

NTSB**MOST WANTED LIST
VIDEO SERIES****EPISODE 4****Obstacles to Deployment
—GM and Toyota
Perspective**Preserving the Future of
Connected-Vehicle TechnologyHosted by NTSB Board Member
Michael E. Graham

Biographies

**John Capp**
General Motors

Mr. Capp is the director of Global Vehicle Safety Technology, Strategy, and Regulations for General Motors (GM), where he is responsible for championing new safety technologies, product safety content, safety messaging, and safety regulatory strategies. During his 30-year career in safety, his work has ranged from crashworthiness and occupant protection in crashes to the electronic collision avoidance systems. He has served in executive positions in research and development, electrical engineering, and global vehicle safety.

Mr. Capp has played a key role in planning GM's advanced technology in the areas of active safety, driver assist, automated driving, and connected vehicle safety, which has resulted in the deployment of features such as the Cadillac Safety Assist package, the Safety Alert Seat, Vehicle-to-Vehicle safety communications, and Super Cruise highway automation. Recently, he championed a variety of safety technologies such as Teen Driver, Rear Seat Reminder, and the new Buckle-to-Drive feature to increase seat belt use.

Mr. Capp helps GM develop industry safety standards and pursue regulatory solutions for automated driving systems of the future. He holds a bachelor of engineering degree from Kettering University and a master of engineering degree from Purdue University.

**John Kenney**
Toyota

John Kenney, PhD, is director of networking research and a senior principal researcher at Toyota InfoTech Labs in Mountain View, California. His team develops vehicular communication and cybersecurity technologies for connected mobility. Their research focuses on V2X communication for safety and traffic efficiency, cooperative automated driving, cybersecurity attack/defense modeling, millimeter wave communication, and higher layer knowledge dissemination. His research focuses on channel congestion control, V2X performance, and spectrum sharing.

Dr. Kenney represents Toyota in international standards organizations and industry research consortia, including SAE, IEEE, ETSI, and the Car2Car Communications Consortium. Prior to his work with Toyota, he was a member of the Tellabs Research Center and an adjunct professor at the University of Notre Dame. He has graduate degrees from Stanford and Notre Dame.

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