

SPEAKER BIOS

Danielle Aguirre

Executive Vice President & General Counsel, National Music Publishers' Association (@DMAguirre11 | @NMPAorg)

Danielle Malito Aguirre currently serves as Executive Vice President and General Counsel. She began serving as General Counsel and Senior Vice President, Business Affairs in 2015. During the four years prior to this position, she served as Senior Vice President for Litigation and Business Affairs. Danielle currently oversees all of NMPA's legal, business and policy objectives.

Previously, as NMPA's Senior Vice President, Aguirre managed all litigation and Copyright Royalty Board proceedings, handled business affairs, including the negotiation of model industry license agreements, and oversaw NMPA's Anti-Piracy Program.

Prior to joining NMPA, Mrs. Aguirre was an attorney at Paul, Weiss, Rifkind, Wharton and Garrison LLP in Washington, DC, where for nine years she litigated cases on behalf of corporate clients in federal and state courts, before arbitration panels and mediators, and in proceedings before federal agencies. She received her JD from the University of Pennsylvania Law School and her BA from Georgetown University, and is a member of both the New York and District of Columbia bars.

Prof. Sandra Aistars

Antonin Scalia Law School, George Mason University, Director of Copyright Research and Policy & Senior Scholar, Center for the Protection of Intellectual Property (@cpipgmu)

Sandra Aistars is Director of Copyright Research and Policy and a Senior Scholar at CPIP. She also leads the law school's Arts & Entertainment Advocacy Program. Professor Aistars has over twenty years of advocacy experience on behalf of copyright and other intellectual property owners. She has served on trade missions and been an industry advisor to the Department of Commerce on intellectual property implications for international trade negotiations; worked on legislative and regulatory matters worldwide; frequently testified before Congress and federal agencies regarding intellectual property matters; chaired cross-industry coalitions and technology standards efforts; and is regularly tapped by government agencies to lecture in U.S. government-sponsored study tours for visiting legislators, judges, prosecutors, and regulators.

Immediately prior to joining Scalia Law, Professor Aistars was the Chief Executive Officer of the Copyright Alliance – a nonprofit, public interest organization that represents the interests of artists and creators across the creative spectrum. While at Scalia Law, she continues to collaborate with the

Copyright Alliance as a member of its Academic Advisory Board. Professor Aistars currently serves on the boards of the Washington Area Lawyers for the Arts (WALA) and the Institute for Intellectual Property and Social Justice (IIPJSJ), and she is a trustee of the Copyright Society of the USA (CSUSA). Professor Aistars has also previously served as Vice President and Associate General Counsel at Time Warner Inc. She began her legal career in private practice at Weil, Gotshal and Manges LLP.

Sean Fitzgerald

Photographer (@seanphoto)

Sean is a Texas-based nature, conservation and travel photographer. He creates images that are simple, graphic, evocative, surreal and that in some way evoke a reaction, provoke an emotion, or tell a story. While his photographic subjects are widely varied, he is repeatedly drawn to nature and wildlife and the impact of man on both.

Sean's work has been published in a wide variety of publications, including New York Times, Outdoor Photographer, Nature Conservancy, Audubon, Photo District News, Backpacker, Bicycling, Texas Highways, Texas Parks and Wildlife, and many more. His fine-art prints are found in private and corporate art collections and large-scale installations across the country, including hospitals, banks, museums and convention centers. He also leads photo workshops for Ted Turner Reserves. Sean is a member of the American Society of Media Photographers and past president of the North American Nature Photography Association. Working with photography associations, he is helping lead efforts to modernize the US copyright system. You can see more of his images at www.seanfitzgerald.com.

Hon. Ryan T. Holte

United States Court of Federal Claims, *Jurist-in-Residence Professor of Law*, University of Akron School of Law (@uscourts)

Judge Ryan T. Holte was confirmed by the United States Senate in June 2019 and sworn in as a judge on the United States Court of Federal Claims in July 2019. Prior to confirmation he served as the David L. Brennan Professor of Law and Director of the Center for Intellectual Property Law and Technology at The University of Akron School of Law (2017-2019) and an assistant professor of law at Southern Illinois University School of Law (2013-2017). He was the recipient of multiple research fellowships on patent law topics, including awards from the George Mason University School of Law and Case Western Reserve University School of Law. As an academic, Judge Holte taught a wide variety of courses, including all intellectual property subjects and property law. Judge Holte has written and presented widely on patent law subjects and empirical legal studies of Federal Circuit and district court patent law cases. His most recent articles were published in the Iowa Law Review (2019), George Mason Law Review (2018), and Washington Law Review (2017).

In practice, Judge Holte served for six years as general counsel and partner of an electrical engineering technology company and is co-inventor of two patents related to Systems and Methods for Countering Satellite-Navigated Munitions (originally held under U.S. Army Secrecy Order until June 2016). Prior to entering academia, Judge Holte practiced as a litigation attorney at the Federal Trade Commission, an associate in the Intellectual Property Practice Group at Jones Day, and a patent prosecutor at Finnegan.

Prior to practice, he served as a law clerk to Judge Stanley F. Birch, Jr. on the United States Court of Appeals for the Eleventh Circuit and as a law clerk to Judge Loren A. Smith on the United States Court of Federal Claims.

While in practice, Judge Holte represented numerous pro bono clients on IP matters and served as lead court-appointed habeas corpus counsel in the United States Court of Appeals for the Sixth Circuit. Judge Holte also served in intellectual property bar leadership positions on the Atlanta IP Inn of Court (Executive Committee), and the State Bar of Georgia (IP Section Trademark Committee Chair). Before law practice, Judge Holte owned a car dealership in the San Francisco Bay Area specializing in biodiesel vehicles and worked as an engineer for Agilent Technologies/Hewlett Packard in Sonoma County, California.

Judge Holte received his JD from the University of California Davis School of Law where he served as a staff editor of the UC Davis Business Law Journal. He received his BS, magna cum laude, in engineering from the California Maritime Academy where he was a First Class graduate of the Corps of Cadets Third Engineering Division and sailed as a U.S. Merchant Marine oiler. Judge Holte is the recipient of the 2018 California Maritime Academy Distinguished Alumnus award.

Judge Holte is married and the proud father of two young children. He has been active for many years in various church and community organizations and his outside interests include classic car and truck restoration, motorcycle riding, and chasing after his kids.

Benjamin Kwitek, PhD

President & Chief Executive Officer, InterForm

Benjamin Kwitek is an entrepreneur, inventor and angel investor from Colorado. He is the Founder and CEO of InterForm Incorporated. He also helps lead Gellyfish Technology and Roundabout Signs. His patents have been licensed by leading global companies including: Acer, Dell, Fujitsu, Lenovo, Pentel, Pilot and Sony.

Benjamin is the Director of Innovation at the University of Colorado – Colorado Springs, where he also teaches Entrepreneurship in their Bachelor of Innovation Program. In addition, he serves on the Advisory Board of IP2 (Intellectual Property, Innovation, and Prosperity) at Stanford University in Palo Alto. In the past year, Benjamin has lectured on entrepreneurship and mentored startup companies in Egypt, Bahrain and The Netherlands for the Global Innovation through Science and Technology (GIST) Initiative with the US State Department.

Benjamin holds degrees and honors from Colorado State University and the University of Colorado. In 2005, he completed his Ph.D. at Colorado State University where his research, entitled *Driving Economic Development*, looked at partnerships between colleges and high-tech businesses. He has further studied innovation and intellectual property at Harvard Business School.

Benjamin has appeared in *BMW Magazine, Digital Trends, Entrepreneur, Forbes, Rhapsody, Robb Report* and newspapers across America. He enjoys performance car driving, mountain hiking and tennis. He frequently travels throughout Europe and Asia looking for new investment opportunities.

Kevin Madigan

Deputy Director, Center for the Protection of Intellectual Property (@KevinRMadigan | @cpipgmu)

Kevin Madigan joined CPIP in January of 2016. As Deputy Director, Kevin works closely with CPIP scholars in their research and promotion of comprehensive intellectual property law and policy. Before joining CPIP, Kevin worked as an intellectual property Research Associate at Finnegan Henderson Farabow Garrett & Dunner and also interned at the Recording Industry Association of America.

Kevin earned his J.D. from the University of Baltimore School of Law and an LL.M. with concentrations in trademark and copyright law from George Washington University Law School. Kevin holds a B.A. in history from Boston College and writes about current IP issues in his blog Mistercopyright.org.

Josh Malone

Inventor, Bunch O Balloons, Volunteer, US Inventor (@joshballoonguy | @BunchOBalloons)

Josh Malone quit his corporate job in 2006 to take his shot at the Inventor's Dream. Eight years later, savings depleted and kids college unfunded, he took one last swing before trudging back to the corporate world. And hit a homerun with Bunch O Balloons. His solution to the 63 year old problem of filling and sealing water balloons instantly became the number one selling summer toy. His invention was stolen by a notorious infringer who convinced the USPTO to revoke his patent under a controversial procedure of the 2011 America Invents Act. A brutal and costly legal battle combined with an anti-corruption crusade ultimately resulted in a \$31M award and restoration of his patent rights. He is now a full time volunteer with the inventor advocacy organization US Inventor.

Karen L. Marangi

Director, Federal Government Affairs, RELX (@RELXHQ)

Karen Marangi serves as Director of Federal Government Affairs for RELX and is based in Washington, DC. She oversees RELX's US copyright policy work and advocates for strong IP protections in US trade agreements.

Prior to joining RELX, Ms. Marangi worked on and off Capitol Hill for over 20 years. Most recently, she was a consultant to a mid-size public affairs firm and represented a range of clients before Congress and the White House. Previously, she worked for Patton Boggs, a leading law firm in Washington, DC, on their public policy team. She previously advised two US Senators on a range of matters, including technology, immigration and civil and criminal justices issues. Ms. Marangi is a graduate of Stanford University and Stanford Law School and began her legal career in San Francisco as an associate at Orrick, Herrington and Sutcliffe.

Michael E. McCabe, Jr.

Principal & Founder, McCabe Law LLC (@IPethicslaw)

Michael E. McCabe, Jr. is the founding partner of McCabe Law LLC, where his practice focuses on intellectual property law. Michael has practiced in IP law for over 25 years. Michael's practice focuses on the representation of patent and trademark attorneys, as well as in-house counsel and IP law firms, in ethics matters, professional discipline, risk management, and bar licensing proceedings before the USPTO's Office of Enrollment and Discipline as well as before the state and federal courts in D.C., Maryland and Virginia. Michael is a frequent lecturer at IP law conferences and is published nationally. He is a faculty member for the Virginia State Bar Professionalism Course. He has served as an adjunct law professor at Scalia Law School, George Mason University, and a guest lecturer on patent law at The Johns Hopkins University. Michael is a graduate of the University of Maryland College Park, where he earned his B.S. in Mechanical Engineering, and he graduated magna cum laude from the University of Baltimore School of Law. Prior to entering the legal profession, Michael worked as an aerospace engineer for NASA's Goddard Space Flight Center in Greenbelt, Maryland.

Prof. Robert P. Merges

Wilson Sonsini Goodrich & Rosati Professor of Law, University of California, Berkeley, School of Law (@BerkeleyLaw)

Professor Merges is Wilson Sonsini Goodrich & Rosati Professor of Law and Technology at U.C. Berkeley (Boalt Hall) School of Law, and a Founder and co-Director of the Berkeley Center for Law and Technology, rated the number one Intellectual Property program among U.S. law schools for seventeen of the past eighteen years, including 2018, according to US News and World Report. He has also been a Visiting Professor at Harvard and Stanford Law Schools.

He currently serves as Faculty Director for Advanced Degree Programs and Global Outreach at Berkeley Law.

He has authored or coauthored eight books, including *Justifying Intellectual Property* (Harvard, 2011), and most recently, *Transnational Intellectual Property*, published in April of 2018. He has also edited six other books. He is the original author of the most influential and widely adopted patent law casebook in the U.S., *Patent Law and Policy* (7th ed. 2017). He is also a co-author of the leading casebook on intellectual property, which is also used in many major law schools.

Professor Merges has written numerous articles on the economics and philosophy of intellectual property. Several of his articles have been cited in opinions of the U.S. Supreme Court.

He has taught and lectured overseas in Germany, England, France, Italy, China, Taiwan, Korea, and Japan. His book *Justifying Intellectual Property* has been translated into Japanese and Chinese.

He has testified numerous times as an expert on IP issues before the US Senate and House of Representatives. He has also consulted with leading law firms and companies including Microsoft, Apple, SAP Software, Eli Lilly, and Honeywell, Inc. In 2008 he co-founded and became a Managing Director of the IP business and investment firm Ovidian, Inc., in Berkeley, California, which was acquired in a successful buyout in 2010.

Professor Merges received his B.S. degree from Carnegie-Mellon University, a J.D. from Yale Law School, and LL.M. and JSD degrees from Columbia Law School.

Kerry Muzzey

Composer (@kerrymuzzey)

Kerry Muzzey is a film and modern classical composer whose music can be heard on both the big and small screens. His most recent album, “Trailer Music 4: NEO” debuted in June at #6 on the iTunes Classical Chart.

Kerry’s most recent work was for the stage in the form of the full-length orchestral score for the original ballet “Casanova” by Kenneth Tindall and Northern Ballet, which wrapped up a UK-wide tour in 2017 with a sold-out week of performances at London’s Sadler’s Wells Theatre. His past scores include “Hole in the Paper Sky,” the first film from Jessica Biel’s production company Iron Ocean Films and “To Russia With Love,” and the Sundance Films documentary executive-produced by Oscar nominee Howard Gertler of “How to Survive a Plague.” But this mostly-orchestral composer is probably best known for a quiet little piano piece called “Looking Back” that found its way into the hit TV series “GLEE” as a recurring love theme for the show’s two most beloved couples, Rachel & Finn and Will & Emma. Kerry’s music also found its way to #1 on the iTunes and Amazon charts after his pieces “Architect of the Mind” and “Bernini’s Angels” were choreographed and performed on the show “So You Think You Can Dance.”

In 2014, Kerry recorded a collection of works for string orchestra called “The Architect.” The album was recorded in the legendary Lyndhurst Hall at London’s AIR Studios by the Chamber Orchestra of London, and spent three months featured on the front page of the iTunes Classical Store after spending its first two weeks of release at No. 5 on the Billboard Classical Chart and the Billboard Contemporary Classical Chart.

Kerry’s most recent score was for the documentary “Look & See: A Portrait of Wendell Berry,” by filmmaker Laura Dunn, executive-produced by Robert Redford and Terrence Malick and produced by Nick Offerman, which premiered at South by Southwest in 2016 and then did a featured run at the 2017 Sundance Film Festival as part of the festival’s new Spotlight series. Kerry also writes post-rock under the pseudonym “The Candlepark Stars.”

www.kerrymuzzey.com | [@kerrymuzzey](https://twitter.com/kerrymuzzey)

Prof. Sean O’Connor

Antonin Scalia Law School, George Mason University

Executive Director & Senior Scholar, Center for the Protection of Intellectual Property

(@ProfSeanOConnor | @cpipgmu)

Sean O’Connor joined CPIP as a Senior Scholar in 2014 and as Executive Director in 2019. He is Professor of Law at Antonin Scalia Law School, George Mason University. Prior to joining Scalia Law, Professor O’Connor was Boeing International Professor of Law at the University of Washington School

of Law in Seattle. His research focuses on intellectual property and business law with regard to start-ups and commercializing technology and arts innovation. His teaching and law practice specialize in transactions and the strategic role of the general counsel. Professor O'Connor received his law degree from Stanford Law School, a master's degree in philosophy from Arizona State University, and a bachelor's degree in history from University of Massachusetts. He is currently working on *Method+ology and the Means of Innovation* to be published by Oxford University Press. His scholarly articles can be downloaded [here](#).

Prof. Kristen Osenga

Austin E. Owen Research Scholar, University of Richmond School of Law

Senior Scholar, Center for the Protection of Intellectual Property (@ProfKOsenga | @URLawSchool)

Kristen Jakobsen Osenga is Austin E. Owen Research Scholar and Professor of Law at The University of Richmond School of Law. Professor Osenga teaches and writes in the areas of intellectual property, patent law, law and language, and legislation and regulation. Her scholarship focuses on patent-eligible subject matter, standard development organizations (SDOs) and intellectual property rights related to technology standards, the intersection between law and linguistics in patent claim construction, and many other aspects of patent law and intellectual property more generally. Professor Osenga is a frequent speaker at symposiums on patent law and intellectual property and has made numerous presentations to academics and practitioners on these topics. Prior to joining academia, she practiced patent law at Finnegan Henderson and clerked for Judge Richard Linn of the Court of Appeals for the Federal Circuit. She is also a Senior Scholar at the Center for the Protection of Intellectual Property.

Maria A. Pallante

President and CEO, Association of American Publishers

Maria A. Pallante is the Chief Executive Officer of the Association of American Publishers and a respected authority in the field of copyright law. Since January 2017, she has led AAP's strategic agenda and public policy portfolio on behalf of large and small publishers in the United States, working with her talented team on Capitol Hill, before regulatory bodies, in the courts, and in domestic and international coalitions to advance the interests and articulate the importance of the global publishing industry.

From 2011 to 2016, Maria served as United States Register of Copyrights, working closely with Congress and Executive Branch officers to resolve questions of policy and legal interpretation. Under her leadership, the Copyright Office formally engaged the public on legal and administrative questions, alike, including proposals to modernize the Office and its statutory responsibilities to better serve the digital marketplace.

As Register, Maria delivered major policy studies to Congress, including *The Making Available Right in the United States*; *Copyright and the Music Marketplace*; and *Copyright Small Claims*. She produced a complete overhaul of the *Compendium of U.S. Copyright Office Practices*, making it widely available online to courts, practitioners, and the general public, as well as agency staff. Among other initiatives, she established the Barbara A. Ringer Honors Fellowship and Abraham L. Kaminstein Scholar in Residence.

In 2017, Maria received the Champion of Intellectual Property Award from the District of Columbia Bar. She has delivered numerous lectures, including the 2013 Horace S. Manges Lecture at Columbia (The Next Great Copyright Act); the 2012 and 2013 David Nelson Lectures at Berkeley (Orphan Works and Mass Digitization; and The Curious Case of Copyright Formalities); the 2013 Christopher Meyer Memorial Lecture at George Washington University (The Next Generation Copyright Office: What it Means and Why it Matters); the 2016 Roger L. Shidler Lecture at Washington University (From Monkey Selfies to Open Source); and the 2017 Robert W. Kastenmeier Lecture at the University of Wisconsin (I am the Captain Now: Resisting Piracy and Contortion in the Copyright Marketplace). She is a Copyright Society Trustee.

A native of southern New Jersey, Maria has spent her professional life in Washington, DC and New York City. Earlier in her career, in addition to private practice, she was assistant director of the Authors Guild; associate counsel and head of branding for the Guggenheim Museums; and Deputy General Counsel of the Copyright Office, as well as Associate Register for Policy and International Affairs. She is a graduate of The George Washington University Law School.

Prof. Eric Priest

University of Oregon School of Law

Senior Scholar, Center for the Protection of Intellectual Property (@Prof_EricP | @Oregon_Law)

Eric Priest is an Associate Professor at the University Of Oregon School Of Law, where his research focus is copyright law and theory. He is a Senior Scholar at the Center for the Protection of Intellectual Property and also serves on the U.S.-China IP Cooperation Dialogue, organized by the U.S. Chamber of Commerce and Renmin University in China. Eric's scholarship includes "Redeeming Globalization through Unfair Competition Law (with Sean Pager, forthcoming in the *Cardozo Law Review*); "Copyright and Free Expression in China's Film Industry" (*Fordham Intellectual Property, Media, and Entertainment Law Journal*); "Acupressure: The Emerging Role of Market Ordering in Global Copyright Enforcement" (*SMU Law Review*); and "Copyright Extremophiles: Do Creative Industries Thrive or Just Survive in China's High-Piracy Environment?" (*Harvard Journal of Law and Technology*).

Robert Green Sterne

Founding Director, Sterne, Kessler, Goldstein & Fox P.L.L.C. (@SterneKessler)

Robert Greene Sterne is a founding director of Sterne, Kessler, Goldstein & Fox P.L.L.C., a premier intellectual property law firm based in Washington, D.C.

Robert has extensive expertise in AIA post issuance proceedings and concurrent patent litigation, USITC 337 investigations, Federal Circuit appeals, EU and UK enforcement, reexamination and reissue, patent monetization and licensing, and corporate intellectual property best practices (CIPO and Board of Directors). He is a registered U.S. patent attorney, has spoken and written extensively on these topics throughout the past 39 years, was named in 2014 by *The National Law Journal* as one of the 40 Intellectual Property Trailblazers and Pioneers, and was named in 2015 by the *Financial Times* as one of the "Top Ten Legal Innovators in North America 2015." In January 2016 Robert was named by *Law360* as one of The Top 25 Icons of IP. He is editor of *Patent Office Litigation* 2nd Edition (Thomson Reuters

2017), and first author of Chapter 35 (PTAB) *Patent Litigation Strategies Handbook* 4th Edition (ABA Bloomberg BNA 2016).

Robert holds a BSEE and a MS and specializes in electronics, computers, software, communications, semiconductors, wireless, medical devices, nanotechnology, and business methods technologies. He is counsel in more than 157 contested proceedings and 90 reexaminations at the USPTO and has played a key role in precedent-setting U.S. case law, including: *In re Beauregard*, (Fed. Cir. 1995), *KSR* (SCT. 2007), *i4i* (SCT. 2011), *In re Jung* (Fed. Cir. 2011), *ETG* (Fed Cir. 2012), and *Hear Wear* (Fed. Cir. 2014).

Robert is highly rated in peer-review rankings, including a consistent "Band 1" patent prosecution designation by *Chambers & Partners*. Among many honors, he is the recipient of the Sedona Conference Award for Excellence in Advanced Legal Education (2004), the Sedona Lifetime Achievement Award (2012), and the 2012 Attorney of the Year "Good Scout" Award for his leadership in community service.

Robert earned a J.D. at the University of Maryland, an M.S. in engineering at Tufts University, and a B.S. in electrical engineering at Tufts University.

George York

Senior Vice President, International Policy, Recording Industry Association of America (@RIAA)

George York is a Senior Vice President for International Policy at the Recording Industry Association of America (RIAA). George is responsible for trade, including digital trade, international intellectual property rights policy, and other international policy engagement in bilateral, plurilateral and multilateral settings. Prior to joining RIAA, George was the Deputy Assistant United States Trade Representative in USTR's Office of Intellectual Property and Innovation, and covered Europe as well as the World Trade Organization (WTO), the United Nations Framework Convention on Climate Change (UNFCCC), and other multilateral negotiations. George was the lead intellectual property negotiator in the Transatlantic Trade and Investment Partnership (T-TIP) negotiations with the European Union and was the U.S. head of delegation to the WTO Council for Trade-Related Intellectual Property Rights. George also served as a Trade Council for the United States House of Representatives Committee on Ways and Means, where he was responsible for intellectual property, climate change and the Trans-Pacific Partnership (TPP) negotiations among other issues. Before working for the Committee on Ways and Means, George was an Associate General Counsel with USTR, serving in both Geneva and Washington, D.C. While in USTR's General Counsel's Office, George was the lead U.S. attorney on the WTO *China – Market Access* dispute concerning market access for U.S. copyright-intensive goods in China, and covered intellectual property and climate change issues. After graduating from Brown University (BA), the London School of Economics (MSc), and Columbia Law School (JD), he was an associate in the International Trade Group of the law firm of Mayer Brown, LLP. George is married to Julia York and they have two sons, Oliver and Henry.

Paul Zielinski

Director, Technology Partnerships Office, National Institute of Standards and Technology (@NIST)

Paul Zielinski is the Director of the Technology Partnerships Office (TPO) at the National Institute of Standards and Technology (NIST). TPO serves as the Office of Technology and Research Applications for NIST and is responsible for NIST technology transfer activities including patents, licenses, cooperative research, and small business innovation research.

Paul currently serves as a co-chair of the National Science and Technology Council Lab to Market Subcommittee. He has also coordinated the Interagency Workgroup on Technology Transfer (IAWGTT) for more than eleven years. The IAWGTT addresses technology transfer policy issues across the federal government including over \$150 billion of research across 11 federal agencies. Paul is a former Chair of the Federal Laboratory Consortium for Technology Transfer (FLC). In this role he was he was the Chief Executive of the FLC and its mission to serve technology transfer professionals across over 300 federal laboratories.

Prior to joining NIST, Paul worked at the Environmental Protection Agency (EPA) in multiple roles. He was the Staff Chief for Cross Agency Programs, including Technology Transfer, the Regional Science Program, the Tribal Science Program, Environmental Justice research, and the Science and Technology Technical Liaison Program. Paul also served as the Staff Chief for Planning for the EPA Office of Research and Development where he was instrumental in implementing a multi-year planning approach for EPA research programs.

At the Department of Energy, Paul worked in the Office of Nuclear Energy, Global Nuclear Energy Program, and in the Office of Environmental Management as a senior program engineer and scientist. Paul served on active duty as a commissioned officer in the United States Army including duty in Korea, Panama, Germany, and in the United States.

Paul has a Master of Science degree in Engineering and Master of Business Administration degree.