

## CSMAC Appointments (2022-2023)

### Reappointments



**Michael A. Calabrese** has served as a member of NTIA's Commerce Spectrum Management Advisory Committee since 2009. Calabrese directs the Wireless Future Project at the New America Foundation, a nonprofit think tank based in Washington, D.C. As part of the Foundation's Open Technology Institute, he develops and advocates policies to improve our nation's management of the public airwaves and to promote pervasive connectivity, particularly through more ubiquitous and affordable high-speed wireless broadband access. He also served as an Invited Expert on the President's Council of Advisors on Science and Technology spectrum reform working group during 2011-2012. Calabrese has previously served as General Counsel of the Congressional Joint Economic Committee, director of domestic policy at the Center for National Policy, as a counsel at the national AFL-CIO, and as a Clerk to California Supreme Court Justice Allen E. Broussard. Calabrese is a graduate of Stanford Business and Law Schools, where he earned J.D. and MBA degrees, and Harvard College, where he earned a B.A. in Economics and Government.

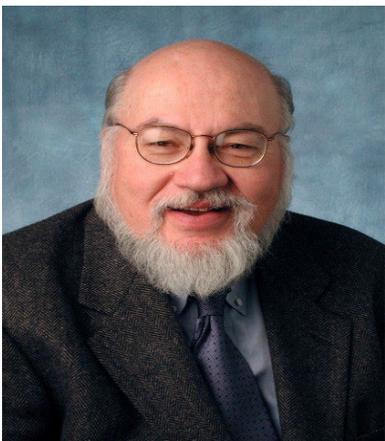


**Thomas S. Dombrowsky, Jr.** has served as a member of NTIA's Commerce Spectrum Management Advisory Committee since 2011. Dombrowsky is a Senior Engineering Advisor with the law firm of DLA Piper LLP, where he provides technical advice and guidance to clients concerning wireless spectrum matters. Dombrowsky specializes in spectrum policy matters, especially with respect to issues that affect commercial mobile service providers. Over the past few years, Dombrowsky has been involved heavily in the National Broadband Plan spectrum reallocation discussions, including the Mobile Satellite Service proceedings and the recent proceedings concerning the reallocation of additional TV broadcast spectrum for mobile broadband services. Previously, Dombrowsky held several positions within the Federal Communications Commission's Wireless Telecommunications and Private Radio Bureaus where he worked on commercial mobile spectrum policy and licensing matters. He earned a B.S. in Electrical Engineering from Lehigh University.



**H. Mark Gibson** has served as a member of NTIA's Commerce Spectrum Management Advisory Committee since 2011. With over 35 years of spectrum management experience, Mark is responsible for developing domestic and international business opportunities for CommScope. In addition to leading technical and business development efforts for numerous wireless and spectrum-related products and services, he has led efforts to address spectrum sharing between Federal government and commercial users. He leads CommScope's CBRS efforts on the Spectrum Access

System/Environmental Sensing Capability. He is a board member of the CBRS Alliance and an officer on the board of the Wireless Innovation Forum. He has led spectrum management efforts including the development of the SAS and ESC, TV White Space, spectrum sharing analysis protocols and sharing criteria, as well as development of Comsearch's engineering services and software products. He has led efforts in working with the American Hospital Association as their technical partner for WMTS frequency coordination. He has authored several papers on spectrum sharing and relocation and has advised numerous wireless participants in their system design. He is a Life Member of IEEE.



**Dale N. Hatfield** has served as a member of NTIA's Commerce Spectrum Management Advisory Committee since 2006. Hatfield is an Executive Fellow at the Silicon Flatirons Center for Law, Technology, and Entrepreneurship and an Adjunct Professor in the Telecommunications, Cybersecurity and Policy Program -- both at the University of Colorado at Boulder. Prior to joining the University of Colorado, Hatfield was the Chief of the Office of Engineering and Technology at the Federal Communications Commission (FCC) and, immediately before that, he was Chief Technologist at the agency. He retired from the FCC and government service in December 2000.

Before joining the FCC in December 1997, he was Chief Executive Officer of Hatfield Associates, Inc., a Boulder, Colorado-based multidisciplinary telecommunications consulting firm. Before founding the consulting firm in 1982, Hatfield was Acting Assistant Secretary of Commerce for Communications and Information and Acting Administrator at NTIA. Prior to joining NTIA, Hatfield was Chief of the Office of Plans and Policy at the FCC. He also serves on the FCC's Technological Advisory Council. Hatfield has over 50 years of experience in telecommunications policy and regulation, spectrum management and related areas. Hatfield holds a BS in electrical engineering from Case Institute of Technology, an MS in industrial management from Purdue University, and an honorary doctorate from the University of Colorado at Boulder.



**Carolyn A. Kahn** has served as a member of NTIA's Commerce Spectrum Management Advisory Committee since 2016. Kahn is Principal Economics & Business Analyst and Group Leader at The MITRE Corporation, where she provides expertise in spectrum economics, policy, and strategy across portfolios of projects. For nearly 20 years, Kahn has provided independent advice, analysis, and support to senior officials to address the most challenging and sensitive economic and business problems in the radio frequency spectrum domain. Kahn served on the organizing committee and helped facilitate the White House Office of Science and Technology

Policy (OSTP) Wireless Spectrum Research and Development (WSRD) Workshop on Federal-Commercial Spectrum Sharing: Models, Applications, and Impacts of Incentives for Sharing, and is a co-author of its report. She previously led the Business and Investment Analysis core competency area within MITRE's Center for Acquisition and Management Sciences and also served as Lead Economic Advisor to the International Consortium for Telemetry Spectrum. Kahn earned an MBA in Finance and Marketing from McGill University and a B.A. with High Honors in Economics and International Studies from Brandeis University.



**Jennifer Manner** became a member of NTIA's Commerce Spectrum Management Advisory Committee in 2019. Manner is Senior Vice President of Regulatory Affairs at EchoStar Corporation/Hughes Network Systems LLC, where she is responsible for the company's domestic and international regulatory and policy issues, including spectrum management and market access. Prior to this, Manner was Deputy Chief of the Office and Engineering and Technology and before that Deputy Chief of the FCC's Public Safety and Homeland Security Bureau, where she has had a focus on broadband and other related issues.

Manner previously worked as a Principal at ZComm Strategies LLC and she was Vice President of Regulatory Affairs at SkyTerra Communications, LLC, where she handled the company's domestic and international regulatory and policy issues. Before joining SkyTerra, Ms. Manner served as Senior Counsel to FCC Commissioner Kathleen Abernathy with responsibility for wireless, international and new technology issues. Ms. Manner joined the Commissioner's office after working at MCI Communications Corporation, later WorldCom, Inc., as Associate Counsel for Foreign Market Access and then as International Wireless Services and Director of International Alliances. Prior to this position, Ms. Manner was an associate in the Communications Group at Akin, Gump, Strauss, Hauer and Feld, L.P. Before joining Akin, Gump, Manner was an Attorney-Advisor at the FCC. Manner currently serves as an adjunct professor at Georgetown University Law Center. Manner received her B.A. from the State University of New York at Albany, from where she serves as Co-Chair of the Alumni Board of the Rockefeller College of Public Affairs and was awarded the Outstanding Alumni in Political Science Award. She received her J.D. cum laude from New York Law School and LL.M. with distinction from Georgetown University Law Center.



**Donna Bethea Murphy** has served as a member of the NTIA's Commerce Spectrum Management Advisory Committee since 2016. Bethea-Murphy is the Senior Vice President of Global Regulatory Policy and Development for Inmarsat. She leads the company's domestic and international regulatory policy activities. She has also been appointed to the Federal Communication Commission's Communications Security, Reliability and Interoperability Council and the National Telecommunications and Information Administration's Commerce Spectrum Management Advisory Committee. She also serves on the UN Broadband Commission for Sustainable Development, where she manages a Working Group on broadband technologies in space and the upper atmosphere. She is Vice Chair and a founding member of the ITU Smart Sustainable Development Board and Focal Point on the ITU/UNESCO Broadband Commission for Sustainable Development. She was previously Chair of the USITUA Board. Prior to joining Inmarsat, Bethea-Murphy was Vice President of Regulatory Affairs for Iridium, Senior Director of Spectrum Policy at the PanAmSat Corporation, Director of Technology and Regulatory Affairs for AirTouch Communications, and responsible for international and domestic spectrum policy at the FCC. She holds a BS in Electrical Engineering from Clemson University.



**Mark Racek** has served as a member of NTIA's Commerce Spectrum Management Advisory Committee since 2016. Racek is Senior Director of Spectrum Policy for Ericsson. Racek spent his early years at Ericsson standardizing a product family based on the Enhanced Digital Access Communication System architecture within the Telecommunications Industry Association engineering committees and International Telecommunication Union. This trunking-based EDACS communications system served industrial and business needs, but primarily served two-way radio communications for Public Safety. During this time, Racek also developed traffic simulations for operational analysis and system design. Racek has also been involved in the development of an expert system for dynamic reconfiguration of a fault tolerant communication network for NASA. In his current role, Racek is involved in the development of Ericsson's global spectrum strategies.



**Charla Rath** has served as a member of NTIA's Commerce Spectrum Management Advisory Committee since 2014. Rath is an independent consultant who until March 2019 was Vice President of Wireless Policy Development at Verizon, where she led a team engaged in the development of Verizon's public policy positions on longterm spectrum policy issues. Previously, as Executive Director of Spectrum and Public Policy at Verizon Wireless, Rath worked with the company's business development and network planning groups to address policy and regulatory issues related to the acquisition of spectrum. Prior to joining Verizon Wireless, Rath served as Vice President

– Strategic Affiliations, of NextWave Telecom, Inc. and Vice President of Freedom Technologies, Inc., a Washington, D.C.-based telecommunications consulting firm. She also served as advisor to Federal Communications Commission Chairman Alfred C. Sikes on common carrier and spectrum policy issues and as a primary specialist in spectrum and Internet policy at the National Telecommunications and Information Administration. Rath has a B.S.F.S. (Foreign Service) in International Economics and Finance from Georgetown University and a M.A. degree in Science, Technology, and Public Policy from The George Washington University.



**Dennis A. Roberson** has served as a member of NTIA's Commerce Spectrum Management Advisory Committee since 2011. Roberson is President/CEO of Roberson and Associates, a technology and technology management consulting company and Executive Chairman of entigenlogic. He is also a Research Professor at Illinois Institute of Technology where he was co-founder of IIT's Wireless Network and Communications Research Center and co-founder of the Intellectual Property Management and Markets program that he currently co-directs. His research focuses on dynamic spectrum access networks, spectrum observation, measurement and management, and wireless interference and mitigation. Previously he was Vice Provost for Research at Illinois Institute of Technology and before that Motorola's EVP/CTO. He

had an extensive corporate career including business/technology responsibilities at IBM, DEC (now part of HP), AT&T, and NCR. He has been involved with numerous technology, educational, and youth organizations including current board service on several technology-based companies. He serves as Chair of the FCC's Technological Advisory Council, and Chair of SonSet Solutions. Mr. Roberson has BSEE and BS Physics degrees from Washington State University and an MSEE from Stanford.



**Andrew Roy** has served as a member of NTIA's Commerce Spectrum Management Advisory Committee since 2016. Roy is the Director of Engineering Services at Aviation Spectrum Resources, Inc. (ASRI), advising US airlines and other commercial aviation users on spectrum engineering and regulatory considerations for aeronautical systems. Roy provides aviation spectrum expertise at the Federal Communications Commission, International Telecommunication Union, and International Civil Aviation Organization (ICAO), and is Executive Secretary for the US Aeronautical Frequency Committee. He is currently the Vice-Chairman of the ICAO Frequency Spectrum Management Panel, and regularly chairs aeronautical working groups at the ITU and aviation standards groups. Roy is actively involved with radar systems, GPS protection, aeronautical regulatory planning, aircraft radio altimeters, and VHF channel planning. As a veteran of the UK Royal Air Force, Roy served as an engineering officer specializing in communications and spectrum exploitation. Roy earned his Master's in Systems Engineering from Loughborough University, and is a Chartered Engineer at the UK Institute of Engineering and Technology.



**Steve Sharkey** has served as a member of NTIA's Commerce Spectrum Management Advisory Committee since 2014. Sharkey is Vice President, Government Affairs, Technology and Engineering Policy in T-Mobile's Government affairs office in Washington, D.C. He has overall responsibility for T-Mobile's technical policy agenda and manages a team of technical experts to achieve the company's policy goals. He is responsible for T-Mobile's technical policy agenda and manages a team of technical experts to achieve the company's policy goals. Prior to joining T-Mobile, Sharkey had technical representation positions at Motorola and AirTouch Communications. Prior to AirTouch, he served in a variety of roles at the Federal Communications Commission, including in the Office of Engineering and Technology, where one of his responsibilities was as an alternative liaison representative to the IRAC, and as Chief, Satellite Engineering Branch in the International Bureau. Sharkey has a Bachelor of Science in Electrical Engineering from the University of Delaware.



**Mariam Sorond** has served as a member of NTIA's Commerce Spectrum Management Advisory Committee since 2014. Sorond is the Chief Wireless Architect and Vice President of Technology Development for DISH Network, LLC. In this position, she is responsible for spectrum technology and strategy, end-to-end technology development, creating the next generation network architecture, and standards development. Sorond has more than 24 years of technical and strategy experience in the telecommunications industry. Prior to joining DISH, she worked for several operators, including ICO, Nextel, and PrimeCo and vendors such as Lucent Technologies (now Nokia). She has a broad range of experience and significant technical expertise working across most wireless technologies for both mobile and fixed terrestrial and satellite networks. Sorond's expertise covers both domestic and international technology and spectrum. Sorond holds B.S. and M.S. degrees in Electrical Engineering from the University of Houston.



**Bryan Tramont** has served as a member of NTIA's Commerce Spectrum Management Advisory Committee since 2006. Tramont is widely recognized as one of the nation's top media and communications lawyers. A relentless advocate, Tramont is sought after by clients ranging from Fortune 50 companies to innovative startups for his exceptional understanding of spectrum management, transactions and strategic advocacy before multiple regulatory agencies. His commitment to excellence brings both loyal clients and leading industry honors. Tramont's years as Chief of Staff at the Federal Communications Commission under Chairman Michael Powell, along with his earlier work at the agency and beyond, give him a profound understanding of the often complex legal, political and regulatory environments where his clients operate. His keen instincts for achieving results have been honed at the center of the industry. In addition to his role as Managing Partner, Tramont also leads the strategy and implementation of WBK's award-winning communications, media and technology team, and directs client management and development. Tramont lives by the pay it forward ethos, a philosophy he's helped to infuse throughout WBK. He gives generously of his time and talents to support the community. Whether as a speaker, educator or thought-leader, Tramont is always focused on helping others succeed and encouraging the next generation to thrive.



**Jennifer Warren** has served as a member of NTIA's Commerce Spectrum Management Advisory Committee since 2006. Warren serves as Vice President, Technology Policy, and Regulation, in the Lockheed Martin Washington Operations' Government and Regulatory Affairs. In this position, she is responsible for managing the development and implementation of corporate domestic and international regulatory, licensing and associated policy strategies, including in the areas of spectrum access/operations, commercial space, cyber security, and sustainability. Prior to joining Lockheed Martin in 1996, Warren served in various capacities at the Federal Communications Commission, including Senior Legal Advisor,

International Bureau and Assistant Chief, Wireless Telecommunications Bureau. Since 1995, she has served on the U.S. Delegations to the International Telecommunication Union's World Radio Conferences, and oversees Lockheed Martin's participation in the ITU and regional organizations. Prior to joining the FCC, Warren was at the Commission of the European Union in Brussels, and in Washington, D.C. Warren is a graduate of Georgetown University (B.S. in Languages) and Georgetown University Law Center (J.D.).



**Robert D. Weller** has served as a member of NTIA's Commerce Spectrum Management Advisory Committee since 2016. Weller is currently Vice President for Spectrum Policy at the National Association of Broadcasters. Prior to joining NAB he was Chief of Technical Analysis in the FCC's Office of Engineering and Technology. Weller has over thirty years of spectrum management and regulatory experience, divided equally between the public and private sectors. He has spent his career developing, enhancing and applying mathematical models relating to radio wave propagation, RF safety, frequency allotments, and pursuing technology-based initiatives to improve

spectrum efficiency and utilization. He has written extensively on signals analysis, interference mitigation, and various other regulatory matters. Weller earned B.S. and M.S. degrees in Electrical Engineering from the University of California at Berkeley and The George Washington University.

## New to the Committee



**Jennifer Alvarez** is currently the Chief Executive Officer (CEO) and Chairperson of the Board for Aurora Insight Inc. Ms. Alvarez co-founded Aurora Insight and started as the Chief Technical Officer (CTO) and Treasurer in 2017. She led the development of the foundational technologies for sensing the radio frequency environment from land, air and space, with a particular focus on emerging 5G technologies. She generated a strong Intellectual Property (IP) portfolio in the areas of radio frequency sensors, remote sensing, and next-generation processing algorithms for the radio frequency spectrum while being actively involved in business operations, fundraising, and financial matters for the company. Ms. Alvarez's technical background combined with her deep understanding of the business applications of wireless networks give her a unique viewpoint on the current state of spectrum usage and applications, and the areas that should be urgently addressed or improved upon for greater wireless innovation.



**Reza Afefi** leads Emerging Spectrum Strategies and Planning at Intel. In his role, he develops market-driven spectrum and regulatory strategies that support Intel's existing and future wireless products. Reza has been actively contributing to standards and various industry and international regulatory groups since 1998, often in leadership roles. These included chairing various activities in IEEE LMSC (802), chairing Regulatory Working Group of WiGig Alliance, ITU-R SG1, SG3, and SG5, leading to development of several ITU-R Reports and Recommendations latest of which is Recommendation ITU-R M.2101 on modeling of 4G/5G systems for use in sharing and compatibility studies. In addition, he has served as Intel Corporation's delegate to various ITU-R activities including several RA and CPM meetings as well as WRC-12, WRC-15 and WRC-19 and a member of the US FCC's WRC Advisory Committee-19. He currently

chairs the Joint Working Group (JWG) 3K-3M on Clutter Loss in ITU-R SG3.

Reza has been with Intel since 2005. Prior to Intel, he worked for several technology companies including Siemens AG, LCC, and Arraycomm in various roles involving research, design, and deployment of various wireless and wireline communication technologies including smart antennas and 1G/2G/3G network design and optimization.



**Hilary Cain** is Vice President of Technology, Innovation and Mobility Policy at Alliance for Automotive Innovation. She identifies, monitors, and evaluates technology policy issues with implications for the auto industry, including telecommunications and spectrum policy; Oversees policy development and positioning on technology policy matters; Initiates and implements strategies for advancing the auto industry's interests on technology-related regulatory matters; Advances industry's position to decision makers in both business and government. She establishes and maintains relationships with government, special interest groups, private sector organizations, and other external stakeholders on technology policy matters. She is a frequent speaker on technology and innovation policy.



**Paul Margie** is a Partner at Harris, Witshire and Grannis LLP. He represent clients on telecommunication and internet regulation, spectrum policy, transactions, equipment certification/compliance, accessibility regulation, and emergency response issues and he also represented the leading international disaster-

response communications NGO in the United States and before United Nations entities and serve on its volunteer emergency-response roster.



**Jennifer McCarthy** is Vice President, Legal Advocacy at Federated Wireless, Inc. She is senior executive in start-up wireless telecommunications and cloud-computing company. Responsible for company's regulatory policy and government affairs agenda. Leading company's activities on spectrum sharing and management issues, working with the FCC, NTIA, DoD and other government agencies to commercialize operations in the 3.5 GHz CBRS band and on opportunities to leverage dynamic shared spectrum technology to make more frequencies available for fixed and mobile broadband services. Also leading the company's relationships with international regulatory agencies on shared spectrum developments.



**Karl Nebbia** is a Senior Level Advisor for Allion Science and Technology. He provides senior level advice and consultation to commercial customers and provides understanding of federal spectrum management processes and to facilitate dialog with federal agencies regarding spectrum sharing and access to spectrum allocated to the Federal Government. He provides senior level advice and support to the Department of Defense Chief Information Officer and the Defense Spectrum Office regarding spectrum policy, and strategic planning. He led DoD efforts to develop and communicate concepts regarding bi-directional spectrum sharing, particularly federal access to commercial spectrum, and spectrum pipeline opportunities. He also led the National Telecommunications and Information Administration (NTIA) executive level inter-agency Policy and Plans Steering Group (PPSG), the Commerce Spectrum Management Advisory Committee (CSMAC), and the Interdepartment Radio Advisory Committee (IRAC).



**Louis Peraertz** is Vice President of Policy at Wireless Internet Service Providers Association (WISPA). He currently leads WISPA's development of commercial wireless spectrum policy arguments before federal agencies to help 800-plus fixed wireless service providers gain greater access to unlicensed, licenseby rule, and exclusive use licensed spectrum. He also leads WISPA's development of universal service policy arguments to help fixed wireless providers use federal subsidies to connect more Americans to broadband services. He drafts legislative language to promote the interests of the fixed wireless services industry, supervises the drafting of all policy filings before federal agencies, and supervises WISPA's participation in important industry standards setting bodies such as OnGoAlliance and WInnForum. While working for the Federal Communication Commission, he developed policies on complex and emerging telecommunications regulatory issues including promoting access to fixed and mobile wireless networks and wireless infrastructure deployment.



**Danielle Piñeres** is Vice President of Regulatory Affairs and Compliance at Planet Labs PBC where she advises on compliance issues as well as policy and licensing matters before the FCC and other government agencies, including with respect to spectrum use. Before joining Planet, Ms. Piñeres was Vice President and Associate General Counsel at NCTA – The Internet & Television Association where she represented the interests of the cable industry on wireless spectrum policy, supply chain, and cybersecurity matters, and where she developed particular expertise in unlicensed and shared spectrum issues. Ms. Piñeres was previously an Associate at Harris, Wiltshire & Grannis LLP where she represented clients in FCC rulemakings, compliance and licensing matters before the FCC and OFAC, and foreign investment reviews. Ms. Piñeres is a graduate of the Georgetown University Law Center and the University of Idaho.



**Glenn Reynolds** is Vice President for Technology Policy and Government Relations, Alliance for Telecommunications Solutions (ATIS). His role as senior leadership focuses on developing and advocating ATIS' technology and policy positions with government agencies, regulatory and legislative bodies, and industry groups. Responsible for leading efforts to progress the ambitious goals of ATIS' Next G Alliance with key government agencies and Congress and advancing ATIS' member-driven technology policy goals in both North America and globally. He has over twenty years of experience in Communications and Technology Law and Policy. His senior policymaking positions within industry, Federal Communications Commission and Executive Branch enable a unique whole-of-government approach to driving business policy objectives. Also his holistic and strategic understanding of regulatory and legislative policymaking processes, and management skills to achieve organizational goals.



**Jesse Russell** is Chairman and CEO of incNetworks which is a *technology innovation company focusing on 3gpp standards-based hybrid fiber-wireless network architectures, advanced communications system solutions for enterprise broadband wireless communications networks, fiber optics transport networks, IP Packet Networking Design and advanced communications cloud service platforms and concepts as well as on providing an overall technology direction and long-term R&D technology roadmap development.* Prior to that he was responsible for establishing and leading an AT&T-wide Innovation Center focused on applied research in advanced communication technologies enabling AT&T to extend its existing portfolio of services and expand into new businesses and markets. He was the key decision-maker in the selection and development of emerging communications technologies leading to their rapid realization in support of the new AT&T global end-to-end broadband communication network (i.e., Specialization: Cable Access Networks, DSL Access Networks, and Wireless Communications Networks).



**Rikin Thakker** Dr. Rikin Thakker is the Chief Technology Officer (CTO) for the Wireless Infrastructure Association (WIA). He leads the activities related to emerging technologies and advises WIA members on 5G strategies including densification, spectrum allocation, and broadband deployment. He analyzes impacts of current and future use-cases of 5G and provides recommendations on broadband infrastructure deployment strategies. Prior to joining WIA, Dr. Thakker served as the VP of Telecommunications and Spectrum Policy at the Multicultural Media, Telecom and Internet Council (MMTC). He represented MMTC at the Broadband Deployment Advisory Committee (BDAC) at the Federal Communications Commission (FCC) from 2017 to 2020. Dr. Thakker was appointed as the Co-chair of the “Broadband Infrastructure Deployment Job Skills and Training Opportunity” working group of the BDAC. He helped the working group create recommendations on how the industry and government could implement effective steps to address the growing demand of skilled workforce for 5G and Broadband deployment. Dr. Thakker possesses nearly 20 years of experience in the field of cellular and wireless communications. He has helped design, deploy, and maintain cell sites, from 2G to 5G, for major cellular operators in the United States.



**Patrick Welsh** is Vice President, Federal Regulatory and Legal Affairs at Verizon Communication Inc. He is responsible for the development of Verizon’s public policy positions on spectrum and technology. For more than 20 years, he worked in the wireless industry, focusing on a variety of technical issues related to spectrum and technology policy. During much of that time, he has been actively engaged in supporting CSMAC work. He served as a lead counsel supporting both Neville Ray (T-Mobile) and Molly Feldman (Verizon) during their tenure on CSMAC and as a sub-committee co-chair of a CSMAC AWS-3 Working Group. In addition, he has

worked on a number of spectrum proceedings, including AWS-1, 700 MHz, AWS-3, 600 MHz, UMFUS, CBRS, C-band, 3.45 GHz, 5 GHz, and 6 GHz. Most recently, he worked closely with Verizon's network planning team on a variety of spectrum sharing project in the 3 GHz band.



**David Wright** is President of The OnGo Alliance formerly CBRS Alliance. He played an instrumental role in formulating, launching, and leading a 200-member industry organization focused on optimizing and promoting 3GPP technologies operating in shared spectrum bands globally (with the initial focus on the 3.5 GHz CBRS band in the U.S.). Prior to that he was Head of Spectrum Policy and Standards at CommScope where he led CommScope's global spectrum policy and standards initiatives, ensuring the intersection of CommScope's technology and product innovations with suitable regulatory environments and technical specifications.