

# Panelist Bios

Harvard-Tsinghua US-China Technology and Business Event – June 1, 2019



**Dr. Ray Baughman, Robert A. Welch Distinguished Chair in Chemistry and Director of the Alan G. MacDiarmid NanoTech Institute, University of Texas at Dallas**

Ray Baughman became the Robert A. Welch Professor of Chemistry and Director of the NanoTech Institute at the University of Texas in Dallas in August 2001, after 31 years in industry. He is a member of the National Academy of Engineering, the Academy of Medicine, Engineering and Science of Texas, the Academia Europaea, and the European Academy of Sciences and Arts; a foreign member of the European Academy of Sciences; a Fellow of the Royal Society of Chemistry, the National Academy of Inventors, and the American Physical Society; an Academician of The Russian Academy of Natural Sciences; an honorary professor of 8 universities in China; and is on editorial or advisory boards of *Science* and other journals. Ray has 90 issued US patents and over 440 refereed publications, with over 40,500 citations and a Web of Science H-index of 88. He has received the *Chemical Pioneer Award* of the American Institute of Chemists (1995), the *Cooperative Research Award in Polymer Science and Engineering* (1996), the *New Materials Innovation Prize* of the Avantex International Forum for Innovative Textiles (2005), *Nano 50 Awards* from Nanotech Briefs Magazine for Carbon Nanotube Sheets and Yarns (2006) and for Fuel Powered Artificial Muscles (2007), the *NanoVic Prize* from Australia (2006), the *Scientific American Magazine 50 recognition for outstanding technological leadership* (2006), the *CSIRO Metal for Research Achievement* (2006), the *Chancellor's Entrepreneurship and Invention Award* (2007), the *21 for the 21<sup>st</sup> Century* award (2007), the *Alumni Distinguished Achievement Award* of Carnegie Mellon University (2007), the *Kapitza Metal* of the Russian Academy of Natural Sciences (2007), the *Graffin Lectureship* of the American Carbon Society (2010), the *Tech Titans Award in Education* (2011), Time Magazine recognition in *50 Best Inventions of the Year* (2011), the *SGL Carbon Award* of the American Carbon Society (2013), the *Tech Titans Technology Inventors Award* (2015), the *2015 Inventor Award* for Energy Harvesting Materials and Systems, and the R&D 100 Gold Award for Market Disruptor Product (2015). He was named the Honorable Yang Shi-Xiang Professor of Nankai University and the Honorable Tang Aoqing Professor of Jilin University in 2010, and was listed 30th in the Top 100 Material Scientists of the Decade (2000-2010) and the Top 1% Most Cited in Cross-Fields in 2018. Baughman Laboratories were established in his honor in China in 2014 at the Jiangnan Graphene Research Institute in Changzhou and in 2018 at the University of Science and Technology in Liaoning.

Ray received his bachelor's degree in physics from Carnegie Mellon University and doctorate in the materials science area from Harvard University. Upon graduation, he went to Allied Chemical, which later became AlliedSignal and then Honeywell.



**Tim Danks CIPP/E, VP, Risk Management & Partner Relations, Huawei Technologies (USA)**

As VP Risk Management & Partner Relations, Mr. Danks is responsible for understanding and managing business risks in the context of cybersecurity and privacy across Huawei USA businesses and toward external stakeholders. Further, he is responsible for developing and enhancing partner relationships towards key external stakeholders across academia, channels partners, industry, and suppliers utilizing his broad understanding of Huawei's local

and global business operations.

Mr. Danks joined Huawei's USA operations in 2009, holding various senior level positions in Huawei's carrier network and consumer products businesses covering operations, cybersecurity, and risk management in Huawei's customer facing solutions and services. Most recently Mr. Danks has driven a program to operationalize the NIST Cybersecurity Framework as an organizational assessment model for Huawei's consumer facing cloud services operations and platforms globally.

Mr. Danks career spans 30 years in the telecommunications industry in both the vendor and operator environments. Prior to joining Huawei, he spent 18+ years with Ericsson, preceded by several years with Rogers Communications. At Ericsson, Mr. Danks held key international positions in Canada, United States, United Kingdom, and Sweden. Mr. Danks' focus during much of his career was in the telecom services arena expanding into the cybersecurity, privacy, and risk management space. Mr. Danks has proven success building and developing highly effective organizations focused on process driven business results supporting customer and partner success. Throughout his career, risk management of operations and networks has been a significant factor contributing to success of the organizations under his responsibility. His diversified mix of global experience provides him with a broad understanding of the challenges facing the Information and Communication Technology industry today.



**Patrick Jenevein, CEO, Tang Energy Group and Pointe Bello, and Chairman, WattStock LLC**

Patrick Jenevein is CEO of Tang Energy Group, an active clean energy investor and developer in China for over 20 years. He is also Chairman of WattStock LLC, a U.S.-based provider of high voltage components to power generators and transmission companies, and CEO of Pointe Bello, a Washington D.C. based think tank and consultancy.

Mr. Jenevein founded Tang's general partner, the Nolan Group Inc., in 1986 to enter the natural gas business. The Nolan Group formed Tang Energy Group in 1996 to build, own, and operate energy delivery systems in China. Among its activities, Tang has invested in natural gas power generation and wind turbine blade manufacturing in China and has carried out wind farm development in the US.

Mr. Jenevein is a recipient of the Ernst & Young's Regional Entrepreneur of the Year Award (2008) and the Dallas Chamber of Commerce Technology Catalyst Award (2010). In 2010, Tang Energy was selected as one of twelve global finalists of the US Department of State's Award for Corporate Excellence (ACE), which recognizes the important roles American businesses play as corporate ambassadors abroad.

Mr. Jenevein is a member of the Council on Foreign Relations. He earned his bachelor's degree from Davidson College in Davidson, North Carolina.



## **Jerry Pi, Investor/ Entrepreneur**

Jerry Pi is an entrepreneur and investor in the technology industry. His current interest is in leveraging the latest computing and communication technologies in consumer-oriented business and product innovations.

In 2014 – 2018, Jerry was the Chief Technology Officer of Straight Path Communications Inc., a leading wireless communication company with one of the largest 39 GHz and 28 GHz spectrum portfolios in the United States. He led the spectrum regulation and technology development activities in millimeter-wave 5G and Gigabit broadband. Jerry contributed significantly to the Federal Communication Commission rulemaking process that made the 28 GHz and 39 GHz bands core spectrum for 5G. The company was acquired by Verizon in February 2018 for \$3.1B.

Prior to joining Straight Path, Jerry was a Senior Director at Samsung Research America in Dallas, Texas, where he led system research, standardization, and prototyping activities in 4G and 5G. Jerry pioneered the development of millimeter-wave technologies for 5G. He authored the world's first invention and first journal article on millimeter-wave mobile broadband. He also led the development of first 5G baseband and RF system prototype in the world, successfully demonstrated the feasibility of 5G mobile communication at 28 GHz. During his tenure at Samsung, Jerry has also managed a variety of emerging technology research programs in smart home and IoT solutions, wearable devices, bio-signal processing and computing, mobile health, and medical imaging. Before joining Samsung in 2006, he was with Nokia Research Center in Dallas and San Diego, where he was a leading contributor to Nokia's 3G wireless standardization and modem development efforts for 3GPP2 1xEV-DV, 1xEV-DO, and Ultra Mobile Broadband systems.

He has authored more than 30 technical journal and conference papers and is the inventor of more than 100 patents. He holds a B.E. degree from Tsinghua University (with honor), a M.S. degree from the Ohio State University, and an MBA degree from Cornell University (with distinction). He is a Fellow of IEEE.



## **Robert Hill, Partner, Holland and Knight**

Robert S. Hill is a Dallas intellectual property attorney who focuses his practice on representing plaintiffs and defendants in complex patent litigation cases.

Mr. Hill has litigated in a wide variety of technology areas, including image processing software, audio codecs, database software, e-commerce software, cache management software, wireless communications technology, enterprise communication systems, global positioning systems, micro-electro-mechanical systems, medical imaging technology, data bus architecture, light emitting diodes, quantum dot technology, printer technology, hearing protection devices, specialty petrochemicals, fracking logistics technologies, pharmaceutical products and biotechnology.

Mr. Hill also represents clients in cybersecurity investigations, as well as in other non-patent business litigation involving technology issues, including antitrust and false advertising cases.

Mr. Hill is a member of the 5G Technology Initiative of Holland & Knight's Technology & Telecommunications Industry Sector Group. He regularly writes and speaks about the intersection of next generation wireless technologies with other emerging technologies, such as artificial intelligence/machine learning and block-chain technologies, and the legal issues associated with these areas.

In addition, Mr. Hill advises clients on a broad range of intellectual property transactional issues, including patent, copyright, and trademark and trade secret licenses. Mr. Hill also advises clients on finance, venture capital, aircraft finance and private equity transactions, with an emphasis on transactions where intellectual property and technology issues are significant drivers of deal value.

Mr. Hill represents clients in district and appellate courts across the country, as well as before the U.S. International Trade Commission and the Patent Trial and Appeal Board.

Prior to joining Holland & Knight, Mr. Hill handled intellectual property matters for a global law firm in its Los Angeles office.

Mr. Hill has an A.B. in Biology from Harvard University and a J.D. from Harvard Law School.



### **Tim Wang, Partner, Ni, Wang, & Massand**

Tim Wang is an experienced trial lawyer who focuses his practice on IP litigation (district courts and ITC) and complex commercial disputes in cases involving a wide variety of technologies such as semiconductors, electronics, chemistry, pharmaceuticals, computer hardware and software etc. He has represented clients in high profile litigations that collectively lead to settlements or judgments of multi-hundred-million dollars. Mr. Wang also successfully defended clients against accusations of patent or trademark infringements. Additionally, he advises clients on other aspects of the intellectual property law, including IP transactions, licensing, due diligence, patent prosecution, and trademark and copyright registration. Representative clients include California Institute of Technology, University of Virginia, Coolpad, Nanya Technology Corporation and many other institutes and companies both in U.S and China. Mr. Wang has been recognized as a rising star in intellectual property law by Super Lawyers each year since 2013. According to the annual review published by Docket Navigator, Mr. Wang ranked 19th as a top patent litigator in U.S. for the total number of patent lawsuits in 2015.

Prior to forming Ni, Wang & Massand, PLLC, Mr. Wang practiced at Shore Chan DePumpo LLP, specializing in patent litigation and licensing. He was an IT manager at AT&T before practicing law in 2007.

Mr. Wang received his law degree from SMU Dedman Law School. He received his master's degree in computer science from University of Texas at Dallas, and graduated with honor from Nanjing University.