Launch, 2008
- Technology 2020, 2007

**Increasing Access to Capital**

- BioEnterprise, 2011
- i2E, Inc. Oklahoma's Proof-of-Concept Fund, 2010
- JumpStart Inc., 2009
- Innovation Works Seed Fund, 2008
- Connecticut Innovations Eli Whitney Fund, 2007

**Improving Competitiveness of Existing Industries**

- Center for Integrated Manufacturing Studies at Rochester Institute of Technology, 2011
- Florida High Tech Corridor Council Matching Grants Research Program, 2010
- Innovation Works Innovation Adoption Grant Fund, 2009
- Connecticut Center for Advanced Technology, Inc. Manufacturing Supply Chain Integration, 2008
- The Maryland Industrial Partnerships Program, 2007

**Most Promising TBED Initiative**

- NorTech Regional Innovation Cluster Model, 2011

**Enhancing the Science & Technology Workforce**

- Connecticut Center for Advanced Technology, Inc. Education Initiative, 2009
- Virginia Council on Advanced Technology Skills, 2007



Learn more about  
our past winners and  
hear podcasts from  
all 26 awardees at  
[www.sstiawards.org](http://www.sstiawards.org)



October 29, 1:00 PM-2:00 PM  
Conference A, Conference B, Conference E, Conference 8,  
Salon I, Salon V

Discussion Groups

“It’s time to have a little talk ...”  
When conversations begin with these words, we’ve learned through experience that the topic is going to be important. Maybe even life changing. Regardless of the topic, these little talks almost always involve the power of the re- prefix. It’s time for the tech-based economic development community to have some of those little talks ....

Halfway into day one of our conference, and we’ve thrown a lot at you about the transformational changes underway in nearly every aspect of how we approach innovation and regional economic development. The next hour will let everyone bring their perspectives into the discussion of these issues. We need to be prepared to respond as a community one way or another, but we should start in smaller groups to give everyone a chance to react, share insights, and provide input on our collective path forward.

“... It’s our turn to listen.”  
Most of the rooms have a starting question to help get the conversation going, but these are your sessions. Each room will have a facilitator and scribe to capture the results of working together on these important issues. Any conclusions, decisions, or ideas coming out of each group will be shared with the larger community during the plenary Trends session Tuesday, 12:30 PM.

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For mobile users



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With economic development at a crossroads, this year's conference will re-examine every facet of the field, offering breakout sessions in four thematic tracks. Participate in the track that best suits your interest or mix-and-match to create a unique conference experience.

### Strategic Direction

Economic development never will be the same. Nor should it be. Around the world, innovation provides the underpinning for every discussion of growth and prosperity. All economic development – to be relevant – must become Technology-Based Economic Development. But even TBED must look to the power of re- to be more effective in the new reality. We need to examine the forces re-shaping our field, our communities, and our future. The four Strategic Direction sessions will help you refocus on the new fundamentals of supporting regional innovation and technology.

### Universities in Economic Development

There is little hyperbole in saying the promises of and pressures on America's institutions of higher education never have been greater in our country's history. Expectations abound for quantifiable economic outcomes from every education and research dollar invested in our colleges and universities. The four Universities in Economic Development sessions are focused on providing participants refreshing perspective for maximizing the returns on university engagement in economic development.

### From Theory to Practice

The economic and societal changes underway aren't leaving economic development practice in a vacuum. Proven models are adapting successfully. New alliances are pushing boundaries and achieving results. Creative new initiatives are providing exciting promise, as well as fast failures. As a community, we can glean practical advice and discuss the lessons we're learning as we redesign and refine TBED. The four From Theory to Practice sessions are designed to reinvigorate you with fresh ideas, ranging from simple tweaks for existing initiatives to major programmatic overhauls.

### Investment & Capital

These days, the search for capital is the primary activity of nearly everyone engaged in economic growth – from the researcher to the startup, the manufacturer, the nonprofit and, yes, the government. The four Investment & Capital sessions push the TBED field to repurpose our existing capital resources, realign our priorities to match opportunities and real needs, and renew how we work with all stakeholders who share vital interests in our regions' resilience and sustained prosperity.



SSTI welcomes NASVF members to SSTI membership as the seed and early stage innovation capital and tech-based economic development organizations join together.

Over the coming weeks, we'll be working with NASVF and SSTI members to get your input on the services you value and would like to have.

With your involvement, the result will be a stronger organization able to do more to serve you and to strengthen the economy.

To participate in an online survey go to: <http://tinyurl.com/9cj7bn4>

[www.ssti.org](http://www.ssti.org)

October 29, 2:30 PM-3:45 PM | Salon III

Strategic Direction  
The Convergence of TBED and Conventional Economic Development

All branches of development – community, economic, tech-based, and workforce – are converging around innovation. Specifically, the technology-driven innovation in research, discovery, and high growth companies. The paths of conventional economic development and TBED, in particular, are becoming increasingly intertwined, out of economic necessity, driven by specific approaches to growth such as cluster strategies, or plain old-fashioned politics. It could be a disaster.

On the contrary, we believe there is tremendous opportunity here for strong leadership combined with excellent strategy to increase coordination and efficiency, avoid costly redundancies, streamline programs, and achieve greater impacts. This new reality, with its opportunities and challenges, will be explored in a facilitated discussion with leaders involved in two states’ recent experiences with convergence.

**Discussants:**  
**Bill Bullock**, *Vice President*, Bioscience Industrial Development, North Carolina Biotechnology Center  
**Charles A. Hayes**, *President & CEO*, Research Triangle Regional Partnership  
**Eric Nakajima**, *Assistant Secretary for Innovation Policy*, Executive Office of Housing and Economic Development, Massachusetts

**Moderated by:**  
**Deborah Cummings**, *Senior Program Manager*, Battelle Technology Partnership Practice

October 29, 2:30 PM-3:45 PM | Conference B

Universities in Economic Development  
University Economic Development: Empirical Research on What Works

The U.S. higher education system is in the throes of a radical reinvention. Universities are re-evaluating and expanding their role in the regional economy and breaking down the walls between town and gown. In this session, a panel of scholars will explore what these changes mean for those trying to leverage the innovation potential of universities and highlight examples of institutions that are leading the way toward the university of the future.

**Discussants:**  
**Jennifer Clark**, *Associate Professor*, School of Public Policy and *Director*, Center for Urban Innovation, Ivan Allen College, Georgia Institute of Technology  
**Sarfraz A. Mian**, *Professor*, Strategic Management and Entrepreneurship and *Chair*, Marketing & Management Department, School of Business, State University of New York, Oswego  
**Jan L. Youtie**, *Director*, Policy Research Services, Enterprise Innovation Institute and *Adjunct Associate Professor*, School of Public Policy, Georgia Institute of Technology

**Moderator:**  
**Bubba Weir**, *Vice President for Innovation Resources Development*, Mississippi Technology Alliance

October 29, 2:30 PM-3:45 PM | Salon IV

From Theory to Practice  
Rejuvenating Our Approach Through The Years

A shared vision in 1990 by industry, university and government to make Georgia a powerhouse for leading edge university R&D led to the creation of the Georgia Research Alliance and set the stage for Georgia’s rise as an international force in science, technology and innovation. Georgia’s success can be attributed in large part to two things: 1) the strength of partnerships between industry, its universities, and the state; and, 2) organizations and initiatives changing to reflect new circumstances and opportunities. We’ll consider the role played by two organizations, the Georgia Research Alliance and the Technology Association of Georgia, and how they’ve evolved over time.

**Presenters:**  
**C. Michael Cassidy**, *President & CEO*, Georgia Research Alliance  
**Tino Mantella**, *President & CEO*, Technology Association of Georgia

October 29, 2:30 PM-3:45 PM | Conference A

Investment & Capital  
SOCAP, Impact Investing and TBED: Is There a Nexus?

A 2010 report by JP Morgan and the Rockefeller Foundation stated, “We believe that Impact Investing will reveal itself to be one of the most powerful changes within the asset management industry in the years to come.” With TBED investment portfolios full of companies in high social impact sectors like alternative energy, healthcare and education, is there a way for TBED to harness these dollars? This session will explore the potential synergies of “social capital” and TBED investment portfolios. Participants will learn the goals and motivations of impact investors as well as what is available now (and expected/needed in the future) to utilize this growing investment trend for the benefit of TBED clients.

**Presenters:**  
**Tom Balderston**, Balderston Capital, LLC and SustainVC, LLC and G.P. of Patient Capital Collaborative Funds  
**Jennifer Pryce**, *Managing Director*, Strategic Initiatives, Calvert Foundation

**Moderator:**  
**John Sider**, *Managing Director of Statewide Initiatives*, Ben Franklin Technology Partners



October 29, 4:15 PM-5:30 PM | Conference B

**Strategic Direction**  
**Re-Defining Roles in Innovation Ecosystems**

The Great Recession, fiscal austerity, and renewed private interest in regional issues should cause all practitioners and policymakers to pause and ask: what are the new public and private roles in state and regional economic development? Connecticut’s approach to that question provides the starting point for a provocative discussion to rethink how we encourage regional innovation – including who has responsibility for what.

**Presenters:**

**Matthew Nemerson**, *President & CEO*, Connecticut Technology Council  
**Casey Pickett**, *Director of Innovation*, Connecticut Department of Economic and Community Development

October 29, 4:15 PM-5:30 PM | Salon IV

**Universities in Economic Development**  
**Proof-of-Concept Programs: Bringing Research to the Marketplace**

Universities across the country are turning to proof-of-concept programs to determine the commercial viability of university research, fill the seed-stage funding gap for new technologies, and get results to market faster. These programs have proven potential to attract research funding, produce spin-off companies and spur private investment. We’ll provide results of a new SSTI survey of the programs and explore best practices of proof-of-concept programs that are effectively turning university research into commercially-viable products.

**Presenters:**

**Eric A. Gulve**, *President*, BioGenerator  
**H. Lee Herron**, *Vice President of Commercialization*, Georgia Research Alliance

**Moderator:**

**Rob Ksiazkiewicz**, *Policy Analyst*, SSTI

October 29, 4:15 PM-5:30 PM | Conference A

**From Theory to Practice**  
**No Failure, No Success**

Most startups fail. So can initiatives to support startups and help new industries take off. Like startups, TBED programs that “do not meet expectations” are only failures if we don’t learn something from them. Trial and error are the lifeblood of innovation, but we seldom talk about the upsides of that risk – specifically lessons learned from failures within economic development policy or implementation. This open discussion will let us explore the limits of economic development initiatives: what we can and cannot do effectively. We will discuss how initiatives can go off course, how to regroup after they do, and how to frame public discussion around risk and failure.

**Discussion led by:**

**Dan Berglund**, *President & CEO*, SSTI

October 29, 4:15 PM-5:30 PM | Salon III

**Investment & Capital**  
**Capitalizing on Federal Capital Programs**

Federal capital programs don’t always mesh with the needs of TBED client firms. Recent efforts, however, such as the Treasury’s State Small Business Credit Initiative (SSBCI), have tried to build flexibility and experimentation into their design. Additionally, the SBA’s Small Business Investment Corporation program is working to move into earlier stage deals. In this session we’ll explore the potential SSBCI holds for TBED clients as well as gain expert insights from one of the most successful venture development organizations working with federal capital initiatives.

**Presenters:**

**Cliff Kellogg**, *Director*, Office of State Small Business Credit Initiative, U.S. Department of the Treasury  
**John Morris**, *President & CEO*, Tech 20/20

**Moderator:**

**Tom Walker**, *President & CEO*, TechColumbus





**Monday, October 29, 5:30 PM | Grand Foyer**  
**Battelle National Innovation Reception**

Networking takes center stage during the Battelle National Innovation Reception. You'll find yourself immersed in a vibrant community of individuals who share your passion for bold, innovation-centered ideas. You'll engage in stimulating conversation with policymakers, world-class faculty leaders and expert practitioners—all while enjoying drinks and delicious hors d'oeuvres in a fun and relaxing atmosphere.

**Monday, October 29, 7:00 PM**  
**Dinner Dine-Around Atlanta**

Filled with creative concepts, Atlanta dining offers something to tickle the taste buds of even the most fickle foodie. The Dine-Around, sponsored by Innovation Policyworks, provides an excellent opportunity to sample some of the best places to eat in Atlanta. Our local hosts have lined up delicious options including a sophisticated Southern kitchen, a Thai bistro, an eccentric burger joint and more. In addition to sampling some of the local fare, you will have an opportunity to meet and network with attendees from around the nation. Each attendee is responsible for his/her own bill and gratuity. The choice isn't weather you should go or not, but which restaurant to choose!

Sign up at the conference Registration Table to enjoy dinner at one of the following restaurants:

- South City Kitchen Midtown
- Tamarind Seed
- The Vortex
- Baraonda
- Six Feet Under Pub & Fish House
- Steel Restaurant

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Idaho National Laboratory

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October 30, 8:30 AM-9:45 AM | Salon IV

**Strategic Direction**  
**Diversifying Your Revenue Sources: Foundations as Stakeholders**

How many different sources of support do you have for your TBED initiative? State economic development spending fell almost 40% from FY09 to FY12, according to the Center for Regional Economic Competitiveness. Fortunately, foundation investments in TBED appear to be increasing. This session will re-excite your development team as we highlight examples drawn from SSTI research and discuss the implications and opportunities in this trend.

**Discussion led by:**  
**Benjamin Au**, *Assistant Director*, Regional Innovation Acceleration Network (RIAN)  
**Lathania Brown**, *Research Associate for Foundation Engagement*, SSTI

October 30, 8:30 AM-9:45 AM | Salon III

**Universities in Economic Development**  
**University/Industry Engagement for Economic Growth**

Universities can be key resources in corporate innovation strategies by providing them access to world-class facilities and talent. With state and federal budget pressures, it would be wise for research institutions to build even stronger relationships with industry. During this session, attendees will gain insight into university/industry engagement models that provide a holistic and industry-focused approach to support collaboration between academia and industry.

**Presenters:**  
**Ted McAleer**, *Executive Director*, USTAR  
**Stella T. Wixom**, *Interim Executive Director*, Business Engagement Center, University of Michigan

**Moderator:**  
**Marlit Hayslett**, *Director*, Office of Policy Analysis and Research, Georgia Tech Research Institute

October 30, 8:30 AM-9:45 AM | Conference A

**From Theory to Practice**  
**Power Roundtable: Achieving TBED Success**

When seeking advice for your practice or looking for new ideas, there is no substitute for one-on-one interaction with seasoned practitioners from some of the nation’s top-performing TBED organizations. True to the power roundtable format, this session moves you around the room to promote dialogue and provide exposure to different viewpoints in the field. Learn from some of the freshest thinkers in the game on topics such as: gaining momentum and support from legislators and key stakeholders; developing partnerships with community and industry leaders; and, measuring results to help convey impact and successes to the public.

**Discussion led by:**  
**Sheri Stickley**, *President & CEO*, Oklahoma Bioscience Association

October 30, 8:30 AM-9:45 AM | Conference B

**Investment & Capital**  
**Private Capital, Public Purpose**

More and more, private capital and private organizations are key drivers in regional innovation support. The regional commitment embedded in the missions of these private efforts goes beyond typical ROI. This panel discussion will consider the advantages and disadvantages for 100% private funding of regional economic development. We’ll search for the right balance for when, where, and how private sector funding can work most effectively to support regional innovation.

**Discussants:**  
**Tim Bour**, *Executive Director*, Innovation Center of the Rockies  
**David L. Johnson**, *President & CEO*, BioCrossroads  
**Tim Williamson**, *Co-Founder and CEO*, The Idea Village

**Moderator:**  
**Mark Skinner**, *Vice President*, SSTI and *Director*, Regional Innovation Acceleration Network (RIAN)

October 30, 10:15 AM-11:30 AM | Salon IV

Strategic Direction  
Re-Orienting Your Organization for Today’s Economy

Thinking about changing the direction and focus of your organization is fine in theory, but how does it happen in practice? How do you determine it is time for a change, identify what the new direction should be, and bring stakeholders, including elected officials and employees, along? In this session, we’ll look at how three organizations at the local, state, and federal level have re-oriented their work to reflect the changing economy and the needs of their clients.

**Discussants:**  
Aimee Dobrzeniecki, *Deputy Director*, NIST Manufacturing Extension Partnership  
Michael A. Finney, *President & CEO*, Michigan Economic Development Corporation  
Brian McGowan, *President & CEO*, Invest Atlanta

**Moderator:**  
Susan G. Shows, *Senior Vice President*, Georgia Research Alliance

October 30, 10:15 AM-11:30 AM | Salon III

Universities in Economic Development  
Faculty Entrepreneurship Revisited

These days, more and more universities seem to be doing something to encourage faculty entrepreneurship. At the same time, many research-oriented faculty members would be challenged as startup CEOs. Are these conflicting perceptions? Perhaps there is an answer. Comprehensive, flexible programs and innovative, “lean” models like the National Science Foundation’s I-Corps provide approaches that warrant our exploration for results and possible replication. In this session, we’ll answer: what are the criteria for successful faculty entrepreneurship?

**Presenters:**  
Judith Cone, *Special Assistant to the Chancellor for Innovation & Entrepreneurship*, University of North Carolina at Chapel Hill  
Rathindra “Babu” DasGupta, *Program Director*, Industry/University Cooperative Research Centers Program, National Science Foundation

**Moderator:**  
Marnie LaVigne, *Associate Vice President for Economic Development*, University at Buffalo

October 30, 10:15 AM-11:30 AM | Conference A

From Theory to Practice  
Recent Federal Efforts: What’s Happened, What’s Working  
and What Should Change

Whether it’s multi-agency initiatives such as i6 Challenge Jobs and Innovation Accelerator Challenge or single agency activity at the U.S. Department of Energy, the National Science Foundation, and the Small Business Administration, the federal government’s involvement in encouraging economic growth through science, technology and innovation has escalated in recent years. In this discussion session, we’ll review what the federal government has done, how it has worked for the tech-based economic development community, and what changes should be made to improve the federal programs.

**Discussion led by:**  
Rebecca O. Bagley, *President & CEO*, Nortech

October 30, 10:15 AM-11:30 AM | Conference B

Investment & Capital  
Funding the Next Stage: Helping Companies Expand

Most TBED capital programs focus on early stage companies and the “valley of death.” Firms also need infusions of capital as they expand toward profitability. Without this support, many companies never create many new jobs or flourish. In this session, we’ll reconsider the needs of later stage companies and examine strategies to connect them to sources of capital. Join the discussion and share your own experiences with later stage capital markets.

**Presenters:**  
Toby Rittner, *President & CEO*, Council of Development Finance Agencies  
Susan E. Streich, *Senior Associate*, Booz Allen Hamilton

**Moderator:**  
Phillip Battle, *Policy Analyst*, SSTI







The most comprehensive resource available for those involved in technology-based economic development.

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As your advocate for improving local, state and regional economies, SSTI provides you with funding opportunities, timely information on best practices in investing in science and technology, customized technical assistance, and the latest news affecting the tech-based economic development community.

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- **SSTI Weekly Digest:** SSTI's weekly electronic newsletter provides readers with valuable, timely information on critical issues affecting the tech-based economic development community.
- **Monthly Webinars:** SSTI hosts a webinar on the major issues and initiatives impacting technology-based economic development every third Thursday at 3:00 PM ET. The live interactive webinars provide a convenient and cost-effective platform to learn about new approaches and tools that can help you in your work.
- **Board Member Dinner:** An opportunity to relax and connect privately with other State and Sustaining Members and VIPs attending SSTI's Annual Conference
- **Conference Agenda Input:** The chance to help shape the agenda at SSTI's Annual Conference by suggesting and rating session ideas.
- **Member-Only Discounts:** SSTI members enjoy significant discounts on registrations for the Annual Conference, webinars and awards program, as well as unlimited position postings in the SSTI Weekly Digest.

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Open to state science and technology programs with annual budgets below \$1 million.
- **Sustaining Member \$2,000**  
Open to Affiliate Members that would like to receive additional benefits, exclusive invitations to networking events and personalized technical assistance hours.
- **Affiliate Member \$750**  
Open to local and regional tech-based economic development programs, universities, trade associations, tech councils, incubators, manufacturing extension centers, research parks, and other tech-based economic development groups providing services to companies. Affiliate Members are eligible to upgrade to Sustaining Membership for additional benefits.
- **Supporter Member \$750**  
Open to for-profit and consulting organizations, retired persons or individuals who are employed outside of the tech-based economic development field and all other groups interested in tech-based economic development. This category is open to individuals who are not employed or actively involved with a technology-based organization and want to stay involved with SSTI. If the individual's status changes, the individual must transfer the membership to the appropriate organizational membership and category.



Join SSTI today at [www.ssti.org](http://www.ssti.org).

Together we can have the greatest impact on developing policies and administering programs that enhance our community.



October 30, 12:30 PM-1:30 PM | Grand Ballroom

**Trends, New Developments and the Road Ahead for TBED**

In this perennial favorite, we'll tie together what we've learned through discussions during the interactive plenaries and breakout sessions with the addition of SSTI's distillation of the latest trends in tech-based economic development, the most daunting challenges ahead and their implications. Aided by instant polling and active audience participation, SSTI's president and CEO will serve as both provocateur and community builder in this engaging session.

**Discussion led by:**

**Dan Berglund, President & CEO, SSTI**

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Sixteen years ago, the *SSTI Weekly Digest* launched with two pages faxed to a distribution list of 56. When we started the Digest, some expressed concern about not having enough material to produce a weekly newsletter; as it turned out, that's never been a problem.

Now, there are multiple ways to receive the news from us. Facebook and Twitter are our primary mechanisms for getting you the latest news as fast as we can. The Digest remains the weekly source for the most important news to the tech-based economic development community and can be received via e-mail or read on our website.

**Take a moment, and connect with us.**



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***A trusted advisor to the  
technology-based economic development community***

Cathy worked with us for over a year to accelerate our adoption of innovation and growth services to reignite Oklahoma's manufacturing sector. Her knowledge of the state and regional innovation-based economic development ecosystem enabled our organization to better integrate our efforts with state growth strategies.

*Chuck Prucha, President/CEO, Oklahoma Manufacturing Alliance*



Cathy's contribution has been invaluable. I appreciate her willingness to take such an active role when MCED needed it most. Several Board members have told me that getting Cathy involved over the past few months has been critical in getting us to where we are, which is talking about long term, strategic issues, instead of just survival.

*Ed McKersie, Chair, Board of Directors, Maine Center for Entrepreneurial Development*

We have used Cathy's firm to help us establish national benchmarks for Georgia through the preparation of the *Georgia Innovation Index*. Cathy's national perspective and expertise in evaluation make her one of my go-to advisors in the technology-based economic development community.

*Michael Cassidy, President and CEO, Georgia Research Alliance*

**196 Maine Street ♦ Brunswick, ME 04011 ♦ (207) 522-9028  
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October 30, 2:00 PM-4:00 PM | Conference E

**The University’s Role in an Innovation Ecosystem:  
The Georgia Tech Approach**

For decades, the Georgia Institute of Technology (Georgia Tech) has been recognized internationally as a model for the university’s role in a thriving innovation ecosystem. With an innovation ecosystem strategy based on transformational research, strengthening regional partnerships and economic development impact, Georgia Tech is an integrating force to promote (and provoke) disruptive thought, use-inspired research, experimentation and accelerated implementation through novel educational, research and industry partnership programs. Delegations across the globe travel to Atlanta to learn what Georgia Tech is doing and how they have done it. Join key members of the Georgia Tech team as they provide an insider’s perspective into this highly successful model. Attendees also will have an opportunity to take a guided tour of Georgia Tech’s Advanced Technology Development Center and meet with some of Georgia Tech’s most promising spin-off companies.

**Presenters:**  
**Steve Cross**, *Executive Vice President for Research*, Georgia Institute of Technology  
**Stephen Fleming**, *Vice President*, Georgia Tech Enterprise Innovation Institute

October 30, 2:00 PM-4:00 PM | Salon I & II

**Re-Igniting Innovation: A Hands-On Experience**

Everyone wants to promote innovation, but is there a way to systematically support something that is so inherently creative? MEP Centers have been working with an approach called “Innovation Engineering®,” which provides discipline and structure to the innovation process. This session will: provide an overview of the Innovation Engineering® Management System; share several tools designed to foster and manage creativity; use company case studies to allow participants to experience and practice use of the tools; and deliver a way to help companies at all stages to distinguish themselves as “meaningfully unique” as they identify the new products, new markets, and new services to help grow their business.

**Presenter:**  
**Catherine S. Renault**, *Principal*, Innovation Policyworks, LLC

October 30, 2:00 PM-4:00 PM | Conference A

**Our Federal Strategy: SSTI’s Work in DC**

SSTI partnered with The Sheridan Group over a year ago to increase our presence in Washington, DC, and create an important dialogue on technology-based economic development with our national leaders. In this session, you will learn more about the priorities of SSTI, the efforts we have undergone, and the accomplishments over this past year. In addition, you will be provided with tips and information on ways to engage with your local, state and congressional leaders and get them more involved in the work your organization is doing to improve the local economy.

**Discussion led by:**  
**Tom Sheridan**, *President*, The Sheridan Group



Webinar Series

# Inspiring Thought

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SSTI Webinars are a great way to keep up on the major issues and initiatives impacting technology-based economic development. The live interactive webinars provide a convenient and cost-effective platform to learn about new approaches and tools that can help you in your work.

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**Battelle** is the world’s largest nonprofit research and development organization, creating value through innovation for our clients, the nation and the world. The Technology Partnership Practice (TPP), the technology-based economic development consulting arm of Battelle, focuses Battelle’s broad capabilities to better serve state and local organizations, universities, and other nonprofit technology organizations. TPP’s expertise includes technology strategies and roadmaps, economic impact analyses, research core competency assessments, and the design of technology centers, research parks, and other research consortia. **battelle.org**



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**The National Institute of Standards and Technology’s Manufacturing Extension Partnership (MEP)** works with small and mid-sized U.S. manufacturers to help them create and retain jobs, increase profits, and save time and money. MEP is America’s #1 resource for helping manufacturers compete against low price competition. **nist.gov/mep**



Visit the **Energy Innovation Portal**, an online resource highlighting technology innovations from the Department of Energy’s National Laboratories and partners. Whether you are looking for summaries of clean energy technologies for licensing or listings of US patents and patent applications, the Energy Innovation Portal is your first stop. **http://techportal.eere.energy.gov**



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**NorTech** is a regional nonprofit technology-based economic development organization serving 21 counties in Northeast Ohio. As a catalyst for growing Northeast Ohio’s emerging technology industries, NorTech is leading efforts to develop regional innovation clusters that create jobs, attract capital and have a long-term, positive economic impact. **nortech.org**



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**Dine-Around**

**Innovation Policyworks** helps managers of innovation and entrepreneurship programs deliver the most effective and efficient assistance to companies in their region. Our principal, Dr. Catherine S. Renault, has been delivering results in rural states for over 20 years, most recently as Director of the Office of Innovation for the State of Maine. **innovationpolicyworks.com**

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**TechColumbus** is charged with driving Central Ohio’s innovation economy by providing vital resources and assistance to the entrepreneurs and enterprises that depend on technology to achieve their business goals. Find out more about the programs and services that we provide by visiting us at **techcolumbus.org**

**Friends of TBED**

**i2E, Inc.** is a private not-for-profit corporation focused on growing technology-based companies in Oklahoma and making a positive impact on the state’s economy. Our mission, “Home grown economic development by fostering the birth and nurturing the growth of advanced technology companies in Oklahoma,” is achieved by working directly with entrepreneurs, researchers and companies to help them commercialize their technologies, launch and grow new businesses and access needed capital. **i2E.org**

**Innovation** is a bimonthly magazine published by Technology Ventures Corporation in partnership with the U.S. DOE. It reports on new technologies, entrepreneurial activity, topics of interest to investors, activity at DOE and other national laboratories, and issues concerning technology transfer. **innovation-america.org**

The **Greater Oklahoma City Chamber** is the voice of Business and the visionary organization in Oklahoma City, consisting of more than 4,000 members. It provides economic development services to the city of Oklahoma City and Oklahoma County. In addition to the retention and expansion of existing companies and the recruitment of new ones, the Chamber has become a leader in entrepreneurship and an advocate for targeted industries in the region. **greateroklahomacity.com**

**Oak Ridge National Laboratory (ORNL)** is the largest science and energy national laboratory in the Department of Energy system. ORNL’s scientific programs focus on materials, neutron science, energy, high-performance computing, systems biology and national security. ORNL partners with the state of Tennessee, universities and industries to solve challenges in energy, advanced materials, manufacturing, security and physics. The laboratory’s science and technology innovations are translated into applications for economic development and global security. **ornl.gov**

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For more than 20 years, the **Georgia Research Alliance** has driven Georgia's TBED strategy. A partnership of the state's corporate, academic and government leadership, GRA expands frontier research in Georgia's universities to launch new companies and create high-value jobs. GRA accomplishes its work by recruiting world-class scientists, investing in state of the art infrastructure, and helping to commercialize discovery and invention. Since 1990, GRA has directed some \$565 million in state funding, which has brought a return of \$2.6 billion in new federal and private funds for research and startup capital; the launch of 300+ companies; and the creation of nearly 6,000 high-tech jobs. [gra.org](http://gra.org)

The **Georgia Institute of Technology** is one of the nation's top research universities, distinguished by its commitment to improving the human condition through advanced science and technology. Georgia Tech provides the state of Georgia with a comprehensive program of business assistance and economic development led by the Georgia Tech Enterprise Innovation Institute (EI<sup>2</sup>). As Georgia Tech's primary business outreach organization, EI<sup>2</sup> helps enterprises of all kinds apply science, technology, and innovation to improve their competitiveness. EI<sup>2</sup> services are provided through a statewide system of regional offices, and the organization's headquarters in Atlanta. [gatech.edu](http://gatech.edu)

**Invest Atlanta** is the official economic development authority for the City of Atlanta. Its purpose is to strengthen Atlanta's economy and global competitiveness in order to create increased opportunity and prosperity for the people of Atlanta. Invest Atlanta is governed by a 9 member board of directors, chaired by the Mayor of Atlanta.

Invest Atlanta's programs and initiatives focus on developing and fostering public-private partnerships to accelerate job creation/economic growth, neighborhood revitalization/investment and innovation/entrepreneurship. Invest Atlanta's economic tools include bond financing, revolving loan funds, housing financing, tax increment financing and tax credits. [investatlanta.org](http://investatlanta.org)

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The **British Consulate-General-Atlanta**, through its Vice Consul for Science and Innovation, is responsible for identifying emerging technologies of interest and appropriating new partners in the Southeast US and UK scientific communities in both academia and industry. As a result, many successful collaborations, knowledge exchanges and partnerships have been fostered to deliver mutually beneficial outcomes. [ukinusa.fco.gov.uk](http://ukinusa.fco.gov.uk)

**Emory University** is a leading research university that includes nine highly ranked colleges and professional schools and the state's most comprehensive health system. Emory's Woodruff Health Sciences Center is pioneering new ways to prevent and treat disease, driving technology-based economic development through translation of research into life-saving products, serving the local and global communities, and preparing the next generation to save and improve lives. [emory.edu](http://emory.edu)

**Georgia Health Sciences University** (GHSU) is the state's only public academic health center, which along with its integrated and closely aligned Health System contributes over \$12 billion annually to Georgia's economy. Through its technology transfer programs, including the Life Sciences Business Center, GSHU helps to bring scientific breakthroughs from bench to bedside. [georgiahealth.edu](http://georgiahealth.edu)

Located in the heart of downtown Atlanta, **Georgia State University** is one of the country's leading urban research universities. GSU is at the forefront of cloud computing and houses one of the world's largest Visualization Walls, which provides access to research opportunities for the campus and the community. GSU scientists are also engaged in innovative new research in areas such as biotechnology, drug design, information security and nanotechnology. [gsu.edu](http://gsu.edu)

The **Metropolitan Atlanta Chamber of Commerce** helps create jobs, build companies and tackle issues with the goal of bringing the best together to help Atlanta thrive. Over the last 10 years, our project managers have recruited more than 500 companies creating 55,000 high-paying jobs. We focus on recruiting headquarters and global business -- and companies in the supply chain and advanced manufacturing, bioscience and health IT, technology, clean tech and business services sectors. In public policy, we tackle critical issues such as transportation, water and education. [metroatlantachamber.com](http://metroatlantachamber.com)

The **Technology Association of Georgia** (TAG) is the state's leading technology industry association, serving nearly 17,000 members and hosting over 200 events each year. TAG's mission is to educate, promote, influence and unite Georgia's technology community to foster an innovative and connected marketplace that stimulates and enhances a tech-based economy. [tagonline.org](http://tagonline.org)

The mission of **The University Financing Foundation** (TUFF) is to assist Institutions of education and research in the planning, development, and financing of facilities and equipment at below-market costs. The Georgia Tech Technology Square Research Building, an anchor of Midtown Atlanta's Innovation Corridor, is one of many cutting-edge research facilities TUFF has been a partner in bringing online quickly and efficiently. [tuff.org](http://tuff.org)

**The University of Georgia** is the state's oldest and most comprehensive institution of higher education. UGA research addresses real-life problems, including the grand challenges associated with water, food, fuel, environment and health. The university supports an array of programs to move UGA innovations into the marketplace and encourage research-based economic development. [uga.edu](http://uga.edu)



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**TAG**  
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of Georgia



**The University of Georgia**

**Benjamin Au**

Benjamin Au is the Assistant Director of the Regional Innovation Acceleration Network (RIAN) project at SSTI. RIAN supports the Venture Development Organization (VDO) community across the country, and provides information and best practices to communities wanting to improve or create a VDO in their region. During his time at SSTI, Mr. Au has developed metrics for measuring the performance of VDOs, conducted research on accelerators, and produced, edited, and published content for the RIAN website. In partnership with SSTI colleague Rob Ksiazkiewicz, he is working on a compendium of the innovation and manufacturing programs across the county. Prior to coming to SSTI, Mr. Au worked for the Office of Sustainability for the City of Dublin, Ohio, and has worked for the U.S. Department of State, Indiana University, and the Culver Academies. He also moonlights as a high school girls soccer coach. Mr. Au received his B.A. in Political Science/International Relations from Carleton College and his M.P.A. from the Indiana University School of Public and Environmental Affairs.

**Rebecca O. Bagley**

Rebecca Bagley is President and Chief Executive Officer of NorTech, a regional nonprofit technology-based economic development organization that serves 21 counties in Northeast Ohio. As a catalyst for growing Northeast Ohio's technology industries, NorTech is leading an effort to develop regional innovation clusters that will spur job creation, capital attraction, and long-term positive economic impact. Ms. Bagley joined NorTech in July 2009, bringing a wealth of experience and leadership as a nationally recognized expert in technology-based economic development. She leads the organization's effort to develop regional technology clusters and make the region more economically diverse by supporting and nurturing Northeast Ohio's most promising technology projects and initiatives. She connects with small and large industry, universities, and state and federal government to raise the visibility of Northeast Ohio's technology assets and drive funding to the region. Previously, Ms. Bagley served as Deputy Secretary for the Technology Investment Office of the Pennsylvania Department of Community and Economic Development (DCED). Before joining DCED, she worked for several investment banks, most notably JPMorgan Chase, where she advised energy and technology companies on merger and acquisitions and raising capital in the high yield-bond group and oil and gas group. Ms. Bagley is a frequent guest speaker at national, regional and state venues on the topics of regional innovation cluster development and measurement for technology-based economic development initiatives. She also is a contributing writer for Forbes.com where she writes about transforming regional economies in her blog, Making It Work. She serves on the National Association of Seed and Venture Funds (NASVF) Board of Directors, State Science Technology Institute (SSTI) Board of Trustees (Finance Committee Chair), and the U.S. Department of Commerce Innovation Advisory Board, among numerous others. Ms. Bagley holds a Bachelor of Science degree from the University of Colorado at Boulder.

**Tom Balderston**

Tom Balderston has been building and managing venture capital portfolios for more than 25 years as a general partner, limited partner and angel investor in companies and funds. Mr. Balderston formed Balderston Capital in 2001 with a focus on angel and early stage investments in emerging companies in the environmental and social impact space. He is on the board of Investors Circle, a national angel network of socially responsible investors and is a partner in its affiliated angel funds, the Patient Capital Collaborative. He has invested in and advised companies and venture and private equity funds. While also handling his

investments and projects at Balderston Capital, Mr. Balderston also served from July 2006 to June 2009 as President and CEO of the Mid-Atlantic Capital Alliance, now called Greater Philadelphia Alliance for Capital and Technologies, the regional venture community association. Prior to founding Balderston Capital, he was President of SGI Capital, the private equity investment unit of Superior Group, a family-owned holding company. Mr. Balderston also worked with TDH Group from 1985-1998 where he was a General Partner of its TDH III, LP venture fund and Co-founder of its management company. Earlier in his career, he worked for Bank of Boston in middle-market lending both in Boston and Los Angeles. Mr. Balderston serves on numerous private company boards and fund advisory committees and is active on a number of community boards as well. Currently, in addition to Investors Circle, he serves on the board of the Ben Franklin Technology Center of Southeastern PA and its Executive Committee. In July 2012, Mr. Balderston was appointed by Governor Tom Corbett to the Ben Franklin Technology Development Authority, which oversees the Ben Franklin program. Mr. Balderston holds a M.B.A. from the UCLA Graduate School of Management with a concentration in Finance and a B.A. from Williams College.

**Phillip Battle**

Phillip Battle is a policy analyst for SSTI. Mr. Battle writes for the SSTI Weekly Digest, manages SSTI's online resources and curates the @ssti\_org Twitter feed. Prior to joining SSTI, he served as a student consultant for the Texas Emerging Technology Fund. As part of his Master's report, Mr. Battle prepared an overview of that program with recommendations based on the practices of other state high-tech venture funds. He also has worked as a graduate research assistant at the IC2 Institute in Austin and as a member of the 2006 World Congress on Information Technology policy research team. Mr. Battle holds a M.P.Aff. from the LBJ School of Public Affairs at the University of Texas at Austin.

**Dan Berglund**

Dan Berglund is the President and CEO of SSTI, a nonprofit organization that leads, supports, and strengthens efforts to improve state and regional economies through science, technology, and innovation. SSTI is the most comprehensive resource available for those involved in technology-based economic development. Leading SSTI since its inception in 1996, Mr. Berglund has helped SSTI develop a nationwide network of practitioners and policymakers dedicated to improving the economy through science, technology and innovation. SSTI works with this network to assist states and communities as they build tech-based economies, conduct research on best practices and trends in tech-based economic development, and encourage cooperation among and between state and federal programs. Prior to joining SSTI, Mr. Berglund worked as a consultant and for the Ohio Department of Development in a variety of positions, including Acting Deputy Director of the Division of Technological Innovation.



**Tim Bour**

Tim Bour has been the Executive Director of the Innovation Center of the Rockies (ICR), formerly the Boulder Innovation Center, since August of 2007. Since that time, he has established the ICR as a commercialization partner for the University of Colorado, Colorado School of Mines, Colorado State University and the University of Denver. Mr. Bour met with over 125 university research teams and facilitated the formation of 10 new startups based on university IP. Prior to ICR, he was an Executive Vice President at Circle Graphics, a wide format digital printing company. During that time Mr. Bour re-engineered the printing manufacturing operations at Circle leading to private equity investment from TA Associates. As founder and CEO of Cielo Communications from 1997 to 2001, he secured over \$45 million in venture capital while overseeing the development of the first gigabit optical transceiver used by Cisco Systems. Previously, he spent 13 years at Hewlett Packard where he worked as worldwide marketing manager for the fiber optics components business. He was an Ernst and Young Finalist “Entrepreneur of the Year” in the Rocky Mountain Region in June 1999. Mr. Bour received a Bachelor of Science in Chemical Engineering (magna cum laude) from the University of Cincinnati and an M.B.A. from The Ohio State University.

**Lathania Brown**

Lathania Brown is a SSTI Research Associate for Foundation Engagement exploring the roles that foundations play in economic development centered on science, technology, and innovation. As a part of her research, she has spent much time talking to some of the most prominent leaders in the foundation sector, finding out their perspectives on and interests in the tech-based economic development field. Ms. Brown hopes to include this specific research in her broader work that examines the role the private sector plays in working for the public good. She explores this broader research interest as a doctoral student at The Ohio State University’s John Glenn School of Public Affairs. Before attending The Ohio State University, Ms. Brown earned her undergraduate degree in Neuroscience and worked as one of the founding members of a small technology firm, Tacit Web Solutions.

**William O. Bullock**

William Bullock is Vice President of Bioscience Industrial Development for the North Carolina Biotechnology Center, a private, nonprofit corporation located in Research Triangle Park, dedicated to providing long-term economic benefit to North Carolina through support of biotechnology research, development and commercialization statewide. Mr. Bullock’s direct efforts focus on facilitating life science company expansion within, and attraction to, North Carolina. During his time at the Biotechnology Center, his group’s efforts have contributed to the creation of over 1,600 jobs and over \$1 billion in investment in the life sciences sector in North Carolina. He is also a key member of the Center’s team that oversees international activities and programs. Prior to joining the center, Mr. Bullock served as International Business Development Manager for Biotechnology within the North Carolina Department of Commerce. He was also Vice President of the biotechnology consulting firm BioAbility, where he directed numerous studies and client consulting projects in North America and abroad, including international biotechnology competitiveness benchmarking, economic development strategic planning, business plan development, technology assessments, and market research/analyses. Other prior experience includes business consulting for global pharmaceutical and biotechnology firms and six years in research, development and marketing at Stratagene Cloning Systems in San Diego, California. He has written and presented

extensively on a variety of topics related to commercial biotechnology, including economic development, business strategy, market research, regulation, emerging technologies, workforce development, strategic alliances, and more. Mr. Bullock received his undergraduate degree in Cell Biology and Biochemistry from the University of California, San Diego, and an M.B.A. from the University of North Carolina, Chapel Hill’s Kenan-Flagler Business School.

**C. Michael Cassidy**

Michael Cassidy shapes and guides the strategic direction of the Georgia Research Alliance as the President and CEO. The Alliance is a private, nonprofit organization that brings together the state’s academic, industry and government leaders to grow Georgia’s economy through scientific discovery. He also serves as liaison to other local, regional, and national organizations with an economic development mission and helps to promote Georgia as a leader in science and technology worldwide. Before joining the Alliance in 1993, Mr. Cassidy managed the Advanced Technology Development Center (ATDC), Georgia’s technology incubator. Prior to that he worked for the IBM Corporation where he held various staff and management assignments. He represents Georgia on the Southern Technology Council serving as co-chair, consults with several states on technology-based economic development strategies and serves on numerous boards. He is active with the U.S. Council on Competitiveness and participated in the development of their National Innovation Initiative. Mr. Cassidy holds a Master’s degree in Technology and Science Policy from the Georgia Institute of Technology and a B.B.A. degree in Marketing from Georgia State University.

**Jennifer Clark**

Jennifer Clark is Associate Professor at the School of Public Policy and Director of the Center for Urban Innovation, Ivan Allen College, at the Georgia Institute of Technology. Her research focuses on regional economic development, manufacturing, industry clusters and innovation. She publishes research on the development and diffusion of regional policies (including research centers) and their effect on cities and their economic competitiveness. Her first book, Remaking Regional Economies: Power, Labor, and Firm Strategies in the Knowledge Economy (with Susan Christopherson) won the Best Book Award from the Regional Studies Association in 2009. Her second book, Basic Methods of Policy Analysis and Planning (with Carl Patton and David Sawicki) was released in March 2012. Her newest book, Working Regions: Reconnecting Innovation and Production in the Knowledge Economy (2013) focuses on policy models aimed at rebuilding the links between innovation and manufacturing in the U.S. Dr. Clark writes, consults, and speaks on the subject of national and regional development policies related to innovation, intellectual property, and manufacturing. She has collaborated on manufacturing and innovation policy projects with a broad range of governments and non-governmental organizations including the OECD, the Canadian government, the UK government, and the U.S. government. Since the mid-1990s, Dr. Clark has studied the spatial and organizational dynamics of the optics, imaging, and photonics industry both in the U.S. and internationally. She is a member of the International Society for Optics and Photonics and serves on SPIE’s Engineering, Science, Technology Policy Committee. At Georgia Tech, she is a faculty affiliate with the Center for Organic Photonics and Electronics (COPE). Dr. Clark earned her Ph.D. in City and Regional Planning from Cornell University, a Master’s degree in Economic Development and Planning from the Hubert H. Humphrey School of Public Affairs at the University of Minnesota, and holds a B.A. from Wesleyan University in Connecticut.

### Judith Cone

Judith Cone is Special Assistant to the Chancellor for Innovation & Entrepreneurship at the University of North Carolina (UNC) at Chapel Hill. She assists the Chancellor, a serial entrepreneur and respected scientist, in strengthening a university-wide culture of innovation. The university's commitment to a rich liberal arts education and top professional programs equips its faculty, staff, and students to assess the current state of knowledge in a discipline, augment that knowledge through rigorous new research, and share the results in ways that benefit North Carolina, the United States, and the world. From this base of expertise and experimentation, breakthrough approaches are launched. The university actively supports those who translate their ideas into practical solutions, especially for the most pressing challenges facing the world today. Prior to joining UNC at Chapel Hill, Ms. Cone was with the Ewing Marion Kauffman Foundation for 15 years. As Vice President of emerging strategies, she led efforts to explore new program opportunities to advance entrepreneurship and innovation and to serve as global ambassador. As Vice President of Entrepreneurship, she developed a number of the foundation's signature entrepreneurship initiatives for youth and adults, including the Kauffman Campuses Initiative (KCI). KCI was designed to make entrepreneurship education accessible to students and faculty across all fields of study. Ms. Cone was responsible for the development of innovative entrepreneurial learning programs, including FastTrac and an award-winning website for entrepreneurs, and oversaw its youth entrepreneurship programs. She also developed Kauffman's knowledge management practice and played an instrumental role during a restructuring of the foundation's strategic focus. Ms. Cone co-founded and led for 14 years two management consulting firms serving Fortune 500 clients. She writes and lectures nationally and internationally on entrepreneurship and innovation.

### Stephen E. Cross

Stephen Cross is the Executive Vice President for Research of the Georgia Institute of Technology. He also holds faculty appointments as a Professor in the School of Industrial and Systems Engineering and as an Adjunct Professor in the College of Computing and the College of Management. Within Georgia Tech, he serves on the President's Cabinet and on the advisory board for the Georgia Tech-Emory Collaboration for Regenerative Medicine. He served as a Vice President and Director of the Georgia Tech Research Institute from 2003 until assuming his current position in 2010. Previously, Dr. Cross was a research faculty member at Carnegie Mellon University in the School of Computer Science and the Director of the Carnegie Mellon Software Engineering Institute. Earlier in his career, he was a Program Manager at the Defense Advanced Research Projects Agency and a faculty member at the Air Force Institute of Technology. His experience includes various R&D assignments spanning research, engineering development, and flight testing. Dr. Cross is a member of the Defense Science Board, serves on the advisory board for the Alabama A&M Research Institute, and has supported numerous studies by the National Research Council. Additionally, he is a Fellow of the Institute of Electrical and Electronic Engineers (IEEE) and is currently an Associate Editor of the online Journal of Information, Knowledge, and Systems Management. A retired military officer, he received the Air Force Research Award in 1986 and the Federal 100 Award in 1992. Dr. Cross holds a B.S.E.E. from the University of Cincinnati College of Engineering, M.S.E.E. from the Air Force Institute of Technology, and a Ph.D. from the University of Illinois at Urbana-Champaign.

### Deborah Cummings

Deborah Cummings is a Senior Program Manager in Battelle's Technology Partnership Practice. Ms. Cummings has almost 20 years of experience in state and regional technology-based economic development, both as a consultant and government official. Her business career has encompassed both the private and public sectors, and has been comprised of strategic planning activities, cluster development, economic impact analyses, program assessments, best practice methodology, and science and technology policy. In her efforts for the state of Ohio, Ms. Cummings originally helped conceive of Ohio's Third Frontier initiative, a widely acclaimed \$2.2 billion economic development investment, as a consultant to the state, and then had the responsibility for implementing, evolving and renewing that strategy as Assistant Director at the Ohio Department of Development. Ms. Cummings earned her M.B.A. from The Ohio State University and her Bachelor of Business Administration and Bachelor of Arts in Political Science from Ohio University.

### Rathindra “Babu” DasGupta

Babu DasGupta joined the National Science Foundation (NSF) in June 2006 as a Program Director in the Division of Industrial Innovation and Partnerships, Small Business Innovation Research Program. He is currently the lead program director for the Industry University Cooperative Research Center (I/UCRC) program at NSF. He is also the lead I-Corps program director from the Engineering Directorate. Before joining NSF, Dr. DasGupta was the chief scientist for CONTECH Division, SPX Corporation. He was also the technical director at Meta Mold Division, Amcast Industrial Corporation. Prior to joining the industry, Dr. DasGupta held various professorships at the Milwaukee School of Engineering, University of Wisconsin (UW)-Madison, UW-Milwaukee, and Western Michigan University. Dr. DasGupta has received multiple awards and honors including the Raymond D. Peters Endowed Professorship in Materials Science (1987-1990) at the Milwaukee School of Engineering, Inland Steel Ryerson Outstanding Undergraduate Teacher (1985) at the Milwaukee School of Engineering, Herman Doehler Award (2000) from the North American Die Casting Association, Innovation Award at CONTECH (1997), and the ASM-IIM Visiting Lecturer to India in 2000. In the summer of 1985, He also was invited as a visiting scientist to China Steel Corporation in Kaoshiung, Taiwan. Dr. DasGupta has published numerous papers, has presented at various international and domestic conferences, and has five patents to his credit.

### Richard A. DeMillo

Rich DeMillo is Distinguished Professor of Computing and Professor of Management, former John P. Imlay Dean of Computing, and Director of the Center for 21st Century Universities at Georgia Institute of Technology. Author of over 100 articles, books, and patents, he has held academic positions at Purdue University, the University of Wisconsin, and the University of Padua. He directed the Computer and Computation Research Division of the National Science Foundation and was Hewlett-Packard's first Chief Technology Officer.

**Aimee Dobrzeniecki**

Aimee Dobrzeniecki is the Deputy Director of the Manufacturing Extension Partnership (MEP) at the Department of Commerce's National Institute of Standards of Technology (NIST), where she has responsibility for MEP state partnerships, communications, knowledge management, information technology, and performance management. She also coordinates budget, congressional, and administration correspondence issues for the MEP program, a nationwide network that assists manufacturers to increase their global competitiveness. Ms. Dobrzeniecki facilitates the exchange of information among MEP network partners and stakeholders, supports strategic management and systems operations, and acts as a liaison with other government agencies and regional economic development organizations. Before working for the Department of Commerce, she acquired manufacturing technology experience through her work in ground weapon systems development for the Department of the Army Tank-Automotive Command in Warren, Michigan; gear research and manufacturing for the IIT Research Institute in Chicago, Illinois; and beginning in 1994, working in the MEP system as a field agent at both the Chicago Manufacturing Center and the Manufacturers Resource Center in Bethlehem, Pennsylvania, where she assisted dozens of small and medium- sized manufacturers. Ms. Dobrzeniecki received an E.M.B.A. from George Washington University and a B.S. in Mechanical Engineering from Lawrence Technological University, Southfield, Michigan.

**Michael A. Finney**

Michael Finney is President and CEO of the Michigan Economic Development Corporation (MEDC), a public-private partnership serving as the state's lead economic development agency. He also serves as Governor Rick Snyder's Economic Growth Group Executive and as President and Chairman of the Michigan Strategic Fund. Under Mr. Finney's leadership, the MEDC developed Pure Michigan Business Connect (PMBC), which provides comprehensive business development, capital access, talent enhancement and marketing assistance to Michigan-based companies and is quickly becoming a national model for economic development. Prior to taking the helm at MEDC, Mr. Finney served as President and CEO of Ann Arbor SPARK, a public-private partnership whose mission is to advance innovation-based economic development in the greater Ann Arbor, Michigan, region. He also served as President and CEO of Greater Rochester Enterprise, Rochester, New York; Vice President, Emerging Business Sectors, MEDC; Senior Vice President and General Manager, Thomson Saginaw; and, Assistant City Manager, Saginaw, Michigan. He currently serves on the boards for the State Science and Technology Institute, the Michigan Strategic Fund, the Michigan Economic Growth Authority, Governor Snyder's Talent Investment Board, and the Washtenaw Community College Foundation. He also serves on The University of Michigan Life Sciences Institute, Office of Technology Transfer and Center for Entrepreneurship, National Advisory Councils. Mr. Finney has received numerous awards and recognition including the 2008 Saginaw Valley State University Outstanding Alumnus for the College of Business and Management; named by Crain's Detroit Business as one of the 2007 Newsmakers of the Year; and the 2005 Minett Distinguished Professor at Rochester Institute of Technology. Mr. Finney holds a Master of Arts in Human Resources from Central Michigan University and a Bachelor of Business Administration from Saginaw Valley State University.

**Stephen Fleming**

Stephen Fleming currently serves as Vice President of Economic Development and Technology Ventures, and Executive Director of the Enterprise Innovation Institute at Georgia Tech. At various times, Mr. Fleming has been an optical physicist, laser fabricator, software developer, field engineer, product manager, corporate trainer, marketing executive, salesman, general manager, entrepreneur, author, venture capitalist, board member, investment banker, consultant, angel investor, public speaker, adjunct university faculty, commercial landlord, and now academic bureaucrat and economic developer. As a venture capitalist, Mr. Fleming has over 15 years of private equity experience at the General Partner level. Prior to his venture capital career, he spent 15 years in operations roles at AT&T Bell Laboratories, Nortel Networks, and LICOM (a venture-funded startup). In addition to his roles at Georgia Tech, he is a member of the Investment Committee of the Seraph Group, an early stage venture capital firm. Mr. Fleming is active in the "alternative space" industry; he is an investor in four private aerospace companies and is a founding member of the Space Angels Network. He also serves on the board of the Technology Association of Georgia, and is a former board member of the Spiritual Living Center of Atlanta, and of Tech High School, a charter high school emphasizing science, math, and technology in urban Atlanta. Mr. Fleming is a summa cum laude graduate of Georgia Tech.

**Eric A. Gulve**

Eric Gulve is President of BioGenerator. He joined the organization in 2007 as Vice President, Sourcing and Due Diligence, and assumed overall leadership of the organization in 2009. Prior to joining BioGenerator, Dr. Gulve spent 14 years in the pharmaceutical industry focused on drug discovery research. From 2003-2007 he held various roles in local and global leadership teams in Cardiovascular research at Pfizer, and led laboratories working in the areas of thrombosis, hypertension, and metabolic disease. From 2000-2003, Dr. Gulve was Associate Director of the Cardiovascular & Metabolic Diseases research group at Pharmacia Corporation. From 1994-2000 he established research programs in diabetes, directed laboratory groups, and served on leadership teams within G.D. Searle's Cardiovascular therapeutic area. During his pharmaceutical career, Dr. Gulve also served on new drug target identification/validation teams and therapeutic area in-licensing teams. He has worked collaboratively across different research lines, therapeutics areas, business units, and geographic sites. Dr. Gulve received his Ph.D. in Physiology from Harvard University and served as post-doctoral fellow and research faculty at Washington University School of Medicine.



**Charles A. Hayes**

Charles Hayes became President and CEO of the Research Triangle Regional Partnership (RTRP) in October 1996. The RTRP has received numerous awards under his tenure, including the Economic Development Administration's (EDA) National Award for Excellence in Economic Development Regional Competitiveness Strategic Planning and the first recipient award for regional collaboration from the International Economic Development Council (IEDC). Previously, Mr. Hayes' professional experience includes positions in both the public and private sectors. He is a frequent speaker on strategies for promoting economic growth and prosperity in a knowledge-based economy and has addressed such organizations as the National Governors Association and EDA's annual conference. Mr. Hayes is active in numerous professional organizations, including the North Carolina Partnership for Economic Development, North Carolina Economic Developers Association (past president) and IEDC. In addition to having a certification in economic development through the International Economic Development Council, among others, Mr. Hayes holds a Master's in Education and a Bachelor of Science in Business Administration from East Carolina University.

**Marlit Hayslett**

Marlit Hayslett serves as the founding director of the Georgia Tech Research Institute's Office of Policy Analysis and Research (OPAR), the nation's only applied research program focused on state-level science, technology, and innovation (STI) policy. Motivated by the vision of improving public policy outcomes through evidence-based decision making, Ms. Hayslett's long-term research goals synthesize around understanding the role of government in fostering innovation-based economic development. In addition to leading OPAR's applied policy research, she supports the Georgia General Assembly's House and Senate Science and Technology Committees. Most recently, she has collaborated with the state technology business community to introduce and enact legislation calling for a task force to explore the role of a strategic plan for S&T in Georgia. Ms. Hayslett recently was honored by the Georgia General Assembly with two legislative resolutions recognizing and commending her work in science and technology policy in Georgia. Among her professional service activities, Ms. Hayslett serves on the Government Relations Task Force and the Business and Technology Alliance, both of the Technology Association of Georgia. She is active in the Georgia Tech community, serving on numerous committees including the Library Faculty Advisory Board, Academic Services Committee, Open Access Committee, Policy@Tech, and the Strategic Planning Implementation Group for a Technology Policy Institute. She recently completed the Leadership Foundations Program offered by Women in Technology, an industry association dedicated to empowering women. Ms. Hayslett holds a B.S. and M.S. in International Affairs and an M.S. in Public Policy from the Georgia Institute of Technology.

**H. Lee Herron**

Lee Herron is Vice President of Commercialization for the Georgia Research Alliance (GRA). Just prior to joining the GRA, Dr. Herron was General Manager, Biosciences, for the Advanced Technology Development Center. In this capacity, he advised startup and early stage companies regarding the growth and development of their organizations. Through the GRA VentureLab program at Georgia Tech, he worked with faculty at Georgia Tech to evaluate commercial opportunities and to pursue new venture formation or licensing opportunities. He also served as CEO of EmTech Bio, a collaborative program of Georgia Tech and Emory. Before joining ATDC, Dr. Herron worked with BRAHMS AG, a German manufacturer of in-vitro

diagnostic products, to establish its North American operations. Earlier, he was the founder, President and CEO of SeaLite Sciences, Inc., a company focused on the development and commercialization of diagnostic products and molecular biology reagents. He also was a founding team member of three other bioscience companies, Biopool International, Inc., CytRx Corporation and Theragenics Corporation. Dr. Herron earned his Doctor of Veterinary Medicine degree from the University of Georgia.

**David L. Johnson**

David Johnson was one of the original organizers and serves today as President of BioCrossroads, a market-based enterprise seeking to advance Indiana's economic future through investments and jobs in the region's substantial life sciences and medical technology sector. Among its many activities, BioCrossroads raises, manages and invests venture capital funds for promising new companies; informs and educates; and builds business collaborations (such as OrthoWorx and the Indiana Health Information Exchange) by bridging gaps across academia and industry. Through his work at BioCrossroads, Mr. Johnson has been responsible for raising over a quarter-billion dollars in philanthropic and venture capital funding for efforts and investments to develop new companies, promote innovative research, and deliver on the promise of highly skilled employment opportunities that must accompany leading regional strategies for 21st-century development of the American economy. A longtime business leader and lawyer, Mr. Johnson is an honors graduate of Harvard College, Harvard Law School and Oxford University, where he studied as a Rhodes Scholar.

**Clifton G. Kellogg**

Clifton Kellogg has served as the Program Director at the U.S. Treasury Department for the State Small Business Credit Initiative since January 2011. Previously, he was President and CEO of City First Bank of D.C., a community bank in Washington, D.C., and Advisor to the Chairman of Shorebank Corporation in Chicago. Mr. Kellogg worked at the National Economic Council and the U.S. Treasury to develop the New Markets Tax Credit legislation. Mr. Kellogg has worked on numerous initiatives to expand access to capital for small businesses through federal public policy and through innovative private sector organizations.

**Rob Ksiazkiewicz**

Rob Ksiazkiewicz is a Policy Analyst for SSTI where his duties include writing for the SSTI Weekly Digest, producing the Funding Supplement to the SSTI Weekly Digest and contributing to several projects related to state tax credit programs, advanced manufacturing, proof-of-concept programs and crowdfunding. In partnership with SSTI colleague Benjamin Au, he is working on a compendium of the innovation and manufacturing programs across the county. Prior to joining SSTI, Mr. Ksiazkiewicz worked with GSP Consulting in Pittsburgh, PA. At GSP, he conducted research and aided in the preparation of reports on technology-based economic development issues. He also interned with the U.S. Commercial Service in Pittsburgh where his duties included publishing newsletters that highlighted international business opportunities for small and medium-sized businesses in the manufacturing sector. Mr. Ksiazkiewicz received his dual Bachelor's degrees in Political Science and Sociology from the Pennsylvania State University and his Master's degree in Public and International Affairs from the Graduate School of Public and International Affairs at the University of Pittsburgh.

**Marnie LaVigne**

Marnie LaVigne has spent more than 25 years in the both the private and public sectors creating new products and startup businesses involving innovative applications of technology in health care and life sciences. In 2012 she was named Associate Vice President for Economic Development at the University at Buffalo (UB), leading the new Office of Economic Development to leverage university-based resources on behalf of growing the regional economy. This university-wide position builds upon Dr. Lavigne’s private sector experience combined with her role since joining UB in 2005 leading business development for the NYS Center of Excellence in Bioinformatics and Life Sciences and the UB Center for Advanced Biomedical and Bioengineering Technology. She serves on numerous boards for economic development, workforce development, venture capital, and health care organizations, as well as life sciences publications and startup businesses. Dr. LaVigne holds a B.S. in Neuroscience and a Ph.D. in Clinical Psychology from the University of Rochester.

**Tino Mantella**

Tino Mantella joined Technology Association of Georgia (TAG) in September 2004 as the organization’s new President. Prior to joining TAG, Mr. Mantella had amassed over 20 years of related experience leading two of the nations more prestigious volunteer-driven organizations – the National Arthritis Foundation and YMCA of Metropolitan Chicago. As President and CEO of two multifaceted and complex charities, he spearheaded agendas that led to the development of innovative new services, resulting in the facilitation of significant membership growth. In addition, his track record reflects impressive results in fund raising, advocacy, and economic development. Since coming to TAG, Mr. Mantella has worked with a team of dedicated volunteers and staff to build a prestigious board made up of 60 technology stakeholders, grow membership by more than 500%, and add a series of programs and services that support TAG’s vision of educating, informing and uniting the technology community. Mr. Mantella is a member of the boards of Venture Atlanta Coalition Inc., TAG Education Collaborative, TCSG Foundation, Jacob’s ladder, the Chambers of Commerce in North Fulton and Georgia, and on the Advisory Board of the Atlanta Metropolitan Chamber of Commerce.

**Ted McAleer**

Ted McAleer is currently the Executive Director of USTAR (Utah Science Technology and Research Initiative). Prior to USTAR, Mr. McAleer was the Director of Business Development for The University of Utah’s Technology Venture Development organization. He has 20-plus years of experience in technology innovation; business development; and product, services and operations management in both startup and mature corporations. He has been COO for Teleoptic Digital Imaging, LLC, and the Sr. Director of Implementation services at Campus Pipeline, Inc. He also has worked for SunGard SCT, Procter and Gamble, PepsiCo. and the U.S. Army. He currently serves as a Board Member with the Swaner EcoCenter, the Mountain West Capital Network and the Park City Angel Network. Mr. McAleer holds a M.B.A. from Harvard Business School, a Master of Engineering from the University of Virginia and a B.S. in Engineering Management from the United States Military Academy at West Point.

**Brian McGowan**

Brian McGowan is the President and CEO of Invest Atlanta – the economic development arm of the City of Atlanta. Prior to this he was appointed by President Barack Obama as U.S. Deputy Assistant Secretary of Commerce in September 2009. In this capacity he served as the COO of the U.S. Economic Development Administration and was appointed as a U.S. delegate to the Organization for Economic Cooperation and Development in Paris, France. Mr. McGowan also was detailed to the White House as a Senior Economic Advisor to the president on the BP oil spill where he led a federal inter-agency Economic Solutions Team in the National Incident Command. Before joining the Obama administration, in January 2008 he was appointed by California Governor Arnold Schwarzenegger as Deputy Secretary for Economic Development and Commerce where he oversaw the state’s economic development programs. Mr. McGowan has 18 years of economic development experience at all levels of government. He was appointed by the Board of Supervisors as the Economic Development Agency Administrator for the County of San Bernardino and worked for the City of Ontario and the City of Palm Springs. He also was a consultant for the U.S. Agency for International Development where he developed economic growth programs for cities in Bulgaria and Serbia. Mr. McGowan recently was appointed by Georgia Governor Nathan Deal to serve as a Board member for the McPherson Redevelopment Authority. He also serves as a board member for the Georgia Foreign Trade Zone and the International Economic Development Council. Mr. McGowan received a Bachelor’s degree in Political Science from the University of California, Riverside, and a Master’s degree in Politics, Economics and Business from the Claremont Graduate University. He is also the Michael and Mary Johnston Fellow at the Claremont Graduate University where he is completing a Ph.D. in American Politics and Policy.

**Lenny Mendonca**

Lenny Mendonca is a Co-founder of McKinsey & Company’s Public Sector Practice, directs their work with state and local governments and is part of the leadership team of the McKinsey Center for Government. Mr. Mendonca’s areas of expertise include globalization, corporate social responsibility, economic development, regulation, and education. He serves on the boards of several nonprofit organizations and business councils including the Bay Area Council on Foreign Relations, the New America Foundation, and the Stanford Graduate School of Business Advisory Council. He is the Founder and Owner of Half Moon Bay Brewing Company, an oceanfront restaurant and brewpub in California.

### Sarfraz A. Mian

Sarfraz Mian is Professor of Strategic Management and Entrepreneurship and Chair of the Marketing and Management Department in the School of Business, State University of New York, Oswego. Prior to this, he taught at the University of Maryland and was visiting professor at universities in Europe and South Asia. Dr. Mian served as Chair, INFORMS Technology Management (2002-04) and as an officer of the Academy of Management TIM Division (2000-05). He is the co-founder and U.S. Coordinator of the North American Innovation Research Network (NAIRNet) and is the Head (PI) of Global Entrepreneurship Monitor, Pakistan. Dr. Mian's scholarly work comprises more than 50 published articles and 100 conference presentations. His more recent work includes: guest editor of a special issue of IJEIM on Innovative University Programs in Technology Business Incubation; and two books, Building Knowledge Regions in North America: Emerging Technology Innovation Poles and Science & Technology Based Regional Entrepreneurship: Global Experience in Policy and Program Development. Dr. Mian's Journal of Business Venturing, Research Policy articles on university business incubation are among the most cited. During his more than 25 years of academic experience, he frequently has consulted with international bodies, governments, and industry. Dr. Mian earned his M.B.A. and Ph.D. in Business Administration from the George Washington University and an M.S. in Management Science from Northwestern University.

### John Morris

John Morris is currently the President and CEO of Technology 2020, a venture development organization focused on the development of entrepreneurs and startups in the Tennessee Valley Corridor. He has worked with technology businesses for 25 years. Mr. Morris has been instrumental in forming five technology commercialization ventures, utilizing technology from five different disciplines. He began his career in engineering design with Tennessee Valley Authority at the Watts Bar Nuclear Plant. Later, he moved to the Oak Ridge National Laboratory and worked in artificial intelligence and expert systems research. Mr. Morris' first small business experience was with Consultec Scientific, Inc., a Knoxville based startup focused on technology transfer and commercialization. Eventually becoming President and CEO, he led the effort to start three companies from Consultec. One of the companies, NetLearning, Inc., is an Internet-based e-Learning company focused on the healthcare market. Under his leadership as President and CEO, NetLearning grew from an idea to serving 500 hospitals nationwide in seven years and subsequently was acquired in 2004 by Thomson Corporation. He also served as President and CEO of Sunlight Direct, an alternative energy startup with licensed technology from Oak Ridge National Laboratory. Mr. Morris holds degrees in Electrical Engineering and Computer Science.

### Eric Nakajima

Eric Nakajima is Assistant Secretary for Innovation Policy in the Massachusetts Executive Office of Housing and Economic Development. He leads strategic initiatives designed to accelerate the growth of the state's innovation economy, including initiatives to promote entrepreneurship, collaborative research and commercialization in the state's innovation economy. Mr. Nakajima led the development of the Massachusetts Advanced Manufacturing Collaborative and serves as its co-chair, and among other projects he was the state's point person for development of the new Massachusetts Green High Performance Computing Center. He has been involved with the planning and execution of Governor Deval Patrick's economic agenda since 2007. Mr. Nakajima holds a Master's degree in City Planning from the University of California, Berkeley, and a Bachelor's degree from the University of Massachusetts at Amherst.

### Matthew Nemerson

Since mid-2003 Matthew Nemerson has been President and CEO of the Connecticut Technology Council (CTC), a trade association and public policy group dedicated to stimulating the growth of the state's innovation economy. CTC manages the state's "innovation ecosystem" under a contract and also produces over 50 programs and events as well as numerous policy reports and advocacy position papers each year. In 1983, Mr. Nemerson became the founding Vice President of the Science Park Development Corporation, an inner-city tech park and incubator complex affiliated with Yale University, rebuilding the historic Winchester Rifle factory complex. He left Science Park to become the President -- for 13 years -- of the Greater New Haven Chamber of Commerce and the affiliated Regional Leadership Council. While there he founded and ran a downtown development corporation that managed a half-million square feet of space while also developing plans for renovating the downtown hotel. Before Science Park, he was publisher of the national policy magazine The Washington Monthly, a reporter for Fortune Magazine, a staff director for a committee of the Connecticut state Legislature and worked for the late U.S. Senator Abraham Ribicoff (D-CT). Mr. Nemerson previously was President and currently is Treasurer of TECNA, the association of over 50 technology councils and similar groups from almost every state and province across the U.S. and Canada. Previously, he was Executive Vice President & COO of Netkey, Inc, a software firm which raised over \$20 million in VC funds and eventually was acquired by NCR. Mr. Nemerson earned a B.A. degree from Columbia College, a M.P.P.M. (aka M.B.A.) from the Yale School of Management, and is a graduate of the Center for Creative Leadership in North Carolina.

### Erik R. Pages

Erik Pages is President and Founder of EntreWorks Consulting, an economic development consulting and policy development firm focused on helping communities and organizations achieve their entrepreneurial potential. EntreWorks works with a diverse base of clients including state and local governments, chambers of commerce, business leaders, educational institutions, and nonprofits. These customers all share a commitment to innovative economic development strategies that build wealth and build communities. Since its founding, EntreWorks has worked with customers in forty states and overseas. Dr. Pages previously served as Policy Director for the National Commission on Entrepreneurship (NCOE), where he directed the Commission's research and policy operations. He also has held senior positions at the U.S. Department of Commerce's Economic Development Administration (EDA), where he helped lead efforts to assist communities affected by military base closings and defense plant shutdowns. He has worked on Capitol Hill, and was an official advisor to the 1995 White House Conference on Small Business. He is a Senior Fellow at the Center for Regional Economic Competitiveness, the RUPRI Center for Rural Entrepreneurship, and serves on the Arlington County (VA) Economic Development Commission, and the Alexandria/Arlington Workforce Investment Board. He has written and published widely on business trends, economic development, technology policy, and national security policy. His work has been featured in national and international media outlets. Dr. Pages received his Ph.D. from Georgetown University, where he has served as an Adjunct Professor, and also holds degrees from Dickinson College (Phi Beta Kappa) and the University of Pittsburgh.



Casey Pickett

Casey Pickett is Director of Innovation at the Connecticut Department of Economic and Community Development where he has developed growth strategies for the life science and manufacturing industries and helped secure the state’s deal with The Jackson Laboratory for Genomic Medicine. He is focused on building a critical mass of innovative companies in the state by creating a flexible, transparent, data-driven system of entrepreneur support, and helping to make Connecticut’s cities more exciting places to live and work. Mr. Pickett began his career developing a platform for social entrepreneurs in Northeast Ohio, followed by work on two presidential campaigns. From 2005 to 2008 he worked for Turner Construction Company to improve the firm’s environmental performance and competitiveness. In graduate school, Mr. Pickett co-founded a startup environmental beverage company. In 2010 he led a team of graduate students researching Connecticut’s innovation economy and interviewing dozens of CEOs from Connecticut’s fastest-growing firms to understand how the state can be a better place for companies to grow. Mr. Pickett graduated from Oberlin College and received a Master’s of Business Administration from the Yale School of Management, and a Master’s of Environmental Management from the Yale School of Forestry & Environmental Studies.

Jennifer Pryce

Jennifer Pryce is Managing Director of Strategic Initiatives and overseas three teams at Calvert Foundation: strategic initiatives, marketing, communications and social media, and investor partnerships. The strategic initiatives team anchors its work around the development of initiatives that combine a social issue with the power of impact investing such as Women Investing in Women Initiative (WINWIN) and Green Strategies to Fight Poverty. WINWIN is the only retail impact investing product available to U.S. residents focused on supporting organizations that are dedicated to empowering women. These initiatives provide Calvert Foundation with the necessary risk capital to pursue new investments in emerging sectors and geographies as well as ongoing operating capital required to support innovation and thought leadership within the impact investing sector. Previously, as the U.S. Portfolio Manager, Ms. Pryce oversaw the management and growth of Calvert Foundation’s domestic investments, including investments in community development finance institutions, affordable housing development and initiatives around healthcare clinics and charter schools. She also worked to get the foundation’s largest collaborative fund, the Communities at Work Fund™, with Citi, up and running to channel over \$100 million to businesses and projects creating jobs in low-income communities throughout the U.S. Prior to the Calvert Foundation, she worked with the Nonprofit Finance Fund (NFF), a national CDFI, as the Director of the Washington, DC-MD-VA office. Before NFF, she also held positions at Wall Street firms, working at Neuberger & Berman as an equity research analyst and Morgan Stanley’s London office in the Investment Banking division. She serves on the boards of Appletree Institute, a Washington, D.C. Public Charter School, and Institute for Educational Leadership, a national nonprofit at the forefront of innovative efforts that bring together leaders across the various sectors of education, workforce development and child- and youth-serving systems. Additionally, she is a graduate of Leadership Greater Washington class of 2011. Ms. Pryce received a B.S. in Mechanical Engineering from Union College and a M.B.A. from Columbia University.

Catherine S. Renault

Catherine Renault is the Principal of Innovation Policyworks LLC, an innovation strategy and evaluation firm focused on the development and measurement of effective state and regional technology-based policies and programs. Innovation Policyworks explicitly links policy design and evaluation, so that programs are appropriately focused on outcomes with a disciplined measurement process that allows policymakers and legislators to see what progress is being made and whether improvements need to be implemented. Dr. Renault was formerly the Director of the Maine Office of Innovation and Science Advisor to then-Governor John Baldacci. In this role, she worked closely with industry, legislature and research institutions to promote, develop and implement science and technology policy for the state. Among other duties, she oversaw the annual comprehensive evaluation of Maine’s public investments in research and development and the publication of the Maine Innovation Index, projects she began at the University of North Carolina in 2000. This evaluation won the 2009 award for best program evaluation from the Center for Community and Economic Research (C2ER). Dr. Renault has 20 years of experience in state science and technology-based economic development and evaluation, including leading a group at RTI International in Durham, NC, where she consulted with mostly rural states and regions. Her previous state experience was as Managing Director of Virginia’s Center for Innovative Technology where she was responsible for entrepreneurship and access to capital policy as well as statewide technology transfer initiatives. She also spent ten years in the private sector including AT&T and Data General. Dr. Renault is currently on the Board of Directors for CEI Capital Management (CCML) and the Maine Center for Enterprise Development. She previously served on the Board of Trustees for the State Science and Technology Institute, the Governor’s Task Force on Ocean Energy and Maine’s Broadband Strategy Council, among others. Dr. Renault received her undergraduate degree from Harvard, her M.B.A. from the University of Virginia and her Ph.D. from the University of North Carolina at Chapel Hill.

### The Honorable Tom Ridge

Following the tragic events of September 11th, 2001, Tom Ridge became the first Assistant to the President for Homeland Security and, on January 24, 2003, became the first Secretary of the U.S. Department of Homeland Security, serving until February 2005. The creation of the country's 15th Cabinet Department marked the largest reorganization of government since the Truman administration and another call to service for the former soldier, congressman and governor of Pennsylvania. During his DHS tenure, Secretary Ridge worked with more than 180,000-plus employees from a combined 22 agencies to create an agency that facilitated the flow of people and goods, instituted layered security at air, land and seaports, developed a unified national response and recovery plan, protected critical infrastructure, integrated new technology and improved information sharing worldwide. Secretary Ridge previously served in the U.S. House of Representatives for six terms from 1983 to 1995, and was twice elected Governor of Pennsylvania, serving as the state's 43rd governor from 1995 to 2001. Governor Ridge's aggressive technology strategy helped fuel the state's advances in economic development, education, health care and the environment. Secretary Ridge is currently president and CEO of Ridge Global, an international security and risk management advisory firm, headquartered in Washington, DC. An engaging and dynamic speaker, Secretary Ridge regularly addresses audiences on a range of issues, including international business, security and leadership. Additionally, he serves on the boards of the Institute for Defense Analyses, the Center for the Study of the Presidency and Congress, and other private and public entities. He is currently chairman of SSTI's Board of Trustees, the National Organization on Disability and the U.S. Chamber of Commerce's National Security Task Force, and along with Gen. Tommy Franks (Ret.), serves as national co-chairman of the Flight 93 National Memorial Fundraising Campaign. Secretary Ridge earned a scholarship to Harvard, graduating with honors in 1967. After his first year at Penn State University's Dickinson School of Law, he was drafted into the U.S. Army, where he served as an infantry staff sergeant in Vietnam, earning the Bronze Star for Valor, the Combat Infantry Badge and the Vietnamese Cross of Gallantry. After returning to Pennsylvania and to Dickinson, he earned his law degree.

### Toby Rittner

Toby Rittner runs the day-to-day operations of the Council of Development Finance Agencies (CDFA), which includes management of a 32-member Board of Directors, and the organization's various educational, advocacy and research initiatives. Mr. Rittner is a frequent speaker at local, state and national conferences and events focused on economic development finance. He has been featured extensively in The Bond Buyer and other national media publications concerning the advancement of development finance tools. He is the author of CDFA's highly acclaimed Practitioner's Guide to Economic Development Finance and an adjunct faculty member at The Ohio State University teaching planning for sustainable economic development in the Knowlton School of Architecture. Mr. Rittner also has advised state and federal government leaders, including President Obama's Transition Team, on economic development finance policy and focus. Prior to joining CDFA, Mr. Rittner was the Director of Legislative Affairs and former Director of Training for the International Economic Development Council (IEDC). He also has worked for the Franklin County, Ohio, Board of Commissioners, Community and Economic Development Department as a Senior Program Coordinator for Economic Development and as an Associate Planner for the City of Gahanna, Ohio. In 2011, Mr. Rittner was appointed to the U.S. Environmental Protection Agency's Environmental Financial Advisory Board. He is a member of the Advisory Board for the National Community Fund I, LLC and is also a member of the Advisory Board for Heritage Ohio. He is a Development Finance

Certified Professional (DFCP) through CDFA and is a Certified Economic Development Finance Professional (EDFP) through the National Development Council. Mr. Rittner holds a Bachelor of Arts in Political Science and a Master's degree in City and Regional Planning from The Ohio State University.

### Tom Sheridan

Tom Sheridan, a social worker by training and an advocate by trade, brings a unique perspective to his work as a public policy strategist in Washington, DC, where The Hill newspaper has called him "A powerbroker for those without a voice." Mr. Sheridan began his career at the National Association of Social Workers and the Child Welfare League before joining the AIDS Action Council in the late 1980s, quickly becoming the influential leader in establishing the nation's first AIDS lobby, which eventually would involve more than 140 national organizations. He was the chief architect and strategist on the enactment of landmark legislation for the HIV/AIDS community, including the Ryan White CARE Act, as well as the chair of the lobby effort on the Americans with Disabilities Act (ADA). In 1991, Mr. Sheridan founded The Sheridan Group where he and his team work to craft effective strategies for socially responsible public policy initiatives. Over the years, The Sheridan Group has become the go-to firm in the nation's capital for grassroots advocacy and coalition-building for nonprofits, social entrepreneurs and other agents of change. A veteran of the Mondale-Ferraro presidential campaign, Mr. Sheridan is a seasoned political and policy expert who uses his knowledge of the legislative process to help organizations achieve positive social change on a global scale. From AIDS in Africa to human trafficking in Asia, he has created a unique approach to advocacy that makes him a sought-after ally of organizations determined to challenge the status quo. Most recently, he was the lead political strategist for the America Forward campaign, a two-year bipartisan campaign to engage the 2008 presidential candidates in adopting policy proposals to increase innovation, strategic investment, and accountability in public problem solving. President-elect Obama committed to creating the Social Innovation Fund in December 2007. The fund was authorized as part of the Edward M. Kennedy Serve America Act of 2008 and is implemented by the Corporation for National and Community Service.

### Susan G. Shows

Susan Shows is Senior Vice President at Georgia Research Alliance (GRA), where she manages GRA's investment portfolio, which includes the award-winning Eminent Scholars Program and more than \$600 million of strategic research infrastructure at Georgia's six leading research universities. She led the launch and development of the GRA VentureLab program in 2002, and managed its growth until 2008. Prior to joining GRA in 2001, Ms. Shows worked at the Georgia Institute of Technology, where she played a leading role in the development and growth of several university-industry initiatives in partnership with the U.S. Defense Logistics Agency, the U.S. Department of Commerce, and key industry organizations in Georgia. She also served as general manager of the Advanced Technology Development Center (ATDC), a technology incubator based at Georgia Tech. Before moving to Georgia in 1987, Ms. Shows worked for Square D Company, and was part of the company's startup team for a major manufacturing facility in North Carolina. She serves as an advisor to a number of industry and economic development organizations, including serving on the board of SEBIO. Ms Shows holds a Master's degree in Business Administration from Xavier University and a B.S. in Industrial Management from the University of Tennessee.

### Rohit K. Shukla

Rohit Shukla is an established thought leader and respected practitioner on innovation, commercialization, and enterprise and technology-led economic development. He has advised governments, multilateral organizations, communities and enterprises throughout the world, creating initiatives that expand entrepreneurship, promote commercialization and enhance the competitiveness of regions across many parts of the globe. In founding and growing Larta Institute to institutionalize the work he has pioneered, he has developed a reputation and expertise in the commercialization of innovations emerging from government-funded initiatives, research institutes, universities and larger companies in the private sector. Early in his 20-year career, Mr. Shukla authored and developed California's innovation and entrepreneurship initiative, the California Technology Investment Partnership (CalTIP). He has written on venture capital, sector-led innovation in wireless, telecom and the life sciences and on entrepreneurship, research-based enterprises, commercialization and government policy. As an advisor to the OECD, he recently led a multi-country study project on intellectual property as it affects the growth of small and medium-sized enterprises, focused on harmonization of IP policies and practices. In technology transfer, he was one of the first thought leaders to promote policies oriented toward the development of "bundled" IP between research institutions and universities. In addition to teaching entrepreneurship to managers, startup companies and graduate students, he was an entrepreneur himself, founding two companies in the information technology and processing industries. Mr. Shukla has a Master's in Social and Political Sciences from Cambridge University, England, and a Master's in Communications Arts and Sciences from Loyola Marymount University, Los Angeles.

### John Sider

John Sider is Managing Director of Statewide Initiatives for Pennsylvania's Ben Franklin Technology Partners program. In this role he coordinates all marketing, funding and outside partnerships that the four regionally-based Ben Franklin centers undertake as a network. Prior to this role, Mr. Sider served as Deputy Secretary for Technology Investment for the Pennsylvania Department of Community and Economic Development (DCED). While DCED's Deputy Secretary for Technology Investment, he played a key role in the delivery of then-Governor Ed Rendell's \$335 million Alternative Energy Investment Fund to technology businesses and projects throughout the state. In an era of declining appropriations, Mr. Sider streamlined key programs, reduced duplication, and redeployed nearly \$20 million of savings and investment income toward Pennsylvania innovation. He also supported the commonwealth's successful efforts to win more than \$138 million of federal grant funding in the areas of broadband deployment, technology commercialization, and energy efficiency. Prior to serving as Deputy Secretary, Mr. Sider was DCED's Director of Venture Investment. He managed a \$350 million venture capital portfolio of investments and incentives dedicated to increasing the amount of risk capital available to Pennsylvania entrepreneurs. Before his work with DCED, he was Lending Group Leader for Community First Fund, a Lancaster-based Community Development Financial Institution. In this role, he chaired the Fund's loan committee, arranged financing for more than 200 startup and established companies, and conducted more than a dozen nationally certified entrepreneurial training classes. Mr. Sider is a graduate of Wheaton College and earned his M.B.A. from the Fox School of Business at Temple University.

### Mark Skinner

Mark Skinner is Vice President of SSTI and has served as Director of the Regional Innovation Acceleration Network (RIAN) project for the past two years. The RIAN project supports the community of existing and emerging Venture Development Organizations (VDOs) around the country by providing the means for peer-to-peer sharing of information and best/common practices; helping to identify funding opportunities for VDOs; and providing tools to help regions approach the creation of their own VDOs. Working with SSTI since 1998, Mr. Skinner was the long-time editor of SSTI's e-publications, the SSTI Weekly Digest and the Funding Supplement. He has been the principal author or a co-author on a number of publications, including the EDA-funded A Resource Guide for Technology-based Economic Development. Mr. Skinner has extensive experience with small technology companies and federal research and development programs, including the Small Business Innovation Research (SBIR) Program, Small Business Technology Transfer (STTR) Program. He has served on the Committee of Visitors for the National Science Foundation's SBIR/STTR Program. He also was SSTI's project coordinator and principal author for the State and Federal Perspectives on the SBIR Program, drawing on his prior six-year experience establishing and managing Ohio's SBIR Program for the Ohio Department of Development. Mr. Skinner has served as a frequent speaker for state and national organizations and contributor to a number of federal programs including serving on external review panels for the NSF Partnerships for Innovation (PFI) program, the Committee of Visitors for the NSF SBIR Program, as the liaison with the Federal Laboratory Consortium's State & Local Government committee. He also was the principal author and project leader for National Science Foundation's Survey of State Research and Development Expenditures for 1995, the most extensive effort undertaken to date to capture information on state R&D activities. Mr. Skinner received his B.A. in urban and regional planning from Miami University (Oxford, OH).

### Sheri Stickley

Sheri Stickley is currently President & CEO of the Oklahoma Bioscience Association (OKBio), a private, not-for-profit organization dedicated to advancing the growth of Oklahoma's bioscience industry. OKBio is the Biotechnology Industry Association (BIO) affiliate in Oklahoma. Ms. Stickley is a tech-based economic development professional with over 30 years' experience developing and implementing nationally recognized public/private initiatives to spur growth of an innovation economy. Prior to OKBio, Ms. Stickley was Deputy Director of the Oklahoma Department of Commerce. Before accepting the position with Commerce, she was a Vice President of SSTI. Previous to SSTI, Ms. Stickley was with the Oklahoma Center for the Advancement of Science and Technology (OCAST), the state's technology-based economic development agency, for 18 years. As Interim Executive Director, and prior to that as Director of Technology Development Programs, she conceived, planned and oversaw multiple, nationally-recognized initiatives including: OCAST's SBIR-related programs; the Oklahoma Technology Commercialization Center and Technology Business Finance Program, managed by i2E; and the Oklahoma Manufacturing Alliance, Oklahoma's affiliate in the national NIST Manufacturing Extension Partnership program. Ms. Stickley has served on the Governor's Council on Science and Technology under two administrations, as well as on national-level peer review panels and advisory committees, the boards of directors of SSTI, i2E, the Oklahoma Manufacturing Alliance, Oklahoma EPSCoR, the Oklahoma Academy for State Goals and other public and private boards and committees.



**Susan E. Streich**

Susan Streich currently is a Senior Associate with Booz Allen Hamilton, where she serves the Civil Finance and Business of Government markets. She has 30 years of banking and financial services experience with specific expertise in financial analysis, credit risk management, loan underwriting, product development, strategy formulation, and the development of high performing lending teams. On multiple occasions, Ms. Streich has built a comprehensive national lending program from strategy development through operational execution, creating and implementing innovative production processes to enable scalability and improve customer service, applying direct and indirect marketing strategies to drive business development, developing strong affinity and government relationships to support business success, mitigating risk through policy creation/oversight, ensuring compliance with governmental and corporate requirements, planning and overseeing audit preparation and leading both internal and external audit processes, and successfully managing branch, regional and national lending operations. In recognition of her professional achievements, Ms. Streich was awarded Virginia Small Business Financial Advocate of the Year in 2005.

**Clyde C. Tuggle**

Clyde Tuggle joined The Coca-Cola Company in 1989 in the Corporate Issues Communications Department. During his 23 years with the company, Mr. Tuggle has served in numerous capacities as a senior executive in Atlanta and Europe, including Executive Assistant to then-Chairman and CEO Roberto C. Goizueta. In 2005, Mr. Tuggle was named President of the Russia, Ukraine & Belarus Business Unit. He later assumed his current position in 2009 as Senior Vice President, Chief Global Public Affairs and Communications Officer, reporting directly to Chairman and CEO Muhtar Kent. Mr. Tuggle has been instrumental in driving Coca-Cola’s social media strategy and implementation in response to the new media that has unfolded during the past decade. He is a trustee of the Georgia Research Alliance, and serves on the board of directors for the U.S.-Russia Business Council and the World Affairs Council of Atlanta. Clyde also is a Woodrow Wilson Visiting Fellow and is a member of the Council on Foreign Relations, the Goizueta Business School Advisory Board and the Yale University International Advisory Board. Mr. Tuggle holds a Bachelor’s degree in German Studies and Economics from Hamilton College in New York and a Master of Divinity from Yale University. He studied at the Ludwig-Maximillian Universität in Munich, Germany, and completed The Executive Program at the University of Virginia’s Darden Business School.

**Tom Walker**

Tom Walker has been a leader in entrepreneurship and turning innovation-based discoveries into commercial opportunities for the last twenty years. From his work with teams of scientists at an international science and technology enterprise exploring emerging scientific areas, to his leadership as CEO of TechColumbus, he consistently has identified, developed, and launched promising business opportunities and startups. He is a seasoned founder and manager of venture funds, from proof-of-concept through growth, and has served on the boards of numerous startup companies. As President and CEO of TechColumbus, Mr. Walker applies his cross-functional experience to create and carry out entrepreneurial initiatives to accelerate central Ohio’s innovation economy. TechColumbus works directly with high growth entrepreneurs in fifteen counties to help them grow their businesses and operates a state-of-the-art incubator. TechColumbus provides very early stage capital to startups as well as mentoring and advice through the entrepreneurs-in-residence program and a series of events and programs designed to accelerate technology in the region. Prior to joining TechColumbus, Mr. Walker was President and CEO

of i2E, an Oklahoma private not-for-profit company focused on growing high-growth companies through venture advisory services, access to capital, and entrepreneurial development. Under his leadership, i2E experienced the largest growth in programs and infrastructure in its history, and substantially increased the risk capital available to entrepreneurs in Oklahoma. Mr. Walker has served as an advisor to the Ewing Marion Kauffman Foundation and was a founding board member of the Angel Capital Association (ACA). In addition to being a speaker and participant in the national and international entrepreneurial scene, he is the author of The Entrepreneur’s Handbook, an easy-to-understand step-by-step guide to commercialization for entrepreneurs with big ideas. Mr. Walker holds a B.S. in Aerospace/Mechanical Engineering from the University of Oklahoma and a Master of Business Administration from Oklahoma City University.

**Charles “Bubba” Weir**

Bubba Weir serves as the Vice President for Innovation Resources Development for the Mississippi Technology Alliance. Mr. Weir has a varied professional background in government and business. He was employed in federal, state and local economic development positions for more than 20 years. Because of his background, he has been able to combine his knowledge of government, academic and private sector resources with the needs of businesses and communities to help champion innovation and technology-based economic development. He is a member of the International Economic Development Council, Southern Economic Development Council and Mississippi Economic Development Council. Mr. Weir holds a Master of Public Policy and Administration degree with a concentration in Economic and Community Development, a Bachelor of Science in Business Administration, and currently is pursuing a Ph.D. in Human Capital Development.

**Tim Williamson**

Tim Williamson is the Co-founder and CEO of The Idea Village, a private, independent 501(c) (3) nonprofit organization founded in 2000 with a mission to identify, support and retain entrepreneurial talent in New Orleans. An entrepreneur by trade and by training, Mr. Williamson successfully has started and operated five entrepreneurial ventures in four different cities and has been a steadfast advocate for making New Orleans a vibrant entrepreneurial community. He is a frequent speaker on entrepreneurship and strategies to build an entrepreneurial ecosystem. A graduate of the Stanford University Executive Program for Nonprofit Leaders, New Orleans Regional Leadership Institute, and CABL’s Louisiana Leadership program, Mr. Williamson was honored among City Business “Power Generation,” Gambit “40 under 40” and 2009 YLC Role Model. He also earned the Junior Achievement Rising Star Award and received “Heroes of the Storm” award in 2008. He serves on the boards of City Year New Orleans and the Arts Council of New Orleans. Mr. Williamson received a B.S.M. in Finance from Tulane University.

**Stella Wixom**

Stella Wixom is Interim Executive Director of the Business Engagement Center, where she oversees the campus-wide strategy for corporate interactions at the University of Michigan. Ms Wixom works as a direct liaison between the business community and the university, identifying corporate partnership opportunities and matching university assets to industry needs. Before joining the Business Engagement Center, she was the national sales director for CFI Group, a customer and employee satisfaction research and consulting firm. Prior to CFI, Ms. Wixom had a 20-year career at Nortel Networks. During her tenure in a variety of senior management roles in marketing, sales and customer service, she acted as a strategic university team leader, and served as corporate liaison to the University of Michigan. Ms. Wixom is an alumna of the University of Michigan, where she received a Bachelor of General Studies with a focus on Business and Communications.

**Jan L. Youtie**

Jan Youtie is Director of Policy Research Services and Principal Research Associate in Innovation Partners, a unit of Georgia Tech's Enterprise Innovation Institute. She also is an Adjunct Professor in Georgia Tech's School of Public Policy and Co-founder of the program in Science, Technology, and Innovation Policy. Dr. Youtie's research focuses on manufacturing competitiveness, technology-based economic development, emerging-technology assessment, and innovation and knowledge measurement and evaluation. She has been principal investigator in studies sponsored by the U.S. Department of Commerce, National Science Foundation, European Commission, U.N. Development Program, Aspen Institute, Southern Technology Council, and Georgia Research Alliance, among others. Her research received the Lang Rosen Gold Award for best article by the Journal of Technology Transfer, and it also has appeared in Research Policy, Economic Development Quarterly, Technovation, Evaluation and Program Planning, Nature Nanotechnology, and many other journals. She holds a Doctorate in Political Science from Emory University.



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