

# CORDELL SCHACHTER

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## PROFILE

IT executive, mentor, civic leader, and teacher innovating organizations to be Better, Faster, and Smarter by helping create new visions realized through technology. Focus areas include improving accessibility, equity, and diversity, business analysis, IT operations, software development, mapping, communications, on-site and cloud infrastructure, project management, public data, mobility, and customer support.

- **CTO/CIO** collaborates with executives for organization innovation
- **Leads COVID-19 response for remote work and economic development**
- **National and international speaker** about technology for safety and communications, accessibility, cyber security, connected and automated vehicles, and balancing data sharing with privacy
- **Adjunct Associate Professor, NYU** created masters-level course "Technology for Civic Innovation"
- **Member, Board of Directors**, Intelligent Transportation Society of America - ITS America, 2015-19
- **Member, Computer Science, Arts & Sciences Advisory Boards**, SUNY Buffalo and Hunter College
- **Founding Member, Open Mobility Foundation, Technology Council**
- **Chief Project Officer and Associate Commissioner**, led \$1B public safety program, 2006-2008
- **Group Manager** of corporate regional project management organization 2001-2005
- **President and Secretary, Community School Board 10**, serving 50,000 K-8 students, 1999-2003

## EXPERIENCE

NYC Department of Transportation (DOT), 2008-Present

### **CHIEF TECHNOLOGY OFFICER / CHIEF INFORMATION OFFICER (CTO/CIO)**

Lead the IT & Telecom organization and agency innovations introducing cutting-edge information technology matched to 21<sup>st</sup> century urban designs that result in safer and more livable streets for all New Yorkers. DOT's information technology and telecommunications services support 5,500 staff using a hybrid premise and cloud computing infrastructure. Lead technology strategy, operations, and procurement. Oversee a 150+ member organization including application development, geo-spatial technology, big data, public data, hosting, network, technical support, and an IT Project Management Organization (PMO)

- Rapidly launched COVID-19 support systems for safe outdoor operations of restaurants, schools, and retail; launched mobile health screening web form application for mandatory reporting
- Transformed agency office staff to full-time remote workers while improving cyber security
- Launched the largest US municipal wireless public safety communications network using the new US FirstNet infrastructure. System resiliently connects 14,000 Internet of Things (IoT) endpoints throughout NYC's street infrastructure for safety, traffic management, and data acquisition
- Innovating accessibility through the creation of a sidewalk pedestrian ramp inspection and management system. LiDAR used for virtual inspections of over 200,000 sidewalk pedestrian ramps. Big data analysis will help create a geographic model for equitable resource allocation
- Launched systems using .Net and Open Source technology to replace mainframe applications to improve staff productivity to accommodate doubling of workload to process over 500,000 yearly street utility excavation requests and 1.1 million regulatory street signs
- Green-lighted launch of New York City's bike share system, the largest in US. Crisis-managed licensee's corrective actions to launch as committed by mayor
- Advanced New York City and national transportation policy as member of Bboard of Directors for the Intelligent Transportation Society of America (ITS America). Negotiated with national stakeholders on ITS America's legislative policy. Presented at international, national, state, and local conferences
- Implemented in real-time emergency business continuity after Superstorm Sandy interrupted power and communications to lower Manhattan. Provided essential IT services without interruption
- Completed on-time, on-budget construction of and transition to a new \$30M data center and installation of 1,300 staff workstations over 5 months with no unplanned outages and only 8 hours total planned downtime

NYC Department of Information Technology and Telecommunications, 2006-2008

**ASSOCIATE COMMISSIONER for PROJECT MANAGEMENT & CHIEF PROJECT OFFICER**

Led \$1 billion public safety communications program while creating enterprise Project Management Office (PMO) and implementing project portfolio management system (PPM)

- Improved project management of \$1 billion troubled public safety communications program of 24 component programs instituting best practices to jump-start performance; instituted financial management, scheduling, and deliverable accountability systems; began regular financial performance reporting of \$4.5M/month in consultant billings

Avaya Global Services, 2005-2006

**GLOBAL PROGRAM MANAGER**

Leader of program and project managers and engineering staff on matrixed professional services teams. Program Manager of aggressive national schedule for largest order in company history: \$350 million program to complete 2,000 branch office VoIP upgrades from 10/05 to 9/06

Siemens Enterprise Networks, 2001-2005

**GROUP MANAGER**

Responsible for northeast region Project Management Office (PMO) delivering data and voice solutions. Managed project managers and technical staff in 8 northeastern states from New York City and Boston

IBM and AT&T, 1997-2001

**SENIOR PROJECT MANAGER**

Managed international implementation and change teams for Internet and data networking strategic outsourcing division of IBM, AT&T, and IBM's Advantis partnership with Sears. Lead project manager for creating and upgrading web hosting infrastructure for the 2000 Sydney Summer Olympics and NBC television network. Led team that created first equities and options trading web site for Smith Barney

NYC Department of Parks & Recreation 1985-1997

**ASSISTANT CHIEF OF TECHNICAL SERVICES, REGIONAL MANAGER, CENTRAL OPERATIONS COORDINATOR, SUPERVISOR OF EXPENSE BUDGET UNIT, BUDGET ANALYST**

Kwasha Lipton, Employee Benefits Consultants, Fort Lee, NJ, 1984-1985

**401K PLAN MAINTENANCE TEAM MEMBER**

<b>UNIVERSITY, PROFESSIONAL, EDUCATION, COMMUNITY AFFILIATIONS, and CERTIFICATIONS</b>
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**Adjunct Associate Professor and Lecturer, Graduate School Adjunct Faculty 2014-Present**

NYU Center for Urban Science + Progress 2016-Present, Saint Peter's University, Jersey City, NJ, 2014-17

**Founding Member, Technology Council, Open Mobility Foundation (OMF), 2019-Present**

**Member, Deans Advisory Council, SUNY Buffalo (UB) College of Arts and Sciences 2019-Present**

**Founding Member, President's Computer Science Advisory Board, Hunter College, CUNY, 2017-Present**

**Member, Board of Directors, Intelligent Transportation Society of America (ITSA), 2015-2019**

**President and Secretary, New York City Community School Board 10 1999-2003**

**IBM Certified Senior Project Manager, IBM Corporation, May 1999**

**Certified Project Management Professional (PMP), Project Management Institute, 1999-Present**

**MS, Management**, New York University, Robert F. Wagner Graduate School of Public Service, 1995

**BA, Economics**, State University of New York at Buffalo, 1983; President, undergraduate student govt.

## AWARDS & RECOGNITION

**2018 Top 25 Doers, Dreamers, and Drivers** by Government Technology magazine, recognition for leading public sector innovators

**2017 Transportation Advancement Award** from the Institute of Transportation Engineers Metropolitan Section of New York and New Jersey

**2012-2017 Nine Best of New York, Best of New York City** and natl. awards to staff development teams

**2015 Overall Winner of Igniting Innovation** by ACT-IAC American Council for Technology - Industry Advisory Council to staff development team

**2014 Amazon Web Services' City on a Cloud Innovation Challenge Award** – to organization for using best practices using cloud services to provide robust public access to IT services while improving security

**2013 Top 10 Government IT Innovator** – organization recognized by *InformationWeek* magazine

## APPEARANCES, MEDIA, PUBLICATIONS

**New York University Center for Urban Science + Progress) Keynote Speaker** July 2020, Brooklyn, NY

**City & State, Tech leader interview and profile**, Will New York City win the race to 5G? Sept. 2019, NYC

**New York State Wireless Forum Annual Meeting, Keynote Speaker on 5G**, June 2019, New York, NYC

**Columbia University Ctr. for Buildings, Infrastructure and Public Space Colloquium, Panelist**, May 2019

**South by Southwest (SXSW) Panelist**, USDOT@SXSW track: Cybersecurity in the Age of Automation March 2019 Austin, TX

**New York Times DealBook Conference, Panelist & Presenter** November 2018 New York, NY

- Invited member of 20-person national Ethical AI Task Force convened for the conference
- Selected to present-out findings to conference along with representatives from Harvard and Microsoft

**NYU Connected Vehicle Symposium, Speaker**, October 2018 Brooklyn, NY

- Cybersecurity, Data, and Privacy in Deployment Track: *Must We Sacrifice Privacy for Car Safety?*

**Intelligent Transportation Society World Congress, Presenter** September 2018, Copenhagen, Denmark

**Wilton Park Meeting, UK, Keynote and Group Leader: The future of cities**, 2016, 2018

**New York Institute of Technology (NYIT) Eighth Annual Cybersecurity Conference, Panelist**, Sept. 2017

**Natl. Institute of Standards and Technology (NIST) Global Cities Team Challenge, Speaker**, Aug. 2017

**University Transportation Research Ctr., Conf. Closing Speaker**, Smart City and Transportation, 2016

**The Hill, Published Op-Ed**, *Smart people need to take driving tests; smart cars should too!* February 2016

**AWS Summit New York 2015, Presenter**, Speed Kills, <https://youtu.be/o1sHctWJSBo> July 2015