2017 Smart Cities Innovation Accelerator

Developing an Actionable Strategic Plan for Your City

January 19–21, 2017
Harvard University
Cambridge, Massachusetts

Hosted by the Technology and Entrepreneurship Center at Harvard

2017 Smart Cities Innovation Accelerator

Come to Harvard to learn how to make your community an innovation leader for the future.

Technology has been the driving force of economies worldwide – but what about cities? Cities have to develop efficient operational models to provide services and infrastructure for their citizens; however, most services and infrastructure are built on a mixture of technologies that can span decades. Moreover, the rate at which cities have adopted new technologies has been historically slow, frequently with investments that are far out of balance with other important community needs.

Elected leaders are increasingly being asked about technology in the community such as residential broadband, how to welcome driverless cars, and how to embrace citizen-empowering health technologies. Citizens have come to expect rapid development and adoption of technology in their daily lives and in their businesses; they don't wish to see lines drawn between the enterprise and the community. For residents and visitors, the expectation is for the city to meet ever-escalating expectations. How do cities innovate and leverage technology to not only provide the services citizens need but also to build a model that supports rapid growth needed to attract and sustain highly successful inhabitants?

The **2017 Smart Cities Innovation Accelerator** at Harvard will help city strategic urban planners, chief innovation officers, technology officers, and economic development leaders establish strategies and an actionable digital plan. The 3-day program (Thursday, Friday, and Saturday) is a hands-on, immersion accelerator for your city's future where you will work alongside fellow city leaders, industrial experts and Harvard Fellows and researchers. Each day will focus on a specific level of your strategic plan: Infrastructure, Technology Platform, Public Service, and Community Value.

The **2017 Smart Cities Innovation Accelerator** is co-developed by the Fellows from the Technology and Entrepreneurship Center at Harvard along with city leaders and industrial experts. During the event, you will engage in informative case studies, peer-to-peer problem-solving sessions, and topical workshops designed to help you evaluate your current state and develop a plan to make your community an innovation leader for the future.

To ensure the learning and strategy translates directly to your city and team, we encourage cities to send at least two and up to four people from their strategic planning and technology team. This allows for the maximal transfer of knowledge which will ensure that all aspects of your plan are considered. Our goal is to send your team home with a specific, actionable strategic digital plan for the future.

The Innovation Accelerator is an invitation-only program for senior-most executives in the public sector, technology, start-up communities, and higher education. It will be held on the campus of Harvard University. Acceptance to the Accelerator is based on the proposed team and a nomination letter by the senior-elected official for that city.

Learn more about the Accelerator at:
http://theinnovatorsforum.org/smart-cities-innovation-accelerator

Wednesday, January 18

6:00 – 8:00 PM

Kendall Square

Welcome Reception for the
2017 Smart Cities Innovation Accelerator

(Hors d'oeuvres with Drinks)
Beat Brasserie, Harvard Square

Thursday, January 19

8:00 – 8:30 AM

Shuttle bus from Accelerator hotel to Harvard Campus
(Return is on your own in evening)

8:30 – 8:45 AM

Energizers: Coffee & Conversation
Registration Available

8:45 – 9:00 AM

Sponsor Welcome and Introduction
Introduction by: David S. Ricketts, Harvard University
Welcome by: Karl Bream, Nokia, Ken Stern, PMV

9:00 – 9:50 AM

InVision Thinking
David S. Ricketts, Harvard University

9:50 – 10:40 AM

City Focus
All Cities

10:40–11:00 AM
MD Foyer

BREAK - Coffee, Sugar, & Protein

11:00 – 11:30 AM

IoT: What Works, What Doesn't and What We Care About
Linda Doyle, Trinity College

11:30 AM – 12:00 PM

A Non-Data Scientist View on Data
Grace Simrall, Louisville KY

12:00 – 1:00 PM Harkness Dining Hall	**LUNCH** - Collaborative Discussion in Small Groups

1:00 – 1:20 PM **Startups and the Public Sector**
David Zipper, 1776

1:20 – 2:00 PM **Cool Data**
Case 1: **Weather in 100m and 60 sec**
Shimon Elkabetz
Case 2: **What's in Your Sewage?**
Newsha Ghaeli, MIT Senseable City Lab

2:00 – 2:20 PM **Data and Systems**
Andrew Smyth, Columbia University

2:20 – 3:00 PM **Roundtable Debate: Data-Driven or Problem-Driven Solutions**

3:00 – 3:20 PM MD Foyer	**BREAK** - Coffee, Sugar, & Protein

3:20 – 3:50 PM **Data Analytics: A Unified Approach**
Chris Crosby, Xaqt

3:50 – 4:00 PM **Analytics for Smart Cities**
Mark Masongong, Community Logiq

4:00 – 5:00 PM **Action Session: Data to Value, Playbook Strategy**
Led by Dr. David S. Ricketts & Shuya Gong, Harvard University

5:00 – 6:00 PM *Optional: Guided Tour of Harvard, free time in Harvard Square*

6:00 – 9:00 PM *Dinner in Small Groups*
Sign up at Accelerator (Hotel return – Uber or Taxi or Hotel Shuttle)

Friday, January 20

8:00 – 8:30 AM
Shuttle bus from Accelerator hotel to Harvard Campus
(return is on your own in evening)

8:30 – 9:00 AM
Energizers: Coffee & Conversation

9:00 – 9:40 AM
Startups & Scaleups
Jeremey Goldberg, San Francisco
Nicola Corzine, Nasdaq Entrepreneurial Center
Jon Robinson, West Sacramento

9:40 – 10:40 AM
Startups w/Cities
Debra Lam, GaTech
Case 1: **Communitylogiq**
Mark Masongong
Case 2: **Building Eye**
Ciaran Gilsenan
Case 3: **Xaqt**
Chris Crosby

10:40–11:00 AM
MD Foyer
BREAK - Coffee, Sugar, & Protein

11:00 – 11:20 AM
A CIO – CEO Perspective
Ted Smith, City of Louisville

11:20 AM – 12:00 PM
Roundtable Debate: Startups in Smart Cities: Role, Perspective & How Can Big Companies Work like Small Companies

12:00 – 1:00 PM
Harkness Dining Hall
LUNCH - Collaborative Discussion in Small Groups

1:00 – 1:20 PM   **Systematic Solutions**
Jason Collins, Nokia

1:20 – 1:40 PM   **From Small to Big – Bringing it Together**
Bob Bennett, Kansas City

2:00 – 3:00 PM   **Case Studies: Solutions in Action**
Case 1: **Cisco**
TJ Costello
Case 2: **San Jose**
Rob Lloyd
Case 3: **Boston**
Nigel Jacob
Case 4: **San Diego**
David Graham

3:00 – 3:20 PM   **BREAK** - Coffee, Sugar, & Protein
MD Foyer

3:20 – 3:40 PM   **Solutions for the Whole City**
Albert Seubers, Atos

3:40 – 4:00 PM   **City-University Partnerships**
Benjamin Levine, MetroLab

4:00 – 5:00 PM   **Action Session: Scaling from Streets to Metropolitan Areas**
Led by Dr. David S. Ricketts & Shuya Gong, Harvard University

5:00 – 6:00 PM   *Informal Happy Hour*

6:00 – 9:00 PM   *Dinner in Small Groups*
Sign up at Accelerator (Hotel return – Uber or Taxi or Hotel Shuttle)

Saturday, January 21

8:00 – 8:30 AM *Shuttle bus from Accelerator hotel to Harvard Campus*

8:30 – 9:00 AM *Energizers: Coffee & Conversation*

9:00 – 9:20 AM **Governance – An International Perspective**
Jamie Cudden, Dublin

9:20 – 9:40 AM **Governance – Models and Methods**
Brian Donnellan, Innovation Value Institute, Ireland

9:40 – 10:10 AM **Integration on the Large Scale**
Miguel Gamiño, NYC

10:10 – 11:30 AM **Action Session: Governance, Beyond the Hype and Into the Plan**
Led by Dr. David S. Ricketts & Shuya Gong, Harvard University

11:30 AM – 12:30 PM
MD G115
(In Classroom)
LUNCH
Increasing Civic Engagement Through Participatory Budgeting and Deliberative Decision-Making
Luke Hohmann

12:30 – 1:00 PM **Security: A Different Perspective**
Will Bengston, Nuna, Inc.

1:00 – 2:00 PM **Roundtable Debate: Security – Beyond Privacy**

2:00 – 2:45 PM	**Action Session: Your City's Digital Playbook** Led by Dr. David S. Ricketts & Shuya Gong, Harvard University
2:45 – 3:00 PM	**What's Next: Our Plan Forward** Led by Dr. David S. Ricketts & Shuya Gong, Harvard University
3:00 PM	**ADJOURN**

Accelerator Chair

Dr. David S. Ricketts Innovation Fellow, Technology and Entrepreneurship Center at Harvard

Dr. David S. Ricketts is an Innovation Fellow for the Technology and Entrepreneurship Center at Harvard. He received his PhD from Harvard University and has held appointments at Carnegie Mellon University, Harvard University, MIT and North Carolina State University. For the past decade, Dr. Ricketts has helped shape the Innovation in Science and Technology courses in the School of Engineering and Applied Sciences, in addition to his research on innovation and technology. In 2015, he started the Strategic Innovation Summit and Symposium Series to engage industry, non-profit, government, and other sectors regarding the role of entrepreneurship and innovation in business growth and their impact on society. He teaches and speaks regularly on innovation and business strategy. Dr. Ricketts' focus is on the role of the individual innovator, and he works with senior leaders to develop new innovators and systemic innovation in their companies.

In addition to Dr. Ricketts' innovation research, he is an award-winning scientist and engineer whose innovations have been featured by Popular Science, Smithsonian, NBC News, CBS News, Fox News, ESPN, and many other science news outlets. He is the recipient of the National Science Foundation CAREER Award and the U.S. Defense Advanced Projects Agency (DARPA) Young Investigator Award. His work has appeared twice in Nature, and he has numerous IEEE publications, including a feature article in the Proceedings of the IEEE.

Participants

Peter Baer Head of Corporate Development, Palisades Media (a WPP company)

Peter Baer is the Head of Corporate Development for Palisades Media (a WPP company) where he oversees all sponsorships, partnerships and branded content distribution. In this capacity, he has launched numerous successful public affairs related and corporate social responsibility initiatives.

William Bengtson Security Lead, Nuna, Inc.

William Bengtson is an information security professional with many years of experience in a variety of roles including red teaming, network security, architecture risk analysis lead, software security, exploit development, security architect lead, application developer and certification lead. Bengtson leads Security Engineering at Nuna and comes from Lockheed Martin as a Core Cyber Security Lead, Cigital as a Senior Security Consultant, and Raytheon as a Cyber-Professional having studied anti-tamper, reverse engineering and exploit development (on both standard and non-standard systems). Bengtson has worked in numerous industries providing support and expertise creating a proactive stance on security within the industries.

Bob Bennett Chief Innovation Officer, City of Kansas City, MO

Bob Bennett became the Chief Innovation Officer for the City of Kansas City, Missouri, in January 2016 after a 25-year career in the US Army. Bob leads the Smart City initiatives, a suite of projects including: Public Wi-Fi, digital kiosk installation, dynamic traffic light control and smart lighting programs in the city's downtown core. In February 2016, he led the city's planning team for the DoT Smart City Challenge, which developed a $72 Million plan the City will use to extend Smart City infrastructure throughout the 318 miles of KCMO.

Ed Blayney Innovation Project Manager, Louisville Metro Government

Ed Blayney is an Innovation Project Manager in the Office of Performance Improvement and Innovation for Louisville Metro Government (KY) and a 2016 Route 50 Navigator Award recipient. His projects focus on digital inclusion, smart city research and implementation, and civic tech. Before joining Louisville Metro, he served as an infantry officer in US Army and completed his graduate studies at the School of Government at UNC-Chapel Hill.

Karl Bream Vice President and Head of IoT Strategy, Nokia

Karl Bream is the Vice President and Head of the Internet of Things Strategy at Nokia. In that role, Karl focuses the company's investments and resources towards the most significant opportunities for growth in the Internet of Things ecosystem.

Erik Caldwell Director of Economic Development, City of San Diego

In March of 2015, Erik was appointed as Director of the City of San Diego's newly created Economic Development. The department is focused on strengthening communities by establishing strategic partnerships which cultivate a sustainable, dynamic economy and create community development opportunities. The department is also charged with leading the City's efforts to reduce its carbon footprint by 50% and power the City's buildings and homes with 100% clean energy by 2035.

Grant Coffey Manager, Strategic Planning, Policy & Standards, City of Toronto

Grant Coffey is a strategic leader with over 25 years of experience in the Information Technology Sector across both the public and private sectors. With a focus and commitment to service excellence and smart cities. Grant has a proven track record leading and delivering strategic initiatives and managing large service delivery organizations. Grant is currently the Manager, Strategic Planning, Policy and Standards in the Information & Technology Division at the City of Toronto, managing the development of the City's IT Strategy setting future directions for the 4th largest City in North America with over 30,000 employees.

Jason Collins VP, Nokia

VP IoT Marketing at Nokia. Jason began his career as a faculty researcher in communications at Georgia Tech and proceeded through various communication service providers and tehcnology startups -- finally landing at Nokia, helping to understand and advance realization of IoT business value through innovative ecosystem building.

Nicola Corzine Executive Director, Nasdaq Entrepreneurial Center

Nicola Corzine serves as the founding Executive Director of the Nasdaq Entrepreneurial Center, a San Francisco-based non-profit organization designed to educate, innovate and connect aspiring and current entrepreneurs. As Executive Director, Nicola is responsible for strategic and operational leadership. Nicola brings over 15 years of strategic business development and entrepreneurial thought leadership programming experience to the Nasdaq Entrepreneurial Center, most recently in her role as Investment Manager for the Band of Angels, a position she held since 2004. Nicola has a broad background in investor relations and marketing at both startup companies, such as Digital Integrity, and financial institutions, including Credit Suisse First Boston and Fundraising Forum. Nicola is a frequent speaker on angel investing, technology trends and seed financing.

Lorie Cosio Azar Program Manager, Energy & Sustainability, City Of San Diego

Lorie has worked with the City of San Diego for more than 25 years and for the past 6 years with the Energy & Sustainability Division, managing Energy Programs and the Cities Smart Adaptive Control Standards and lighting Program. Lorie has experience with Smart City Initiatives and deployments which include deployment of various Citywide Capital Improvement Programs. Lorie holds a Bachelors Degree in Industrial Technology from San Diego State University and is LEED Certified.

Chris Crosby CEO, Xaqt

Chris Crosby is the Founder and CEO of Xaqt, a global provider of Smart City Technologies and Predictive Intelligence based in Chicago. He has more than 15 years of leadership experience in building startups and advancing innovations in all things data related.

TJ Costello Americas' Director Smart Cities & IoT, Cisco Systems

As Cisco's Sales Leader for Smart Cities and the Internet of Things TJ Costello is responsible for growth initiatives, go to market strategies and strategic alliances for the Americas focused on cities and government agencies. TJ has a passion for building strong successful customer relationships. In order help customers TJ understands that it all starts by focusing on building a great organization with great people.

Jamie Cudden Smart City Program Manager, Dublin City Council

Jamie leads the development and implementation of Dublin City Council's Smart City strategy and the roll-out of "Smart Dublin" across the city-region. He has extensive experience working across industry, local and central government to deliver projects that enhance Dublin's economic competitiveness. He is currently a Director and Company Secretary with ECO-UNESCO, a leading Irish environmental education charity that works with young people across Ireland. Jamie holds a science degree from Trinity College Dublin and a Masters in Geographic Information Science (GIS) from University College London. He previously worked in policy and technical advisory roles with Kensington and Chelsea Borough in London, Government office for London, the Home Office, Met Police and the Jill Dando Institute of Crime Science in the UK. He is currently a member of the TM forum global Smart City Leadership Team, the Wireless Broadband Alliance connected cities advisory board (CCAB) and is the current President of the City Protocol Society.

Brian Donnellan Professor of Information Systems, Maynooth University

Professor Brian Donnellan is Professor of Information Systems Innovation at Maynooth University (www.nuim.ie) and is Co-Director of the Innovation Value Institute (www.ivi.ie). He is also Lead Research in Lero, the Irish Centre for Software Research.

Jessica Dorman Senior Event Manager, Nasdaq Entrepreneurial Center

As Senior Event Manager Jessica is an integral part of the events team. Jessica's creative vision of engaging the entrepreneur community in memorable, innovative, interactive experiences creates the welcoming atmosphere found at all Center events. Jessica brings 6 years of experience in food marketing and event planning. As a marketing associate at Columbus Foods she planned and executed their participation in national food and wine events. She also worked closely with chefs and caterers to develop innovative product usage. While at the boutique food consulting firm GFY Foods Jessica was responsible for small client events as well as trade events. She worked on site at many corporate and private events for the San Francisco based Jane Hammond Events and on entertainment events while at Echo Bridge Entertainment.

Linda Doyle Professor of Engineering & the Arts, CONNECT, Trinity College Dublin, University of Dublin

Linda Doyle is the Director of CONNECT and is the Professor of Engineering and the Arts in Trinity College Dublin, University of Dublin. CONNECT is a national research centre focused on future networks and communications, is co-funded by Science Foundation Ireland and industry, headquartered in Trinity College and is spread over ten different academic institutions in Ireland. Her expertise is in the fields of Internet-of-Things, cognitive radio, reconfigurable networks, spectrum management, digital markets, and creative arts practices. Linda has raised over 80 million in research funding in the past decade and has published widely in her field. Prof. Doyle has a reputation as an advocate for change in spectrum management practices and has played a role in spectrum policy at the national and international level. Currently she is a member of the National Broadband Steering Committee in Ireland, and is a member of the Ofcom Spectrum Advisory Board in the UK. Prof. Doyle is on the advisory board of Wireless@KTH in Sweden. She is a Fellow of Trinity College Dublin.

Anne Froble S+CC Business Development Manager, Cisco Systems

Anne is a seasoned, strategic sales leader with a strong track record and a passion for various philanthropies around healthcare, environment and young women in STEM. She is responsible for business and strategic development in digital transformation within S+CC for the East Area in US & Canada. In FY17, she joined the S+CC team after implementing smart and connected healthcare solutions in the largest provider in the courtry during her tenure as the Federal Healthcare Regional Manager & Client Executive. With over 20 years of experience in the IT industry solving complex problems with cross-portfolio solutions, she joined Cisco 4 years ago after her 15-year career with Hewlett-Packard. At HP, she served as the Account General Manager where she managed a large portfolio of products and services in a variety of Enterprise, Global and territory accounts including Systems Integrators. She also spent time at Microsoft managing Federal Healthcare, Professional Services and Systems Integrators.Anne resides in the Annapolis, Maryland area with her husband Rich and three children, Braden, Ava and Ian. She has a Computer Science degree from Shepherd University and volunteers regularly for the Chesapeake Bay Foundation, DAV (Disabled American Veterans) and multiple mentor /STEM programs for young in career.

Miguel Gamiño Chief Technology Officer, City of New York

Miguel Gamiño Jr. serves as Chief Technology Officer for the City of New York. In this role, he is working with City agencies to develop a Smart City and Internet of Things strategy that ensures coordination, collaboration and innovation across the City. He also leads the City's Broadband program, partnering with agencies, private industry and academia to further the Mayor's goal to ensure every resident and business will have access to affordable, reliable, high-speed broadband service everywhere by 2025. Gamiño previously served as Chief Information Officer for the City and County of San Francisco and Executive Director of the Department of Technology. Prior to joining San Francisco in July 2013, he served the City of El Paso, Texas as the Chief Information and Innovation Officer and Director of the Department of Information Technology Services. As a technology entrepreneur, Gamiño has founded two technology companies and managed them through the start-up phase and into successful operations.

Kate Garman Innovation Analyst, City of Kansas City, MO

Kate Garman is the Innovation Analyst for the City of Kansas City, MO. She is the legal and policy analyst in the Office of Innovation, drafting ordinances and policy recommendations to foster a culture of innovation in Kansas City. In addition, Kate runs Kansas City's Innovation Partnership Program, a program in which start up companies pilot technology programs with Departments at City Hall. She recently graduated from the University of Missouri -- Kansas City School of Law, after concluding her year long role as Student Editor-in-Chief of *The Urban Lawyer*, the national ABA publication on state and local governance.

Newsha Gaeli Research Associate, Massachusetts Institute of Technology

Newsha Ghaeli explores the future of cities through the transformative power of technology. She is currently a Research Associate at MIT and Project Lead at the Senseable City Lab: a group dedicated to understanding cities through advancements in big data analytics, data visualization techniques, and increased computing power. Newsha's work focuses on the creative application of sensor-based technologies in urban systems to generate new data streams promoting resilient, efficient, and intelligent cities.

Ciaran Gilsenan Founder & CEO, Buildingeye

Ciaran Gilsenan is the Founder and CEO of Buildingeye Inc., a technology company based in San Francisco which simplifies access to government data. In that role, he manages partnerships, product development and company growth. He is a qualified Civil Engineer and has spent over 13 years in Building and Planning sector. He has designed and managed large-scale construction projects from concept to completion. While in that role he interacted continuously with Government departments and members of the public. Buildingeye were selected by the City & County of San Francisco to participate in their inaugural Entrepreneur-in-Residence program, they started the "BLDS" standard for building permit data and were selected in the 2016 Top 100 Companies servicing Government as a client in the US.

Francesc Giralt Director of Society Affairs, City Protocol Society

Francesc Giralt is an Emeritus Professor at the University Rovira i Virgili and the Director of Society Affairs at the City Protocol Society (CPS). He has applied the principles of nonlinear dynamics and a systems approach to help understanding cities as complex and adaptive ecosystems. He is responsible for developing the CPS strategic vision of providing measurable value to cities and city networks by promoting collaborative approaches to identifying and developing practical and open source-based solution protocols for global smart city development and innovation.

Jeremy Goldberg Director, Civic Innovation Partnerships, San Francisco Mayor's Office of Civic Innovation

Jeremy M. Goldberg is director of Civic Innovation Partnerships in the San Francisco Mayor's Office of Civic Innovation, where he leads Startup in Residence, a 16-week program that partners government departments with startups to develop products and services in San Francisco and three partner cities. He also leads Civic Bridge, which recruits private-sector teams to volunteer their time to work on critical public-sector issues with city staff and departments. Previously he was deputy chief of staff for civic innovation in the San Jose, Calif., mayor's office.

David Graham Deputy Chief Operating Officer, City of San Diego

David Graham is a veteran local government advisor having worked for the County of San Diego and City of San Diego as well as a stint in private sector public affairs. Serving on Mayor Kevin Faulconer's Executive Leadership team as DCOO for the Office of Neighborhood Services, he oversees a group of departments including Libraries, Parks & Recreation, Development Services, Economic Development, Planning, and the Arts and Culture Commission.

Silvia Harris Deputy Director of Operations, City of Pittsburgh

Sylvia serves as the Deputy Director of Operations for the Department of Innovation and Performance. Sylvia is in charge of all IT Operations ans support for the City of Pittsburgh, both on-site and remotely. She has been working for the City of Pittsburgh since 2008. A proud native of Chicago, Sylvia is a fan of baseball and the Pittsburgh Pirates-- second only to the Chicago Cubs. Sylvia enjoys living in her adopted City of Pittsburgh, she's enthusiastic about the recent tech and cultural renaissance in the City.

Luke Hohmann CEO, Conteneo, Inc.

Luke is the founder and CEO of Conteneo Inc. Conteneo's enterprise software platforms and professional services merge collaboration frameworks, data analytics, and domain expertise to help organizations optimize decision making in the areas of strategy, innovation, sales, product development, and market research. Luke is also cofounder of Every Voice Engaged Foundation (EVEF), a 501(c)3 nonprofit that that helps citizens, governments, and other nonprofit organizations collaborate at scale to solve technical and wicked problems. EVEF has been a leader in the Participatory Budgeting movement, helping citizens prioritize hundreds of millions of dollars through budget games. EVEF has also partnered with the Kettering Foundation to create Common Ground for Action, the first platform for scalable deliberative decision making.

Cody Hooven Chief Sustainability Officer, City of San Diego

Cody Hooven leads sustainability planning and policy for San Diego, the 8th largest city in the country. With recent adoption of a new Climate Action Plan, Ms. Hooven is exploring how transportation, green buildings, renewable energy, climate resilience, and social equity are included in the city's approach to sustainable communities and transforming San Diego into a Smart City. Her role also includes engaging business in win-win solutions and connecting technology and innovation to sustainability. She is also a founding member and current chair of the San Diego Regional Climate Collaborative.

Nigel Jacob Co-Chair, Mayor's Office of New Urban Mechanics

Nigel Jacob is the Co-founder of the Mayor's Office of New Urban Mechanics, a civic innovation incubator and R&D Lab within Boston's City Hall. Nigel's work is about making urban life better via innovative, people-oriented applications of technology and design. Prior to joining the City of Boston in 2006, Nigel worked in a series of technology start-ups in the Boston area. He was also previously the Urban Technologist in Residence at Living Cities, a philanthropic collaboration of 22 of the world's largest foundations and financial institutions, is currently a board member at organizations such as Code For America and coUrbanize, and is an Executive-in-Residence at Boston University. Nigel's work has been written about extensively in magazines such as *Wired*, *MIT Technology Review*, *Fast Company* and books including *The Responsive City*, by Stephen Goldsmith and Susan Crawford and *Smart Cities* by Anthony Townsend. This ground breaking work has earned Nigel a number of awards including being named a Public Official of the year in 2011 by *Governing Magazine*, a Whitehouse Champion of Change and the Tribeca Disruptive Innovation award for 2012.

Debra Lam Managing Director, Smart Cities and Inclusive Innovation, Georgia Tech

Debra Lam is the Managing Director of Smart Cities and Inclusive innovation for Georgia Tech, a newly created role to drive smart cities and urban innovation work across the university. Prior to this, she served as Pittsburgh's first ever Chief of Innovation & Performance where she oversaw all technology, sustainability, performance and innovation functions of city government. She crafted the city's first strategic plan for innovation, the Inclusive Innovation Roadmap. She has worked and lived in New York, the United Kingdom, China, Taiwan, and Hong Kong. She is a graduate of Georgetown University and University of California, Berkeley.

Jackie Lender Mayor's Fellow, City of Boston

Benjamin Levine Executive Director, MetroLab Network

Ben serves as Executive Director of MetroLab Network, having initially served as Interim Director of the organization following its launch. Prior to that role, Ben served as a Policy Advisor at the U.S. Department of the Treasury, where he was responsible for policy development pertaining to state and local government finance, with a particular focus on infrastructure policy. He worked closely with the White House's Office of Science and Technology Policy on the organization and launch of MetroLab Network. Prior to his role at Treasury, Ben worked at Morgan Stanley, where he provided investment banking services to state and local government clients. He is a graduate of the Wharton School at the University of Pennsylvania.

Rob Lloyd CIO, City of San José

Rob Lloyd is CIO for the City of San José, California, directing the City's diverse civic technology portfolio. The city organization consists of 6,500 employees with a $3 billion total budget. It serves over one million residents in the heart of Silicon Valley and is the tenth largest city in the nation. San José's Smart Cities Vision is the centerpiece of its efforts to innovate government services by 2020. Over two decades, Rob has held executive roles in the technology, government, and utilities sectors in California, Arizona, Oregon, and Colorado. He is a *Government Technology Magazine* Top-25 Doers, Dreamers and Drivers; Arizona Top Tech Execs; and *Phoenix Business Journal* Forty Under 40 honoree. His teams have earned 16 national awards for applied technologies, customer engagement, and innovative programs, including #1 honors in the Center for Digital Government's Digital Cities Awards three consecutive years.

Mark Masongso CEO, CommunityLogiq

Mark Masongsong graduated from Simon Fraser University with a Bachelor's in Political Science and International Relations and a Certificate in Community Economic Development. He has worked as a political and policy advisor at all levels of government in Canada and has served on boards for environmental and humanitarian charities, for which he was awarded the Queen's Golden Jubilee Medal.

Rob Meikle Chief Information Officer, City of Toronto, Information & Technology

Rob Meikle is the Chief Information Officer (CIO) for the City of Toronto. In his role as CIO, Rob provides visionary leadership for the delivery of flexible and integrated information and communication technology solutions that enable and drive Service Excellence.

Laura Meixell Chief Data Officer, City of Pittsburgh

Laura serves as the Chief Data Officer for the City of Pittsburgh, PA. Her team started the Open Data and analytics, and business intelligence programs in the City and she co-founded the Western PA Regional Data Center at the University of Pittsburgh. Previously Laura worked with Code for America and the Department of Housing and Urban Development.

Jeff Merritt Director of Innovation, City of New York

Jeff Merritt serves as Director of Innovation for the City of New York. In this role, he focuses on leveraging innovative approaches and smart city technologies to advance the Mayor's equity agenda and achieve the ambitious goals set forth in the Plan for One New York. Prior to helping establish the Mayor's Office of Technology and Innovation, Jeff played an instrumental role in crafting Mayor de Blasio's technology platform. He holds a Master's degree from Columbia University and more than 15 years of leadership experience driving social change in the public sector. Highlights include helping organize the first entirely online public election in U.S. history, laying the groundwork for the world's largest, fastest municipal Wi-Fi network, and leading the creation and adoption of new guidelines and tools to promote the responsible and equitable expansion of the Internet of Things.

Jeff Murphy Planning Director, City of San Diego

Prior to his role as Planning Director for the City of San Diego, Jeff served at the County of San Diego in an array of planning positions. He has overseen several land development divisions, supervised numerous complex planning projects, and updated several land development programs. In addition to these accomplishments, Jeff also has private sector experience in San Diego. As an employee for KPMG, he cultivated relationships with business organizations and community members to foster economic development. Murphy earned a B.S. in Urban and Regional Planning from Cal Poly, Pomona and a Master of Public Administration with an emphasis in city planning from San Diego State University.

Susan Nguyen Chief of Staff, Mayor's Office of New Urban Mechanics, City of Boston

Susan is a Boston-based designer and planner. She leads the New Urban Mechanic's i-team work around the Third Space Lab. The team prototypes new methods of innovation to deliver more equitable products and services to improve the quality of life of our residents and visitors.

Maksim Pecherskiy CDO, City of San Diego

As the CDO for the City of San Diego, working in the Performance & Analytics Department, Maksim strives to bring the necessary components together to allow the City's residents to benefit from a more efficient, agile government that is as innovative as the community around it.

Jon Robinson Deputy City Manager, City of West Sacramento

Jon Robinson is Deputy City Manager of the City of West Sacramento, California, where (among other responsibilities) he coordinates the City's Innovation and Technology Team. Comprised of representatives from each of the City's eight departments, this group provides technical assistance to support staff-led streamlining efforts and makes recommendations to the City Manager regarding innovation projects including collaborative training opportunities, recognition programs, and the City's partnership with San Francisco's Startup in Residence (STIR) program. Jon is a graduate of the University of California at Davis, and holds an MPPA from California State University, Sacramento.

Stan Schultes Innovation Architect, Spark Growth

Stan Schultes is co-founder of Spark Growth, a social/civic innovation enterprise and an expert in Strategic Doing, an agile and action-centric protocol for rapid development and implementation of strategies across organizations and sectors. His current development work is focused on Smart Cities initiatives

Chris Seidt Civic Technology Manager, Louisville Metro Government

Chris Seidt (@chrisseidt) is a Civic Technology Manager for the Department of Information Technology at Louisville Metro Government, and a 2015 recipient of the Workforce Warrior Award presented at the Summit on Government Performance & Innovation. His work revolves around broadband and technologies that affect the daily lives of citizens, including Louisville's efforts around Smart Cities. Chris has served Louisville Metro Government for over 13 years, starting as a police dispatcher. Chris has also served as a network engineer, network supervisor, and IT Infrastructure and Operations Manager over the past eight years, and is a graduate of Sullivan University.

Senthil Sengodan Head of North America Strategy, Nokia

Senthil Sengodan is head of strategy for Nokia North America. He joined Nokia in 1997 and has held various roles within their research and sales organizations. Senthil has a Ph.D. in Electrical Engineering from the University of Southern California (USC), and an MBA from Wharton.

Albert Seubers Director global strategy IT in Cities, Atos

Albert (1959) graduated at Agricultural University Wageningen in building technologies and biomass gasification. Ever since he worked in IT consultancy focused on governmental topics. He worked for Dutch Telecom implementing the first fiber networks in Netherlands, for CMG as director in the Public Sector Service group, for HP as Public Sector executive before he joined Atos. Since 2011 he is Director Global Strategy IT in Cities for Atos. The Atos MyCity program focusses on the virtuous circle of managing a city on all aspects as safety, citizen services, employment, education, social and health care, transport and traffic, sustainability and governance and economics. Engaging citizens and business communities to create and maintain a sustainable, safe and prosperous city is the key message in Atos MyCity. In his role he works with cities all over the world to help them define their strategy often referred to as a Smart City Strategy or find solutions to support their strategy. Albert is a strong believer in the fact that IT plays an important role in creating that future city we all want to live in. Where Data is the key enabler for improved services and sustainable and economic progress.

Rob Silverberg CTO Enterprise Application Architecture, SLED, Dell EMC

Rob is currently the Director and CTO for Enterprise Application Architecture for the State and Local Government and Education division at Dell EMC. In this role, Rob works with government customers across the nation to help these agencies understand how EMC's portfolio of technologies and solutions can help them achieve their goals.

Rob.Silverberg@Dell.com

Grace Simrall Chief of Civic Innovation and Technology, Louisville Metro Government

Grace Simrall was named Chief of Civic Innovation and Technology for Louisville Metro Government in August 2016. Prior to this role, Simrall served as Executive Director of Innovation at Care Innovations, a wholly owned subsidiary of Intel, where she was responsible for the company's innovation and analytics initiatives. In 2010, she founded iGlass Analytics, a startup focused on delivering data management and analytics solutions in the healthcare technology space. In that role, she worked with payers, providers, and accountable care organizations (ACOs) to apply enterprise data management design principles and cutting edge analytical tools to their specific challenges. Simrall earned a bachelor's degree in the geophysical sciences from the University of Chicago and a master's degree in mechanical engineering from the University of Louisville's Speed School of Engineering.

Ted Smith Co-Chair, Louisville Civic Innovation Advisory Council, City of Louisville, KY

Ted is the former Chief Innovation Officer of the City of Louisville Kentucky. Ted created the AIRLouisville Program and several follow-on projects aimed at monitoring and then improving asthma exacerbations by looking at the built environment. Ted is currently the CEO of Revon Systems (a health tech startup) and serves the Mayor as Co-Chair of a Citizen Civic Innovation Advisory Council in Louisville.

Andrew Smyth Professor of Civil Engineering & Chair of the Smart Cities Center, Columbia University

Specializes in infrastructure health monitoring, using sensor information to determine the condition of critical infrastructure. Recently his interest in sensor network monitoring has expanded to large fleets of vehicles in urban environments. Smyth has been involved with the sensor instrumentation and vibration analysis and remote monitoring of a large number of iconic long-span bridges and landmark buildings and museums. His research interests include the development of data fusion and system identification algorithms to derive maximum information from large heterogeneous sensor networks monitoring dynamical systems, nonlinear system dynamical modeling and simulation, and natural hazards risk assessment. He is an NSF CAREER award recipient, 2008 ASCE Walter L. Huber Civil Engineering Research Prize recipient, and in 2013 was elected as a Fellow of the ASCE Engineering Mechanics Institute.

Ken Stern Co-founder & President, Palisades Media Ventures

Ken Stern leads the creative and business teams at PMV, focusing on creating new and innovative programming for digital platforms and television. Stern is the author of "With Charities For All: Why Charities Are Failing and A Better Way to Give" (Doubleday 2013). He is also a frequent contributor to publications such as The Atlantic, Slate, the Daily Beast, the Washington Post and the Chronicle of Philanthropy. Prior to launching Palisades, Stern was the CEO of National Public Radio. During his tenure, NPR's radio audience more than doubled, from under 13 million weekly listeners to more than 26 million weekly listeners. Revenues during his nine years at NPR grew from $75 million to $210 million. Stern also launched NPR's world class digital efforts which included two satellite channels, its mobile and podcast services, NPR Music and oversaw the successful expansion of NPR.org. Prior to joining NPR, Stern was a senior executive in American International Broadcasting. Earlier in his career, he held positions in Democratic politics. He began his media career with Radio Free Europe/Radio Liberty in Munich. Stern, a lawyer by training, holds degrees from Haverford College and Yale Law School. He lives in Washington, DC with his wife Beth Cooper and their son Nate.

Almis Udrys Director, Performance & Analytics Department, City of San Diego

Almis Udrys, the first Director of the City of San Diego's award-winning Performance & Analytics Department, turns buzzwords such as efficiency, accountability, and transparency, into reality through open data, performance management, and operational excellence initiatives. Almis has over 15 years of policy and operational experience in local government and the State of California, where he served as a performance auditor, health policy advisor, and senior legislative budget strategist.

Jeffrey Williams Director of City Planning and Development, City of Kansas City, Missouri

Jeffrey Williams has been the Director of City Planning and Development for Kansas City, Missouri (KCMO) since March 2015 after joining the department in July 2013 as its Principal Assistant to the Planning Director. He leads a staff of over 130 employees that guides the future growth and development of Kansas City — a city that covers 319 square miles with a population of over 464,000 residents. Jeffrey has worked in the fields of urban design, historic preservation, and city planning at local and county government agencies for over 25 years. Prior to working in Kansas City, he served as the Commissioner of Planning and Development for the cities of Yonkers, New York and Mount Vernon, New York and was the Principal Historic Preservation Planner for Westchester County, New York.
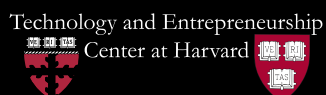
David Zipper Managing Director for Smart Cities and Transportation, 1776

David Zipper leads 1776's work in the Cities and Transportation sectors, including venture investments into startups as well as strategic relationships with corporations, associations, and local governments worldwide. Prior to joining 1776, David oversaw economic development strategy for two mayors of Washington, D.C., including the launch of the DC Tech Incentives program and the DC China Center in Shanghai. David was previously the Executive Director of NYC Business Solutions under Mayor Bloomberg in New York City, and he worked with Harvard professor Michael Porter to develop strategies to create jobs across America's inner cities. A Truman and Gates Scholar, David holds a bachelor's degree with high honors from Swarthmore College, a MPhil in urban planning from Cambridge University, and an MBA with highest honors from Harvard Business School.

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The Technology and Entrepreneurship Center at Harvard (TECH)
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theinnovatorsforum.org/smart-cities-innovation-accelerator
smartaccelerator2017@theinnovatorsforum.org