

Scott M. Andes

EXPERIENCE

Interim Executive Director

InnovatePGH, Pittsburgh, Pennsylvania

October-December 2017

- Served as the interim lead of InnovatePGH, a technology-based economic development organization aimed at implementing Brookings recommendations around cluster development, entrepreneurship, and talent development;
- Created a technology-based economic development strategy for Pittsburgh.

Fellow

March 2013-Present

The Brookings Institution, Washington D.C.

- Leading original research in the areas of: Innovation Districts, urban policy, federal science and technology, industry-specific innovation strategies, and advanced manufacturing;
- Advising and presenting nationally as a Brookings Scholar on policies within my domain including supporting local, state, national governments;
- Managing year-long technology and economic development projects in Pittsburgh and Nashville and co-managing projects in Philadelphia, Oklahoma City, and Las Vegas.
- Engaging with university, federal, philanthropy, and private sector partners to implement economic policy, including city technology transfer programs, STEM workforce training, industry cluster strategies, and federal innovation policy;
- Assisting the Director in defining and developing a multi-year line of work on “Innovation Districts”;
- Work cited in *The Harvard Business Review*, *The Washington Post*, *The New York Times*, CNN, *The Atlantic*, *The Wall Street Journal*, NPR, *The Huffington Post*, *The New Republic* and others;
- Promoted from **Senior Policy Analyst** to **Associate Fellow** (2015), to **Senior Policy Associate** (2016), to **Fellow** (2017).

Research Analyst

May 2008-December 2013

The Information Technology and Innovation Foundation (ITIF), Washington, D.C.

- Produced research in the areas of: science, Internet, and advanced manufacturing policy;
- Oversaw ITIF’s quantitative deliverables (2009-2010);
- Promoted from Research Assistant to Research Analyst in six months.

National Campaign Staff, various positions

June 2007-April 2008

Hillary Clinton for President, Iowa, Nevada, Wisconsin, Washington, and Texas

- Oversaw offices in six primaries, including four full-time and twenty part-time employees;

Special Assistant to Senator Charles Schumer

January-June 2007

Democratic Senatorial Campaign Committee (DSCC), Washington D.C.

- Managed Senator Schumer’s DSCC schedule and served as the point of contact for external parties;
- Traveled with and assisted Senator Schumer on recruitment and fundraising trips.

Field Organizer

June-November 2006

Washington State Democratic Coordinated Campaign, Silverdale, Washington

- Managed and organized GOTV (Get Out the Vote) plans for three campaign offices.

EDUCATION

Carnegie Mellon University Graduation

December 2012

Master of Science, Public Policy and Management (MSPPM)

REPORTS AND PUBLICATIONS

- Smart Density: Strategic placemaking for a knowledge economy (forthcoming)
- Bringing Industry Back to Universities (forthcoming)
- [Capturing the Next Economy: Pittsburgh's rise a global innovation city](#)
- [Hidden in Plain Sight: The economic impact of downtown universities](#)
- [12 Principles guiding innovation districts](#)
- [Connect to Compete: Philadelphia's innovation economy](#)
- [Positioned for growth: Advancing the Oklahoma City innovation district](#)
- [Localizing the economic impact of research and development: Fifty policy proposals for the Trump administration and Congress](#)
- [Maximizing the local economic impact of federal R&D](#)
- [From health care capital to innovation hub: Positioning Nashville as a leader in health IT](#)
- [How Firms Learn: Industry-specific strategies for urban economies](#)
- [Advanced Industries: What they are, where they are, why they matter](#)
- [Going Local: Connecting the National Labs to their Regions to Maximize Innovation and Growth](#)
- [Cracking the Code on STEM: A People Strategy for Nevada's Economy](#)
- [Drive! Moving the Tennessee's Automotive Sector Up the Value Chain](#)
- [A Policymaker's Guide to Internet Tax](#)
- [An Alternative to Mercantilism: Manufacturing Extension Service in Latin America and Caribbean Countries](#)
- [Leadership in Decline: Assessing U.S. International Competitiveness in Biomedical Research](#)
- [Worse Than the Great Depression: What the Experts Are Missing About American Manufacturing Decline](#)
- [Innovation, Trade, and Technology Policies in Asia-Pacific Economies: A Scorecard](#)
- [Patent Boxes: Innovation in Tax Policy and Tax Policy for Innovation](#)
- [The Atlantic Century 2011: Benchmarking U.S. and EU Innovation and Competitiveness](#)
- [One from Column A, One from Column B: A Bipartisan Innovation Strategy](#)
- [17 is Not Enough: The Case for a More Robust R&D Tax Credit](#)
- [The 2010 State New Economy Index](#)
- [Buying Innovation: How Public Procurement Can Spur Domestic Innovation](#)
- [Opportunities and Innovations in the Mobile Broadband Economy](#)
- [Innovation Policy on a Budget: Driving Innovation in a Time of Fiscal Constraint](#)
- [ICT R&D Policies: An International Perspective](#)
- [Looking for Jobs?: Look to IT](#)
- [The Internet Economy 25 Years After .Com](#)
- [Steal These Policies: Strategies for Reducing Digital Piracy](#)
- [American Competitiveness in a Post-American World](#)
- [The World is Digital](#)
- [Driving a Digital Recovery: IT Investments in the G-20 Stimulus Plans](#)
- [The Atlantic Century: Benchmarking EU & U.S. Innovation and Competitiveness](#)
- [U.S. Continues to Tread Water in Global R&D Tax Incentives](#)
- [The 2008 State New Economy Index](#)

EDITORIAL, BLOGS, AND OTHER WRITINGS

- [Boosting research funding as uncertainty reigns](#)
- [Amazon wants to be near a downtown university](#)
- [Five reasons why “downtown universities” matter for growth](#)
- [Why the future looks like Pittsburgh](#)
- [Pittsburgh doesn’t have an Uber problem](#)
- [Trump’s “America First” budget will leave the economy running behind](#)
- [Trump and Congress should ‘localize’ the impact of federal R&D](#)
- [Last quarter the economy accelerated. What if it kept going?](#)
- [For higher-education firepower: cities should check their own backyards](#)
- [‘Job stealing’ robots are an economic distraction](#)
- [Technology will create tomorrow’s global cities](#)
- [Austin’s Big Bet on the Future of Urban Health Care](#)
- [Technology Transfer 2.0: Finding economic value in university R&D](#)
- [I took the “Fiscal Ship” test with an eye towards innovation](#)
- [How do companies come up with new ideas?](#)
- [Which industries develop software? All of them.](#)
- [Unlocking local capital with “silver startups”](#)
- [Why Today’s Corporate Research Centers Need to Be in Cities](#)
- [How to boost startups if you’re not San Francisco](#)
- [Rise of the rest? The Bay Area still dominates venture capital](#)
- [Robots Seem to Be Improving Productivity: Not Costing Jobs](#)
- [Health Care’s Clear and Present Danger](#)
- [The Case Against Corporate Short-Termism](#)
- [Why Who Pays for University Research Matters](#)
- [Why is labor productivity so low? Consider investments in skills](#)
- [Bootstrapping R&D: States, metros step into Washington’s shoes](#)
- [U.S. R&D: A troubled enterprise](#)
- [Don’t blame the robots for lost manufacturing jobs](#)
- [Robots are infiltrating growth statistics](#)
- [Don’t Blame the Robots for Lost Manufacturing Jobs—Yet](#)
- [Advanced industries drive down prices, making income more valuable](#)
- [U.S. advanced industries: Not so small after all](#)
- [Advanced Industries: Prerequisite for Shared Prosperity](#)
- [When Will We Get Black Friday Deals for Health Care?](#)
- [How Does Innovation Support Lower and Middle Class Families: Look to the Price Index](#)
- [R&D Tax Credit Crucial for Regional Economies](#)
- [Department of Energy’s National Labs Can Also Be Regional Hubs](#)
- [‘Printed’ Car Shows How Energy Labs Can Work Regionally](#)
- [China: A Manufactured Chimera? Part Two](#)
- [China: A Manufactured Chimera? Part One](#)
- [Kludging Out Progress: The Case of Manufacturing Hubs](#)
- [Software: America’s Hidden Manufacturing Advantage](#)
- [Foxconn Sends a Manufacturing Message with New Pennsylvania Plant](#)
- [State Governments Step Up R&D Investment](#)
- [From Satellites to Cares, Advanced Industries Matter](#)
- [Next for the U.S. Auto Sector: Beyond Wage Competition](#)
- [Keeping Tennessee Auto and Advanced Industries Competitive](#)
- [Manufacturing Renaissance Heads to Fort Worth with Motorola Announcement](#)
- [DOE’s Clean Energy Manufacturing Initiative Leverages Regions](#)

- [Jobs Alone Do Not Explain the Importance of Manufacturing](#)
- [Why California's GMO Labeling Proposition Should be Defeated](#)
- [When a fish is more than a fish](#)
- [Lessons from the new NSF innovation survey](#)
- [Is America really #1 in innovation?](#)
- [Getting Serious about Education: Why can we measure students but not teachers?](#)
- [Organic Food: Agricultural Panacea or Elitist, Luddite Farming Practice?](#)

ADVISING

The State of Tennessee
 The State of Nevada
 The World Bank
 Oak Ridge National Laboratory
 The Nashville Chamber of Commerce
 The Technology Development Corporation of Maryland
 The Oklahoma Chamber of Commerce
 The City of Pittsburgh
 The City of Philadelphia

SELECT PRESENTATIONS

Annual University Startup Conference, April, 2016.
 American Planning Association Annual Conference, March, 2016.
 National Association of Realtors National Conference, May 2015.
 Testimony before the Department of Energy's National Labs Commission, Dec. 2014.
 Southern Automotive Annual Conference, Nov. 2014.
 The U.S. Department of Commerce, Conference on National E-Commerce, April 2011.