



GREATER PHILADELPHIA  
**FUTURES GROUP**

ENGAGE. COLLABORATE. ENVISION.



## Dialogue on Smart Cities and Regions

**July 19, 2018, 9:00 – 11:00**

Delaware Valley Regional Planning Commission

190 N. Independence Mall West, 8th Floor

Main Conference Room

*Light refreshments will be served in advance of the meeting.*

---

## AGENDA

### Welcome and Introductions

### Panel 1: What is a smart city? What opportunities and challenges do they present?

- Anthony Townsend, Founder and Principal Consultant, Bits and Atoms, Author, *Smart Cities*
- David Zipper, Resident Fellow at the German Marshall Fund's Urban and Regional Program

### Panel 2: What are different groups doing to make a smarter Greater Philadelphia?

- Amy McIlvaine, AT&T Smart Cities
- Lenny Kravets, Interdigital and Philadelphia IoT Meetup
- Ellen Hwang, City of Philadelphia, Office of Innovation Management

---

#### Connecting People, Places & Prosperity in Greater Philadelphia

The Delaware Valley Regional Planning Commission (DVRPC) fully complies with Title VI of the Civil Rights Act of 1964 and related nondiscrimination statutes in all activities. For more information, visit [www.dvrpc.org/GetInvolved/TitleVI](http://www.dvrpc.org/GetInvolved/TitleVI).

Connect With Us!     

# BIOS

**Dr. Anthony Townsend** is an internationally-recognized expert on urbanization and digital technology. He is the founder of Bits and Atoms, a smart cities strategy consultancy and planning studio that works with industry, government and philanthropy on economic development, digital placemaking, and strategic technology forecasting. His first book, *Smart Cities: Big Data, Civic Hackers and the Quest for A New Utopia* was published by W.W. Norton & Co. in 2013. In 2001, Anthony co-founded NYCwireless, a pioneer in the community and municipal wireless movement. Anthony holds a Ph.D. in urban and regional planning from Massachusetts Institute of Technology, a master's degree in urban planning from New York University, and a B.A. in urban studies with a minor in physics from Rutgers University. He lives in Jersey City, New Jersey.

**David Zipper** is a Resident Fellow at the German Marshall Fund, where he leads a new initiative on Trans-Atlantic urban mobility. He is also an innovation advisor to the Mayor of Akron, OH and the Greater Washington Partnership. David works with numerous smart cities startups and writes frequently for The Atlantic's CityLab.

In college David cofounded Empowered Painters, a business training unemployed residents of North Philadelphia to paint homes in affluent suburbs. Ever since, David has shaped strategies for cities to catalyze growth through innovation and new technologies. His perspective on urban development is rooted in his experience working within city hall as well as being a venture capitalist, policy researcher, and startup advocate.

From 2013 to 2017 David was the Managing Director for Smart Cities and Mobility at 1776, a global entrepreneurial hub with over 1,300 member startups. At 1776 David connected hundreds of entrepreneurs to urban leaders eager to deploy their solutions, and he closed millions of dollars in partnerships with cities and corporations worldwide. He continues to be a Partner in the 1776 Seed Fund.

David previously served as the Director of Business Development and Strategy under two mayors in Washington DC, where his responsibilities included attracting businesses to the city, promoting entrepreneurship, and overseeing economic development strategy. Under his leadership the District created the DC Tech Incentives program to help local startups scale. David also oversaw the creation of the city's 5-Year Economic Development Strategy, and he managed support to Washington's first startup incubators.

Before moving to Washington David served as Executive Director of NYC Business Solutions in New York City under Mayor Bloomberg. In this role he designed, implemented, and managed a \$6 million initiative called Training Funds that helped 75 businesses improve profitability while providing 3,000+ employees with average wage gains of 11%.

**Amy McIlvaine** has spent her entire career focused on improving the public sector experience. Throughout her career, Amy's efforts in the software industry have been focused on delivering transformative solutions to governments in the state and local space. Prior to AT&T, Amy was on the public sector sales teams at Current powered by GE, Dell Software Group, SciQuest, Salesforce.com, LRN, EMC and Oracle. Her range of experience includes delivering enterprise on-premise, managed services, cloud, SaaS, PaaS and now sensor enabled IoT solutions. Prior to working with these leading technology firms, Amy worked in management consulting at both Ernst & Young and Accenture helping state and local governments build high performing organizations. She started her career in the public sector working for the City of Philadelphia and the State of New York. Amy earned her BA at Boston College and MPA from New York University. In her spare time, Amy enjoys skiing, golfing, swimming and especially the Jersey Shore. Amy lives in Bucks County, PA.

**Leonid (Lenny) Kravets** is Director and Sr. Counsel of Corporate Development and Strategy at InterDigital, a publicly traded research and development company with a track record of over 30 years focused on wireless technologies and the Internet of Things. In his role, Lenny supports the company's mergers and acquisitions, market research and strategy activities. Lenny is also the organizer of the Philadelphia IoT Meetup, a community of nearly 2,000 local IoT enthusiasts. The group's mission is to educate and enable the local Internet of Things ecosystem.

**Ellen Hwang** is responsible for managing and leading the development and implementation of the City's first smart city strategy for the City of Philadelphia's SmartCityPHL initiative. She is driving the creation of the City's first smart city roadmap that will provide guidance on how the city will build its next generation and future technology infrastructure. This work includes the establishment of: a project prioritization model; investment strategies; a collaborative governance model; diverse cross-departmental and cross-sector relationships; flexible standards for interoperable technology adoption and data integration; and stronger community and university partnerships to spur research and innovation in service delivery, economic development, environmental stewardship, and digital inclusion. She supports the work of the innovation strategy portfolio which aims to increase internal capacity for innovation in municipal government. As a Temple University alum, she received her Bachelor of Arts degree in English and Master of Science degree in City and Regional Planning.