

## ECC ACTIVE MEMBERS 2016

Please send directory updates to Debbie Guisado (dg60@cornell.edu).

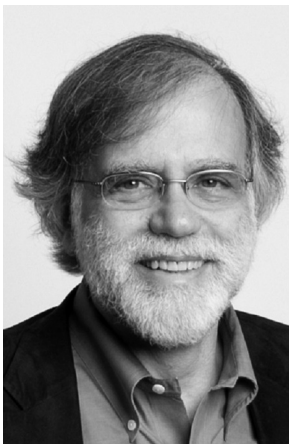


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Nadine Aubry, University Distinguished Professor and Dean of the Northeastern University College of Engineering, is known for her contributions to the field of fluid dynamics. Aubry was elected to the National Academy of Engineering (NAE) and the National Academy of Inventors (NAI), and is a Fellow of the American Physical Society (APS), the American Society of Mechanical Engineers (ASME), the American Association for the Advancement of Science (AAAS), and the American Institute of Aeronautics and Astronautics (AIAA). She has served as Chair of the National Academies' U.S. National Committee for Theoretical and Applied Mechanics (USNC/TAM), Chair of the American Physical Society Division of Fluid Dynamics, and currently serves as Chair of the NAE's Frontiers of Engineering Education Committee. Before joining Northeastern, she was the Raymond J. Lane Distinguished Professor, University Professor and head of the Department of Mechanical Engineering at Carnegie Mellon University. Aubry holds a Ph.D. in Mechanical and Aerospace Engineering from Cornell University.



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Dr. James "Jim" Becker is a Corporate Senior Vice President of Skanska USA Building where he is currently responsible for rebuilding their training program. Prior to this assignment he provided leadership for the company's Virtual Design and Construction operation. Previously, Jim was a Vice President of Skanska AB, the parent of Skanska USA Building, where he was responsible for special projects that addressed knowledge sharing between Skanska's thirteen global business units. During all of these various assignments at Skanska, Jim has stayed active as an Account Manager with some of Skanska's key clients in higher education. He previously served as the president and CEO of Beacon Skanska (now Skanska's New England office) and its predecessor Beacon Construction Company where several projects under his leadership were awarded the prestigious AGC Build America Award, including Sage Hall at Cornell. He was a faculty member at Massachusetts Institute of Technology, and also currently serves on the Civil and Environmental Engineering Advisory Committees at both Cornell, where he is Chair, and the University of California, Berkeley.



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Daniel S. Bernstein is the owner of Alexander Wolf & Son, a general contracting firm specializing in interior renovations in New York City. The company was founded in 1905 by Daniel's grandfather. They have upgraded and modernized many of the city's iconic buildings including Rockefeller Center, the Empire State Building, the original World Trade Center and the United Nations campus. Daniel is a member of the Board of Trustees of the Solomon Schechter School of Manhattan, the Park Avenue Synagogue, the Jewish Homecare Network, and the Affinity Insurance Company. Daniel is now in the midst of training his two children both of whom graduated from Cornell, Peter '03 B.S. from the College of Engineering and MBA from NYU '06 and Michelle '07 B.A. from the College of Arts and Sciences and MBA University of Miami '12 to be the fourth generation of family owners of Alexander Wolf & Son.

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Ronald Black has more than 20 years of experience managing businesses and running companies in global semiconductor and mobile markets. As president and CEO of Rambus, he provides the overall vision and leadership necessary to drive future growth for the company. Prior to Rambus, he held positions of chief executive officer for MobiWire, formerly Sagem Wireless; UPEK, which later merged with AuthenTec; and Wavocom, a publicly-traded French wireless solutions company. In addition, he has served as executive vice president of the Client Systems Group at Agere Systems, as well as holding a number of senior executive roles at other companies, including Motorola and IBM Microelectronics.

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Mr. Canaan is the Managing Partner of Marinus Capital Advisors. Prior to founding Marinus in 2010, Mr. Canaan was a Managing Director at GSO Capital, a Blackstone Group affiliate. Previously, Mr. Canaan was the Executive Managing Director and Co-Head of International Fixed Income at Nomura Securities International in New York (2003-2006) with responsibilities over all activities in the U.S., Europe, and Non-Japan Asia. In his various roles at Nomura, Mr. Canaan managed a trading and origination business of one thousand professionals and a balance sheet in excess of \$100 Billion. Prior to Nomura, Mr. Canaan was a Managing Director and Principal with Donaldson, Lufkin and Jenrette (DLJ then CSFB) (1988-2001). Holding several positions in research and trading, he was instrumental in establishing the Special Situations desk within the MBS Group at DLJ. He is a member of the Cornell University Council, a President's Circle volunteer for the Annual Fund at Cornell University, a member of the Advisory Council of the Buck Institute, a board member of Toktumi Inc, and a Senior Member of LIFE. He holds a B.S. in Electrical Engineering (1986) and a Master of Engineering Degree in Nuclear Engineering (1987).

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Lance R. Collins is the Joseph Silbert Dean of Engineering. He served as the S. C. Thomas Sze Director of the Sibley School of Mechanical and Aerospace Engineering from 2005 to 2010. He joined Cornell in 2002, following 11 years on the Chemical Engineering faculty at Pennsylvania State University. Collins was part of the Cornell leadership team that won the bid to partner with New York City to build a new campus focused on innovation and commercialization in the tech sector on Roosevelt Island. His research combines simulation and theory to investigate a broad range of turbulent flow processes, including the motion of aerosol particles in turbulence, mixing and chemical reactions in turbulent flames, turbulent breakup of drops and drag reduction due to polymer additives. He is a fellow of the American Physical Society, chairs the U.S. National Committee on Theoretical and Applied Mechanics, and serves on the Division on Engineering and Physical Sciences, the latter two committees operating under auspices of the U.S. National Academies.

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After completing his Cornell education, Robert A. Cowie spent two years as an aerospace engineer and then joined C&M Spring Company, a truck components manufacturer, where he became president in 1963. Dana Corporation acquired C&M in 1970. Cowie became vice president and general manager of Dana's Spicer Front Drive Systems Division in 1976, and from 1979 to his retirement in 1990, he was corporate vice president for public affairs. In 1996, Cowie became a trustee emeritus and presidential councilor of Cornell University after completing 23 years of board service, including 15 years as chair and co-chair of the Committee on Alumni Affairs and Development. He also was co-chair of the Cornell Campaign, which raised \$1.5 billion for the university between 1990 and 1995. Cowie is an emeritus member of the Johnson School Advisory Council and a trustee of the Johnson Trust.

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Frank A. DeCosta III, J.D., Ph.D., is a partner at Finnegan, LLP. He is former head of the firm's 130 member electrical and computer technology practice group and a member of the firm's management committee. DeCosta has significant experience in patent litigation, client counseling, and providing opinions related to computers, electronics, software, medical devices, and information systems. Most of DeCosta's cases have involved technology related to his previous research, academic training, and work experience at Bell Labs and The Mitre Corporation. He has managed patent enforcement and defense activities for clients in the United States, Europe, and Asia. As a first chair litigator, he directed litigation teams that obtained jury and bench judgments of more than \$100 million.

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Mike Even joined Numeric as President and CEO in 2006. He is also a member of the Man Group PLC Executive Committee. Prior to joining Numeric, Mike worked at Citigroup for nine years building a global asset management organization. After Citi merged with Travelers, Mike became Global CIO of the Private Bank and eventually, Global CIO for Citigroup Asset Management, overseeing investment teams running nearly \$500B in client assets. Prior to joining Citigroup Mike spent 13 years at Independence Investment Associates in Boston. Mike holds a B.A. in Economics and a B.S. in Operations Research and Industrial Engineering from Cornell University and an M.S. in Business from the Massachusetts Institute of Technology. Mike is a CFA charterholder and currently serves on the investment committees of the Massachusetts Pension Reserves Management Board (PRIM) and the Trustees of the Reservation.

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Sarah T. Fischell has spent her career in telecommunications planning and medical device innovation and nonprofit management. Much of her 20 years with AT&T was devoted to technology and services planning for business voice and data networks. More recently, Fischell supported several medical device start-up companies in financial management and intellectual property management roles. She is largely retired from technology-related pursuits. She is an emeritus director of the Cornell Engineering Alumni Association and she serves on the boards of a number of local non-profit organizations. Sarah is married to David Fischell '75, and they have two children, Erin '10 and Jennifer '13.

**GREGORY J. GALVIN**

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Greg Galvin is President and CEO of Rheonix, Inc., which produces fully-automated, molecular diagnostic systems for clinical and applied markets. He is also President and CEO of Mezmeriz, Inc., an early stage three-dimensional imaging company. In addition, Galvin is Executive Chairman of Incodema3D, Inc., a metals additive manufacturing company. Until 2013, he was the President and CEO of Kionix, Inc., a Cornell technology MEMS company that he co-founded in 1993. Galvin currently serves on the boards of Rheonix, Mezmeriz, Incodema3D, the Ithaca Sciencenter and the Boyce Thompson Institute. He served on the Cornell Board of Trustees from 2011 to 2015; he also serves on the Cornell Materials Science and Engineering Advisory Council and on the Entrepreneurship at Cornell Advisory Council. In 2010 Galvin was a regional Ernst & Young Entrepreneur of the Year Award winner. He was honored by Cornell as the 2014 Cornell Entrepreneur of the Year. Galvin has a B.S. in Electrical Engineering from the California Institute of Technology. His oldest son Thomas is in the class of 2019 in the Cornell College of Engineering.



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Virginia Giddings has more than 25 years' experience in healthcare, with leadership roles in medical device, pharmaceutical and nutrition businesses. Currently, she heads Advanced Research and Development (R&D) at Stryker Neurovascular Intervention, where she is responsible for technology strategy and driving future innovation to treat stroke. Previously at Abbott, she led Strategic R&D for the Nutrition business, with responsibility for early-stage research and global science partnerships. Also at Abbott, she led development of ABSORB, a bioabsorbable cardiovascular scaffold, which received the Wall Street Journal 2011 Innovation Award for Medical Devices. A patent agent, she had IP strategy roles with Johnson & Johnson and Advanced Stent Technologies, a start-up acquired by Boston Scientific. At Exponent, she was a consulting expert across a range of technical issues. She serves on the Executive Committee for the Center for Nutrition, Learning, and Memory at the University of Illinois, the Cornell Engineering Council, and the President's Council of Cornell Women. She founded MedtechWomen, an organization advancing women in leadership in healthcare. She received Bachelor's and Master's degrees in Mechanical Engineering from Cornell University and a Ph.D. in Biomechanical Engineering from Stanford University.



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Rana Glasgal has nearly 20 years of experience in higher education administration. She is currently the Associate Vice Provost for Institutional Research and Decision Support at Northeastern University, facilitating institutional decision making by providing integrated analysis and research. Prior to holding this position, Rana spent over 18 years at Stanford University, most recently as Assistant Vice President for Workforce Analytics, designing and promoting the use of analytics for decision making in academic human resources. Before Stanford, she was a consultant with Decision Focus Incorporated. Rana just concluded her term as an alumni-elected trustee on the Cornell Board of Trustees and is a life member of the Cornell University Council. She is currently a member of the CAAAN Advisory Committee and a former Chair of that group. She is a member of CAAAN and a former General Chair for the Northern California region. She has served as a director of the Cornell Alumni Federation and as a member of the Ways and Means Committee. Rana holds her B.S. and M.Eng. from Cornell in Operations Research.



**MICHAEL GOGUEN**  
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Michael L. Goguen is a venture capitalist. He was a Partner at Sequoia Capital from 1996-2016, where he focused on infrastructure and technology investments. He has been a director at more than 10 portfolio companies and led Sequoia's investments for many more. Before joining Sequoia Capital in 1996, Goguen spent 10 years in various engineering, research and product management roles at DEC, SynOptics and Centillion and was a director of Engineering at Bay Networks (Nortel). Goguen also served as a Technical Chairman of the ATM Forum. He holds a B.S. in Electrical Engineering from Cornell University and an M.S. in Electrical Engineering from Stanford University.



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Kent Goklen is the Director of Downstream Process Development at GlaxoSmithKline Biopharm R&D in King of Prussia, PA, with responsibility for the process development, scale-up and tech transfer of purification processes for biopharmaceuticals. Kent joined GSK in 2008, after retiring from the Merck Research Laboratories, where he had led a team in the BioProcess R&D organization. Since joining GSK, he has contributed to the development of two recently licensed biopharmaceuticals, Eperzan/Tanzeum® and Nucala®. While at Merck, he played a key role in the development and demonstration of manufacturing processes for Mevacor/Zocor™ and Cancidas.® Kent has a B.S. from Cornell University and M.S. and Ph.D. degrees from MIT, all in Chemical Engineering. Kent is a Fellow of the American Chemical Society, where he is active in the Division of Biochemical Technology, and is Adjunct Professor of Chemical and Biomolecular Engineering at Cornell University.



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Frank L. Huband is Senior Vice President and General Counsel of the World Technology Evaluation Center. He recently retired as the chief executive officer of the American Society for Engineering Education, a 13,000-member professional society for engineering educators and institutions of engineering and engineering technology. Formerly, Huband was the director of the U.S. National Science Foundation's Electrical and Communication Systems Division. He joined NSF in 1976 and has held various positions there, including that of head of the Technology and Resources Policy Section, director of the Emerging Engineering Technologies Division, and director of the Electrical and Communication Systems Division. He has served on the faculty of the Electrical Engineering and Mathematical Sciences departments at Rice University.



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Andrea Ippolito is the Innovators Network Lead at the Department of Veterans Affairs. She previously served as a Presidential Innovation Fellow at the VA Center for Innovation based out of the White House Office of Science Technology Policy and General Services Administration. She previously was a Ph.D. student in the Engineering Systems Division at MIT, co-founder of Smart Scheduling, Innovation Specialist at the Brigham & Women's Hospital Innovation Hub, and co-leader of MIT's Hacking Medicine. She also served as a Product Innovation Manager at athenahealth and completed her M.S. in Engineering & Management at MIT. Prior to MIT, Ippolito worked as a Research Scientist within the Corporate Technology Development group at Boston Scientific. She obtained both her B.S in Biological Engineering in 2006 and Masters of Engineering in Biomedical Engineering in 2007 from Cornell University.

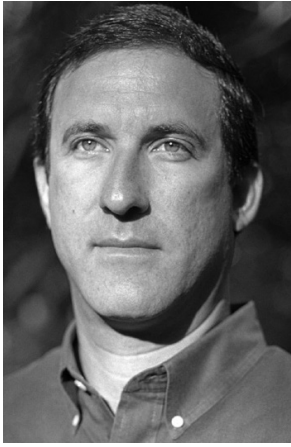


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Michele A. Kaliski brings three decades of practical experience investing in students, innovation, and public service. After graduating from Cornell, Kaliski studied as a General Motors Fellow at MIT. Her master's thesis outlined an innovative strategy for empowering employees in improving factory operations, a basis for her work as a manufacturing engineer at GM's Harrison Radiator and a competitive analysis engineer at A.C. Rochester. After starting a family, Kaliski turned her career attention to public service, organizing and fundraising for student programs in the arts and athletics. In the past decade, she's shifted focus to the college level, pursuing investment opportunities at MIT's Division of Student Life. At Cornell, Kaliski has worked with the ECE Department to establish and organize its Innovation Award Competition. Now entering its fourth year, the competition has funded a number of remarkable student teams, the members of which are well underway in their own impactful careers.



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Andy Kessler is the author of several books on technology and markets, including *Wall Street Meat* and *How We Got Here*. Cornell and University of Illinois Electrical Engineering degrees led to designing chips at Bell Labs. Kessler was an Institutional Investor All Star analyst for PaineWebber and Morgan Stanley and was a founder of the hedge fund Velocity Capital. He writes for the *Wall Street Journal* op-ed page, *The New York Times*, *Forbes*, *The Weekly Standard*, and *New York Magazine* and has appeared on CNBC, Yahoo Finance Tech Ticker, CNN, and Fox.



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Brian Kushner is a senior managing director at FTI Consulting, specializing in interim/turnaround management. A serial entrepreneur, Kushner was co-founder of CXO (FTI acquired CXO in December 2008) and founder of its predecessor, BGKC LLC. Kushner is also the CEO of Sage Telecom; previously he was CEO of Pacific Crossing Limited, a trans-Pacific carrier. Since 1999, Kushner and his CXO partners have bought or sold 15 companies, and he has served as CEO or chief restructuring officer at more than 20 companies. Previously, Kushner founded Recompute and helped restructure MCC and BSG under BGKC. From 1982 to 1992, Kushner was with BDM International, a defense systems integration firm, where he was responsible for troubled projects, certain classified programs, and most DARPA-related business.



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Aref Lahham is a Managing Director and founding Partner of Orion Capital Managers, which has invested over €10 billion over the last 16 years. Lahham serves on the Funds' Investment Committee and is Chief Investment Officer, setting the strategy and leading the Funds' acquisition teams and activities as well as directing asset management activities on a significant number of Fund investments. Lahham has 30 years of real estate investment and development experience in the United States and Europe. He has a BSc in Engineering from Purdue University, Masters of Engineering in Civil Engineering from Cornell University and an M.B.A. from INSEAD.



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Charles R. Lee is retired chairman and co-CEO of Verizon Communications. He was previously chairman, CEO, and a director of GTE Corporation. He began his career in 1964 with the United States Steel Corporation, where he held financial and management positions until 1971. Subsequently he was senior vice president of finance at Penn Central and at Columbia Pictures Industries. Lee is a director of DIRECTV Group, a board member of Marathon Petroleum Co. and US Steel, and retired from the United Technologies Corporation board of directors. He is a retired Director of Proctor and Gamble and United Technologies. He was a member of the President's National Security Telecommunications Advisory Committee and the Advisory Committee to the President's Commission on Critical Infrastructure Protection. He is a trustee emeritus and presidential counselor of Cornell and on the board of overseers of Weill Cornell Medical College.

**DR. MARCUS H. LOO**

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Marcus H. Loo M.D. is clinical professor of urology at Weill Medical College of Cornell University and attending urologist at New York Presbyterian Hospital. He is trustee emeritus and a presidential councilor of Cornell University. He serves on the Technology Transfer Advisory Committee as well as on the Advisory Council of the McGovern Center for Venture Development in the Life Sciences. Dr. Loo is on the Advisory Board of the Cayuga Venture Fund and has served on the Life Sciences Advisory Committee. He majored in electrical engineering. His daughter Courtney is Cornell '16.

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Jonathan Ludwig is currently a Vice President in Barclays' Distressed and Special Situations Trading group, a part of the Fixed Income Credit Trading business. Ludwig is responsible for analyzing distressed, stressed, or recovering credits and other special situations across sectors and across the entire capital structure. He was previously an investment banker at Evercore and Bank of America Merrill Lynch, advising on restructuring and capital raising transactions. Example transactions include the merger of Verso Paper and NewPage Holdings and related exchange offers, Sara Lee's corporate reorganization and the spin-off of D.E. Master Blenders 1753, and CorEnergy's conversion to an infrastructure REIT. Before that, Ludwig also traded a variety of securitized products on Citi's Mortgage Trading desk. He has a B.S. (cum laude) from Cornell University, where he majored in Computer Science and Electrical Engineering, and an M.B.A. (with Honors) from the University of Chicago Booth School of Business.

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Ivan Lustig is the managing partner of Dover Madison Capital Management, a private equity firm focused on mid-market North American companies. Lustig has more than 30 years of experience as an investment banker specializing in mergers and acquisitions and financings having worked on over \$200 billion of transactions. He was most recently a senior managing director at Duff & Phelps and was, prior to that, head of M&A in the Americas for The Royal Bank of Scotland, and head of M&A in North America for predecessor firm ABN AMRO. Lustig graduated from Cornell University as a Knight Scholar. Lustig is an advisory board member of Cornell's Financial Engineering Graduate Program and a board member of ARIF, a private foundation. Lustig is also co-chairman of the Museum of the Moving Image.

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Jim McCormick is CEO and founder of FMCG. During Jim's 30+ years of consulting to financial institutions, he has assembled expertise ranging from strategy to marketing to acquisitions. Along the way, he has authored over 40 white papers on banking. McCormick has given testimony to the U.S. Senate Banking Committee and has appeared over 200 times as a speaker before various industry groups. He has appeared on several television venues and been quoted in publications including The Wall Street Journal, The New York Times, Institutional Investor, The Economist, Forbes, and Fortune. Jim contributes to education as a Board member of Mercy College, the Engineering College Council at Cornell University, and previously as a national board member of Teach for America. He also serves on the Board of several venture companies.



**DONALD E. MOREL, JR.,  
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Dr. Morel recently retired as Chief Executive Officer of West Pharmaceutical Services, Inc., where he served in that position since April 2002 and Chairman of the Board since March 2003. He joined West in 1992 as Director of Research and Development and was promoted to Vice President R&D in 1993. In this role, Dr. Morel spearheaded West's efforts to develop novel and propriety drug delivery technologies. In 1998 he was promoted to Group President, heading sales, marketing and operations of West's medical device and pharmaceutical components business globally. In 1999, Dr. Morel became President of the new Drug Delivery Division and in April 2001, President and Chief Operating Officer. His aerospace work in the 1980s resulted in his selection as a finalist for assignment as a NASA Mission Specialist in the Astronaut Office in 1989. Dr. Morel holds a B.S. degree in Engineering from Lafayette College, an M.S. in Materials Science and a Ph.D. in Materials Science and Veterinary Medicine from Cornell University.



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Howard Morgan is co-founder and partner in First Round Capital, a seed stage venture capital investment firm specializing in information technologies. He began working with Idealab in 1996 and serves on its board. He has more than 30 years of experience with more than 200 high-tech entrepreneurial ventures. He serves on the boards of Augury, Kentik.com, Memsq, Gust and other private companies. After receiving his Ph.D., Morgan joined the Cornell faculty as assistant professor of operations research and then professor of decision sciences at the Wharton School of the University of Pennsylvania and professor of computer science at the Moore School for almost 15 years. He is a trustee of Cold Spring Harbor Labs and Math For America and is a respected author. Morgan received his B.S. from the City University of New York in 1965.



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James Ricotta has more than 25 years of experience in the information technology field as CEO, board member, and Fortune 500 division GM. He is president and CEO at SightPath Capital. Previously, he was CEO and president at DataPower Technology, Azuki Systems, and SightPath, Inc. He has also been a vice president and business unit general manager at IBM and Cisco Systems. His functional experience includes engineering, product management, marketing, sales, and general management. He has built management teams, brought products to market, acquired marquee customers, and enjoys a long track record of growth within his positions. He has successfully built and sold companies in emerging markets to Cisco and IBM for \$800 million and \$100 million respectively. He holds an MBA from Harvard and received an Emmy Award in 1992 for his work on Avid Technology's digital video editing system.

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Susie Kim Riley is a serial entrepreneur. With multiple successful exits behind her, her latest venture is Aquoto, where as the Founder and CEO, she is changing the way consumers connect via mobile by enabling users to use apps, view videos and other content without impacting their data plans. Aquoto's mission is to democratize mobile connectivity worldwide by making it more accessible and affordable through data sponsorships. Prior to Aquoto, Riley was the CMO of Tekelec (acquired by Oracle) where she was responsible for strategy and technology direction. Riley came to Tekelec through the acquisition of Camiant, where as the Founder and CTO, she pioneered the field of policy control – the technology used to manage all cellular data connections on smartphones. Riley has held senior leadership positions at a number of other successful startup companies including Broadband Access Systems, Maker Communications and Proteon. She holds a bachelor of science in Electrical Engineering from Cornell University, and has authored 50 issued patents.

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Dan Simpkins is an experienced entrepreneur who founded and led two successful startup companies: SALIX Technologies, a telecommunications pioneer; and Hillcrest Labs, a consumer electronics innovator. As CEO of Hillcrest Labs, which he founded in 2001, Simpkins has guided the company to introduce groundbreaking user experiences for television, and to develop exceptional expertise in sensors processing. Hillcrest is currently the leading global supplier of software, hardware, and intellectual property for motion-enabled products. Before founding Hillcrest, he led SALIX Technologies for over a decade, managing the company from inception to its becoming a leader in VoIP, and then to its acquisition by Tellabs, Inc. for \$300 million. Simpkins is both a business and technical leader: he teaches, writes about, and speaks on a variety of business subjects, and he holds 19 U.S. patents in the fields of interactive television and telecommunications. In addition to his business activities, he is also a member of the board and the Executive Committee of the Charles E. Smith Jewish Day School, is a member of the Board of Trustees of his synagogue, Kol Shalom, and serves on the Cornell University Council.

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Robert F. Smith is the Founder, Chairman and CEO of Vista Equity Partners. Vista currently manages equity capital commitments of approximately \$13Bn and focuses on the enterprise software, data and technology enabled solutions sectors. Previously, Smith worked for Goldman Sachs, M&A, in New York and Silicon Valley. As co-head of Enterprise Systems and Storage, he executed and advised on more than \$50 billion in merger and acquisition activity for Apple, Microsoft, Texas Instruments, Ebay, and Yahoo. Mr. Smith earned his B.S. in Chemical Engineering from Cornell University and his MBA from Columbia Business School. He is the Principal Inventor on two United States and two European patents. Mr. Smith's business achievements and global philanthropic works have received recognition from numerous entities - including the Reginald F. Lewis Achievement Award, the Humanitarian of the Year Award from the Robert Toigo Foundation, the Ripple of Hope Award from the Robert F. Kennedy Center for Justice and Human Rights, the Award of Excellence from the National Association of Investment Companies, and the Columbia University BBSA Distinguished Alumni Award.



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Elissa Sterry started her career with Exxon Chemical Company in information management. She subsequently held a variety of positions and in 1996 was appointed General Manager for the Polymers Applications Business Unit. She was promoted to Vice President in 1999, in charge of the worldwide Ethylene Elastomers Business. In 2002, she was named Deputy Manager of Public Affairs and later that year, was appointed manager, Economics and Energy, becoming a recognized speaker on ExxonMobil's outlook for energy and energy-related issues. In 2004, Elissa was appointed manager, Business Planning and Support, for the ExxonMobil Gas and Power Company. In 2006, she was appointed Vice President Global Oxo. In June 2007, the Oxo and Fluids Global Business Units consolidated into the Intermediates Business Unit and Elissa was appointed to the position of Vice President, Intermediates, ExxonMobil Chemical Company.



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Duane J. Stiller is president of Woolbright Development. He founded Woolbright in 1985, establishing industry knowledge, personal service, and innovation as core values. Stiller built the company into one of the fastest growing retail real estate companies in Florida. Historically, Woolbright's typical projects consisted of redevelopments of existing shopping centers in metro areas. Recently, ground-up developments have been added and this successful combination has helped make Woolbright one of the largest acquirers, managers, and owners of retail real estate in Florida. Stiller began his career with Traveler's Asset Management International Corporation as director of property management. He also co-founded The Sterling Companies in 1993. Stiller is a licensed real estate broker and licensed general contractor.



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Sherri Stuewer retired after 36 years with Exxon Mobil Corporation. In her final assignments she was Vice President for Safety, Health & Environment and Vice President for Environmental Policy & Planning. Over her career, she held a variety of technical and managerial assignments in refining, planning, and logistics, including general manager of the Exxon Company U.S.A. Supply Department and manager of the Exxon Refinery in Baytown, Texas. Ms. Stuewer is an Emeritus Trustee of Cornell University and has served on multiple non-profit boards. She is a past chair of the Industry Advisory Board to the International Energy Agency.



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John A. Swanson is the founder of ANSYS, served as president for more than 20 years, and was its chief technologist until his retirement in 1999. Swanson is internationally recognized as an authority and innovator in the development and application of finite-element methods to engineering. He founded Swanson Analysis Systems (now ANSYS) in 1970 to develop, support, and market the ANSYS program, a finite-element software code widely used in the computer-aided engineering industry. Prior to that, Swanson was employed at Westinghouse Astronuclear Laboratory. In 2009, he was elected a member of the National Academy of Engineering. He was awarded the John Fritz Medal in 2004. He is on the Board of Trustees of the University of Pittsburgh, and served 12 years on the Board of Trustees of Washington and Jefferson College. He is currently active in Renewable Energy, with a focus on PV Solar Power. He does public lectures at Universities and community gatherings, as well as consulting on residential and commercial PV design.



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Joseph Thanhauser is the chairman and founder of Byrnam Wood, LLC, a boutique real estate investment, consulting and brokerage firm based in New York City. The firm represents clients that lease, buy, or have buildings developed for their own occupancy, in New York and globally. Their specialty has been the conception and negotiation of large commercial lease transactions. Prior to the formation of Byrnam Wood, he was a partner in the development of hotel and office properties in Philadelphia, PA.; Greenwich, CT.; Baltimore, MD.; Buffalo, NY and elsewhere in the U.S. His earliest employment after earning an MBA at Columbia University Graduate School of Business included several years working for the Uris brothers (Uris Buildings Corp.) and at Tishman Realty (now Tishman Speyer Properties). He serves on the Cornell University Council and over the past five years has worked with fellow Cornellian John Foote on the design, creation and funding of a statue of Touchdown (the Bear, Cornell's unofficial mascot) to be unveiled at the corner of Campus and Garden at Homecoming 2015.



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Andrew W. Verhalen joined Matrix Partners in 1992. Since then he has led Matrix's involvement in dozens of successful technology companies, including Phone.com (PHCM), which went public in 1999; SiTera, which sold to Vitesse; and Alteon Websystems (ATON), which listed its shares on Nasdaq before being acquired by Nortel Networks. Before joining Matrix, Andy helped start Grand Junction Networks, an Ethernet switch business that is now a major division at Cisco. Previously he worked for 3Com, where he built a new division focused on network adapters and hubs. Prior to that, Andy managed marketing for Intel's flagship microprocessor, the 8086. Today he is working with several young companies: Ambarella (AMBA) provides HD video and image processing solutions; Cyphort secures enterprises against advanced cyber-attacks; Panzura provides enterprise cloud storage controllers; Sila Nanotechnologies is developing advanced battery materials; and SpiderCloud Wireless makes enterprise mobile broadband systems. Andrew received a B.S. in Electrical Engineering, M.Eng. in Electrical Engineering and M.B.A. all from Cornell.



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David F. Welch co-founded Infinera and currently serves as President and as a member of the Board of Directors. Previously, he was CTO and VP Corporate Development at SDL. Welch holds over 130 patents in optical transmission technologies, and has authored over 300 technical publications in the same field. In recognition of his technical contributions to the optical industry, he has been awarded the Optical Society of America's Adolph Lomb Medal, Joseph Fraunhofer Award and John Tyndall Award, the Institution of Engineering and Technology's JJ Thompson Medal for Achievement in Electronics, and the IEEE Ernst Weber Managerial Leadership Award. He is a Fellow of the OSA and the IEEE, and a member of the National Academy of Engineering. Welch is the founder of Students Matter, a national non-profit organization dedicated to sponsoring impact litigation to promote access to quality public education. He also serves on the board of directors of the Natural Resources Defense Council and on the boards of other technology companies. Welch holds a B.S. in Electrical Engineering from the University of Delaware and a Ph.D. in Electrical Engineering from Cornell University.



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Craig A. Wheeler joined Momenta Pharmaceuticals, Inc. as Chief Executive Officer in September 2006. He also serves as a member of the company's board of directors. Momenta Pharmaceuticals is a biotechnology company specializing in the detailed characterization and engineering of complex drugs. Under Wheeler's leadership, Momenta and its collaboration partner Sandoz received FDA approval for the first ever generic LovenoX, and more recently generic Copaxone. Prior to Momenta, Wheeler worked at Chiron Corporation as President, Chiron BioPharmaceuticals, which had products treating cancer, cystic fibrosis, and multiple sclerosis. Wheeler was also a senior member of The Boston Consulting Group's health care practice, worked for Merck's MSDRL research unit as a senior engineer, and at Hybritech as a financial analyst. He is Chairman of the Board of Directors of GPhA and in 2011 was an E&Y Entrepreneur of the Year Regional Award winner. Previously, he was Chairman of the Board of Avanir Pharmaceuticals. He holds a B.S. and an M.S. degree in chemical engineering from Cornell University, and an M.B.A. from the Wharton School of the University of Pennsylvania.



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Eric Young co-founded Canaan Partners, an industry-leading early stage venture capital investment firm, in 1987. Since then, he has led investments in numerous successful startup companies, including: Argon Networks, Capstone Turbine, Copper Mountain Networks, Cortina Systems, Diffusion Software, Ebates, Enpirion, Frame Technology, International Network Services, Kalpana, Nellcor, Octel Communications, ONI Systems, SandForce, Spectrian and Visigenic Software. An advocate for advances in cybersecurity, Eric now serves as a director of firms such as Lancope, Verance and Xirrus. He also serves on the Steering Committee for Sinet, the cybersecurity industry thought leadership group. Before starting Canaan, Eric was a SVP at GE Venture Capital. Earlier, Eric held several sales, marketing and operations management positions within various GE industrial product businesses. Eric earned a B.S. in mechanical engineering from Cornell University and an M.B.A. from Northwestern University. An advocate of promoting entrepreneurship within the Cornell community, he has served as a member of the Advisory Council of Entrepreneurship at Cornell and the Advisory Board to Cornell Silicon Valley for many years.



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Todd C. Zion founded SmartCells, Inc. in 2003 to develop SmartInsulin™, the first glucose-regulated, injectable formulation for treating diabetes. As SmartCells' president and CEO, he was instrumental in raising \$10 million in equity financing from individual investors and \$10 million in grants to support research and clinical development. In December 2010, Merck and Co. acquired SmartCells for over \$500 million in cash and clinical milestone payments. He developed the SmartInsulin™ technology as part of his doctoral thesis work at MIT. Prior to enrolling at MIT, he worked as a polymer development engineer at Eastman Kodak. He now enjoys advising technology entrepreneurs through MIT's Venture Mentoring Service. He also serves on a number of advisory boards including those of the Beth Israel Deaconess Medical Center and the CNY Biotech Accelerator.

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