# **CornellEngineering**



## ECC ACTIVE MEMBERS 2018

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



#### NADINE AUBRY

(Cornell Ph.D. '87 ME) Northeastern University

#### **DEAN'S OFFICE**

College of Engineering 230SN Northeastern University 617-373-5847 n.aubry@neu.edu

Nadine Aubry is University Distinguished Professor and Dean of the College of Engineering at Northeastern University, and is an expert in fluid mechanics. She was elected to the National Academy of Engineering (NAE), the American Academy of Arts and Sciences and the National Academy of Inventors, and is a fellow of the American Physical Society, the American Society of Mechanical Engineers, the American Association for the Advancement of Science and the American Institute of Aeronautics and Astronautics. She currently serves as president of the International Union of Theoretical and Applied Mechanics, Section Secretary of the NAE mechanical engineering section, vice chair of the NAE Bernard M. Gordon Prize for Innovation in Engineering and Technology Education Selection Committee, on the NAE Membership Policy Committee, and on the International Council for Science. In the past, she chaired the APS Division of Fluid Dynamics, the U.S. National Committee for Theoretical and Applied Mechanics and the NAE's Frontiers of Engineering Education Committee. She was the recipient of the 2017 G.I. Taylor Medal of the Society of Engineering Science. Prior to joining Northeastern, Aubry was head of Mechanical Engineering at Carnegie Mellon University.



**JOHN V. BALEN** (Cornell B.S. '82 EE,

MBA '86)

#### **CANAAN PARTNERS**

2765 Sand Hill Road Menlo Park, CA 94025 415-515-5553 jbalen@me.com John Balen is a partner at Canaan Partners, an early-stage technology and health care venture capital firm. With more than 30 years in venture capital and technology startups, he has served as the lead investor and board member for numerous technology startups including: Commerce One, Echopass, eStamp, Everdream, ID Analytics, Intraware, Rightpoint, SilverRail Technologies and SOASTA. He currently serves on the boards of Blurb, Cardlytics, Switchfly and UrbanSitter. Prior to joining Canaan Partners in 1995, Balen was a managing director at Horsley Bridge Partners, a multi-billion private equity firm where he was responsible for investing in venture capital partnerships and aspiring technology companies. Prior to his investment career, he was an engineer with Digital Equipment Corporation and Codenoll Technology. He currently serves as an advisory council member for the Samuel Curtis Johnson Graduate School of Management, Cornell Engineering – Electrical and Computer Engineering, Entrepreneurship at Cornell and Cornell Silicon Valley.



# **DANIEL S. BERNSTEIN** (Cornell B.S. '70)

# ALEXANDER WOLF & SON

A Division of A.W. & S. Construction Co. Inc.

1070 Park Avenue New York, NY 10128 212-972-1740 DBernstein@ awolfandson.com 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.



**NAJIB S. CANAAN** (Cornell EE '86, M.Eng. Nuclear Eng '87)

#### MARINUS CAPITAL ADVISORS, LLC

19 Old Kings Highway South, Suite 330 Darien, CT 06820 203-567-6401 Najib.Canaan@Marinus-Cap.com Najib Canaan serves as the Founding Managing Partner and Chief Investment Officer of Marinus Capital Advisors. Prior to Marinus, Canaan was a Managing Director and Head of Structured Finance at GSO Capital, Managing Director and Head of Structured Products at Brevan Howard, Executive Managing Director and Co-Head of International Fixed Income at Nomura Securities International, and Co-Head of Fixed Income (Europe) for Nomura International PLC. Prior to Nomura, Canaan was a Managing Director and Principal with Donaldson, Lufkin and Jenrette (DLJ). Holding several positions in research and trading, he established the Special Situations desk within the MBS Group at DLJ, and was responsible for structuring and trading non-performing, under-performing and re-performing securitized assets. From 2003 to 2006, Canaan served on the Executive Board of the Bond Market Association. He is a former member of the Cornell University Council, a member of the Engineering College Council, and the National Co-Chair of the President's Circle. He also serves on the Advisory Council of the Buck Institute, and is a Board member of Toktumi (Line2) Inc. He holds a Bachelor of Science Degree in Electrical Engineering (1986) and a Master of Engineering Degree in Nuclear Engineering (1987) from Cornell University.



**LANCE R. COLLINS** (Ex Officio Member of the Council)

#### **CORNELL UNIVERSITY**

College of Engineering 242 Carpenter Hall Ithaca, NY 14853-2201 607-255-9679 engineering\_dean@ cornell.edu 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.



FRANK DECOSTA (Cornell B.S. '85 EE, M.Eng. '86 EE)

#### FINNEGAN, LLP

901 New York Ave. NW Washington, DC 20001-4413 202-408-4012 frank.decosta@finnegan. com 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.



MICHAEL EVEN (Cornell BS '82 ORIE)

# NUMERIC INVESTORS

21 Smith's Point Rd. Manchester, MA 01944 203-550-0917 MichaelEven@yahoo.com Mike Even is chairman of Man Numeric ("Numeric"), which he joined in 2006 and served as President and CEO until 2016. Prior to joining Numeric, Even worked for Citigroup for nine years building a global asset management organization. After Citi merged with Travelers, he 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, Even spent 13 years at Independence Investment Associates in Boston. He received a Bachelor of Arts degree in economics, a Bachelor of Science degree in operations research from Cornell University and a master's degree 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 and the Trustees of the Reservation.



**GREGORY J. GALVIN** (Cornell M.S. '82 MSE, Ph.D. '84, M.B.A. '93)

#### RHEONIX INC. AND MEZMERIZ INC.

10 Brown Rd., Ste. 103 Ithaca, NY 14850 607-257-1242 , ext. 110 ggalvin51@gmail.com Greg Galvin is President and CEO of Rheonix, Inc., which produces fullyautomated, molecular diagnostic systems for clinical and applied markets. He is also President and CEO of Mezmeriz, Inc., an early stage threedimensional 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.



RANA GLASGAL (Cornell B.S. '87, M.ENG. '92

### NORTHEASTERN UNIVERSITY

ORIE)

69 Arnold Road Newton, MA 02459 650-906-4960 (Mobile) 617-373-8565 (Office) rg87@cornell.edu

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 Cornell Alumni Advisory Board, a member and former chair of the CAAAN Advisory Committee, and a Cornell Class of '87 class officer. 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.



#### **KENT E. GOKLEN** (Cornell B.S. '79 ChE)

#### **GSK BIOPHARM R&D**

Mailstop UE0550 709 Swedeland Road PO Box 1539 King of Prussia, PA 19406 610-270-4793 kent.goklen@gsk.com 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<sup>®</sup> and Nucala<sup>®</sup>. While at Merck, he played a key role in the development and demonstration of manufacturing processes for Mevacor/Zocor<sup>™</sup> and Cancidas.<sup>®</sup> 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.



KEN GOLDMAN (Cornell B.S. '71 EE)

#### HILLSPIRE

701 First Ave. Sunnyvale, CA 94089 415-342-2495 kgoldman5@gmail.com Ken Goldman is the former chief financial officer of Yahoo! and now president of Hillspire, a family office. He was previously CFO of Fortinet. He also served as senior vice president, finance and administration, and chief financial officer of Siebel Systems, Inc., Excite@Home Corporation and Sybase, Inc. He currently serves on the board of directors of NXP Semiconductor, Yahoo! Japan, Trinet, GoPro, Inc. and several private companies. Goldman was a member of board of trustees of Cornell University from 2005 to 2013 and was designated as emeritus trustee. He was formerly a member of the Treasury Advisory Committee on the Auditing Profession and was appointed a member of the Public Company Accounting Oversight Board's Standing Advisory Group ("SAG"). Goldman holds a B.S. in electrical engineering from Cornell University and an M.B.A. from the Harvard Business School.



ANDREA IPPOLITO (Cornell B.S. '06 BE, M.Eng. '07 BME)

#### CORNELL UNIVERSITY

521 Ridge Road Lansing, NY 14882 339-234-0164 akippolito@gmail.com Andrea Ippolito is the executive director of the Engineering Management Program at Cornell University. She recently completed a role as the innovators network director at the Department of Veterans Affairs and 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, cofounder 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 Athena Health and completed her M.S. in engineering and 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 Master of Engineering in biomedical engineering in 2007 from Cornell University.



#### **KEVIN P.B. JOHNSON** (Cornell B.S. '88 EE)

#### QUINN EMANUEL URQUHART & SULLI-VAN, LLP

555 Twin Dolphin Drive, 5th Fl., Redwood Shores, CA 94065 650-801-5000 kevinjohnson@quinnemanuel.com Kevin Johnson, who has an electrical engineering degree from Cornell, is a partner at Quinn Emanuel Urquhart and Sullivan, LLP. He serves as lead counsel for Fortune 500 companies and start-ups including Samsung, Salesforce, Twist Bioscience, Twitter, Sony, Blackberry, Lifesize and Fitbit. His practice focuses on litigating patent infringement, antitrust and trade secret cases in federal and state courts as well as the International Trade Commission. His skills as a patent trial lawyer have been recognized by publications such as Chambers USA, which listed him as a top California Intellectual Property Patent lawyer in 2016, and the Daily Journal, which named him a "Top IP Lawyer in California" for 2016. In 2016, he was also named "Technology MVP" by Law360. Johnson also serves as a Trustee of SFMOMA and on the governing board of the Woodside School District.



### PUBLIC SERVANT

**MICHELE A. KALISKI** 

(Cornell B.S. '85 ORIE)

813 Carrie Court McLean, VA 22101 781-492-3313 makaliski@gmail.com 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.



WILLIAM R. LaFONTAINE, JR.

(Cornell M.S. '88, Ph.D. '90 MSE)

#### INTERNATIONAL BUSINESS MACHINES

1101 Kitchawan Road Yorktown Heights, NY 10598 914-945-1200 lafont@us.ibm.com William LaFontaine is a recognized leader in the areas of technology licensing, technology partnerships and intellectual property. In his current role as general manager of Intellectual Property at IBM, LaFontaine and his team work at the intersection of research, business units and clients to accelerate market introduction of new technologies including cognitive computing. La-Fontaine is responsible for annually delivering over a billion dollars in joint development, technology transfer and patent licensing. In his 28-year career at IBM, LaFontaine has been the chief operating officer for IBM's Research Division, general manager of global technology services in the Middle East and Africa as well as general manager of worldwide semiconductor and technology sales.



**AREF H. LAHHAM** (Cornell M.Eng. '86 CEE)

#### ORION CAPITAL MANAGERS

2 Cavendish Square London W1G 0PD +44 20 7199 2001 alahham@orioncapman. com Aref Lahham is a managing director and founding partner of Orion Capital Managers, which has invested over €10 billion over the last 19 years. Lahham serves on the Orion 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 32 years of real estate investment and development experience in the United States and Europe. He has a BSc in engineering from Purdue University, Master of Engineering in civil engineering from Cornell University and an M.B.A. from INSEAD.



DR. MARCUS H. LOO (Cornell B.S. '77 EE, MD '81 (Weill))

#### WEILL MEDICAL COL-LEGE OF CORNELL / NEW YORK PRESBYTE-RIAN HOSPITAL

10 Meadow Road Scarsdale, NY 10583 212-925-8388 (Office) 212-941-7426 (Fax) 917-968-5129 (Cell) mhloo@msn.com 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.

(Cornell B.S. '03 CS/ECE)

JONATHAN M. LUDWIG

#### **BARCLAYS CAPITAL**

58 West 58th St. Apt. 4E New York, NY 10019 212-849-3582 JLudwig@chicagobooth. edu 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.



#### IVAN L. LUSTIG

(Cornell B.S. '80 ORE, M. Eng. '81, M.B.A. '82)

#### DOVER MADISON CAPITAL MANAGEMENT

489 Fifth Avenueis aNew York, NY 10017Pro212-400-2674 (Office)cha917-714-7772 (Cell)ivan.lustig@dovermadison.com

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.



JAMES M. MCCORMICK (Cornell B.S. '69 ORIE, M.Eng.'70

#### FIRST MANHATTAN CONSULTING GROUP

90 Park Avenue New York, NY 10016 212-455-9102 jmccormick@fmcg.com Jim McCormick is chairman and co-founder of First Manhattan Consulting Group and FMCG Direct. During McCormick's more than three decades of serving financial institutions, he has focused on strategy, marketing and financial analysis. Along the way, he has authored over 50 white papers on banking and built relationships with many C-level executives and board members. He 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. Mc-Cormick's philanthropy is focused on education. He is a board member of Mercy College, the Engineering College at Cornell University, and previously served as a national board member of Teach for America.



#### **AVINASH MEHROTRA** (Cornell B.S. '91 EE)

# GOLDMAN SACHS & CO. LLC

200 West Street, 30th Floor New York, NY 10282 212-902-2570 avinash.mehrotra@gs.com

Avinash Mehrotra is a partner of Goldman Sachs & Co. LLC and a senior member of the Investment Banking Division. He is currently global head of the Financial Institutions Mergers & Acquisitions business. Previously, he was co-head of the Mergers & Acquisitions Shareholder Advisory practice. Mehrotra joined Goldman Sachs in 1996 as an associate in the Mergers & Acquisitions Group, and subsequently transferred to the Technology, Media and Telecommunications Group in 2002. From 2010 to 2011, he led the firm's investment banking business for the Middle East and North Africa. He returned to New York in 2012 and headed the Real Estate, Gaming and Lodging Mergers & Acquisitions business. Prior to joining the firm, he held various positions at Intel, Morgan Stanley and McKinsey & Company. He currently serves on the board of trustees of Horace Mann School and the Hunter College Foundation. Mehrotra earned a B.S. in electrical engineering from Cornell University in 1991 and an MBA from Stanford University's Graduate School of Business in 1996. He and his wife, Anjali Sadarangani, live in Mamaroneck with their son, Sajan, and daughters, Amiya and Naina.





DONALD E. MOREL, JR., PH.D. (Cornell M.S. '83 MSE, Ph.D.

#### WEST PHARMACEUTI-CAL SERVICES, INC. (RETIRED)

'84)

Progenitor Capital Partners LLC 79 East Ashland Street Doylestown, PA 18901 610-202-5339 dmorel22@verizon.net 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.

**HOWARD L. MORGAN** (Cornell Ph.D. '68 OR)

#### PARTNER, FIRST ROUND CAPITAL

60 Madison Ave., Suite 1001 New York NY 10010 212-201-0311 (Office) 610-659-3255 (Cell) howard@firstround.com 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, Memsql, 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.



#### **KYLE M. MORK** (Cornell B.S. '02 ChE)

#### **GREYLOCK ENERGY**

500 Corporate Landing Charleston, WV 25311 304-925 6100 (Office) kmork@greylockenergy. com Kyle Mork is president and chief executive officer of Greylock Energy. He began his career with Halliburton Energy Services before moving to Energy Corporation of America where he served in a variety of operations and management-focused roles, ultimately culminating in the role of CEO. In fall 2017 he launched Greylock Energy, a new oil and natural gas, exploration, production and midstream company formed with ArcLight Capital Partners. Mork holds a Bachelor of Science degree in chemical engineering from Cornell University, and has taken masters courses at the University of Southern California in petroleum engineering. He is past-chairman of the board of directors for the Clay Center for the Arts and Sciences and also serves on the Cornell Engineering College Council. He is active in the Young Presidents' Organization and chair of the Mountain State Chapter. He and his wife Kirsten live in Charleston, West Virginia with their three children.



#### RICHARD T. ONG (Cornell B.S. '86 CEE)

#### **RRJ GROUP**

802-804 Man Yee Building 68 Des Voeux Road, Central Hong Kong 203-869-1458 richard.ong@rrjcap.com Richard Ong is the founder, Chairman and CEO of the RRJ Group. RRJ is a leading private equity firm in Asia with approximately \$6 billion under management. Prior to 2008, Ong had a 15-year career with Goldman Sachs. Based in Beijing, he was Co-Head of the Asian Ex-Japan Investment Banking Division. Ong became a Managing Director of Goldman Sachs in 1996 and a Partner in 2000. He was also a member of the Goldman Sachs Asian Management Committee. Prior to his transfer to Beijing, Ong was the Co-President of Goldman Sachs Singapore. He has also had experience working in Hong Kong, and prior to joining Goldman Sachs, worked five years in New York City for Chase Manhattan Bank and Prudential-Bache Capital Funding. Richard graduated from Cornell University in 1986 with a Bachelor of Science and the University of Chicago in 1989 with a Masters of Business Administration.



**DAVID PEREZ** (Cornell, M.Eng. '91)

#### PALLADIUM EQUITY PARTNERS

1270 Avenue of the Americas, Suite 2200 New York, NY 10020 212-218-5176 212-218-5155 (Fax) dperez@palladiumequity. com David Perez serves as the president and chief operating officer of Palladium Equity Partners, a New York based private equity firm. He previously worked in private equity at General Atlantic Partners, Atlas Venture and Chase Capital Partners. Perez serves on the board of directors of Palladium portfolio companies QMax, HyCite and Prince International and previously for Aconcagua Holdings, Capital Contractors, DolEx, Jordan Health Services, Regional Management and Taco Bueno. He is a member of the Council on Foreign Relations, serves as the co-chair of the Cuban Studies Advisory Group at Harvard University, as a trustee of the Trinity School in New York City and as the president of the board of directors of Ballet Hispánico. Perez earned a Diplom-Ingenieur degree from TU Dresden, an M.Eng. in engineering management from Cornell University and an M.B.A. from the Harvard Business School.



#### **JAMES RICOTTA** (Cornell B.S. '81 EE)

#### SIGHTPATH CAPITAL

61 M Street, #2 Boston, MA 02127 781-797-0331 (Phone) 781-790-1022 (Fax) jimricotta@gmail.com Jim Ricotta has more than 30 years of experience in the information technology field as CEO, board member, and Fortune 500 division GM. Currently, he invests in promising startups through his venture fund SightPath Capital. Most recently, he ran app-based food delivery service Foodler, which he sold to GrubHub last summer. Previously, he was CEO and president at Data-Power Technology, Azuki Systems, and SightPath, Inc. He has also been a VP and business unit GM at IBM and Cisco Systems. His functional experience includes engineering, product management, marketing and sales. He has built management teams, launched innovative product lines, acquired marquee customers, and enjoys a long track record of growth in his companies. 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.



#### **SUSIE KIM RILEY** (Cornell B.S. '87 ECE)

#### AQUTO

375 Highland St. Weston MA 02493 508-494-4790 sriley@aquto.com Susie Kim Riley is a serial entrepreneur. With multiple successful exits behind her, her latest venture is Aquto, 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. Aquto's mission is to democratize mobile connectivity worldwide by making it more accessible and affordable through data sponsorships. Prior to Aquto, 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.



### TONY SATTERTHWAITE

(Cornell B.S. '82 CEE)

#### CUMMINS, INC.

301 East Market Street 6th Floor Indianapolis, IN 46204 317-610-4933 (Office) 612-618-1367 (Mobile) tony.satterthwaite@cummins.com Satterthwaite is vice president of Cummins, Inc., and is the president of Cummins' distribution business segment. The segment is the primary sales, service and support channel for the company and employs approximately 16,000 people worldwide. Since 1988, Satterthwaite has held a number of leadership roles at Cummins. He was the President of Cummins Power Generation, led the Company's Southeast Asia region, and the Power Generation business in Asia-Pacific. He was named managing director of Power Generation's operations in Ramsgate, England, in 1999 and promoted to vice president in 2001. Before joining Cummins, Satterthwaite was a general field engineer for Schlumberger. He holds a master's degree in business administration from Stanford University and an undergraduate degree in civil engineering from Cornell University. Externally, Satterthwaite is a director of IDEX Corporation. He has recently moved to Indianapolis and is looking forward to getting involved in the local community.



### DANIEL S. SIMPKINS (Cornell B.S. '80 EE, M.Eng '81)

#### HILLCREST CAPITAL INVESTORS

15245 Shady Grove Rd, Ste 400 Rockville, MD 20850 240-386-0600, x6951 dan@simpkins1.com Dan Simpkins is an experienced entrepreneur who founded and led two successful startup companies: SALIX Technologies and Hillcrest Labs. After 16 years, Hillcrest was acquired by InterDigital, a leading wireless technology company. Simpkins is now CEO of Hillcrest Capital Investors, an LLC dedicated to the investment and development of new technology startups. As CEO of Hillcrest, Simpkins guided the company to introduce groundbreaking user experiences for television and developed exceptional expertise in sensors. Before founding Hillcrest, he led telecommunications pioneer 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. Simpkins is both a business and technical leader: he teaches, writes about and speaks about entrepreneurship, and he holds over 20 U.S. patents. In addition to his business activities, he is a member of the board and executive committee of the Charles E. Smith Jewish Day School, a member of the board of trustees of his synagogue, Kol Shalom, a member of the administrative board of the Cornell University Council and a member of the Cornell University Engineering College Council.



ELISSA STERRY (Cornell B.S. ORE '79, M.S. '80)

#### EXXONMOBIL CHEMICAL COMPANY (RETIRED)

2302 Locke Lane, Houston, TX 77019-6332 713-392-6806 epsvpee@aol.com 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.



**JOHN A. SWANSON** (Cornell '61, B.M.E. '62, M.M.E. '63)

#### ANSYS, INC. (RETIRED)

1551 Saint James Circle The Villages, FL 32162-7648 352-751-1952 (Phone) 352-454-4741 (Cell) john.swanson@ansys.com 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 a Board of Trustees Member Emeritus 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.



### JOSEPH THANHAUSER,

(Cornell B.S. '71 EE)

#### **BYRNAM WOOD, LLC**

1270 Avenue of the Americas, Suite 2900 New York, NY 10020-0023 212-218-6500 (Office) 646-379-7980 (Cell) 212-218-6506 (Fax) 40°45'36.7″ -73°58'48.1″ Thanhauser@byrnamwood.com Joseph Thanhauser is chairman of Byrnam Wood LLC, a real estate investment, consulting and brokerage firm based in New York City. The firm represents clients that lease, buy or develop for their own occupancy, in New York and globally. Their specialty is the conception and negotiation of large commercial transactions. Prior to forming Byrnam Wood, he was a partner in the development of hotel and office properties throughout the U.S. After earning an MBA at Columbia, he spent several years working for Uris Brothers (Uris Buildings Corp.) and at Tishman Realty (now Tishman Speyer Properties). He serves on the Cornell University Council, has endowed prizes/fellowships/laboratories at Cornell, and worked with fellow Cornellian John Foote on creating the statue of Touchdown the Bear, unveiled at Cornell's Sesquicentennial in 2015.



#### MOLLY TSCHANG (Cornell B.S. '85 ChE)

### ABELLA CONSULTING

133 West 22nd Street, 4B New York, NY 10011 650-245-2211 mollytschang@gmail.com

Molly Tschang is founder and CEO of Abella Consulting, a New York-based leadership development and business advisory consultancy that helps senior management teams lead as one cohesive and collaborative unit. Prior to launching Abella, Tschang held executive leadership positions at Cisco Systems and U.S. Filter, where she led the integration of over 80 acquisitions as well as consulting and business development roles at Deloitte and IBM. She gained deep expertise in helping senior leaders navigate rapid change and uncertainty in high-growth environments. Molly holds a B.S. in chemical engineering from Cornell University and an MBA from UCLA with a focus on entrepreneurship. She served as executive director for NetHope and serves on the Cornell Engineering College Council as well as the board of advisors of Relief International. An advocate of social enterprise, Tschang provides pro bono strategic advisory services to Community Solutions, Three Dot Dash, and the NYU Reynolds Program for Social Entrepreneurship. In 2017, Tschang was selected from among 12,000 applicants to be a protégé of Marshall Goldsmith through his 100 Coaches initiative.

#### ANDREW VERHALEN (Cornell B.S. '78 EE, M.Eng./M.B.A. '81)

#### **MATRIX PARTNERS**

260 Homer Avenue, Suite 201 Palo Alto, CA 94301 650-798-1600 (Office) 650-798-1601 (Fax) averhalen@matrixpartners. com Andrew W. Verhalen joined Matrix Partners, a venture capital partnership in 1992. Since then he has led Matrix's involvement in dozens of successful technology companies, including Phone.com, which went public in 1999; SiTera, which sold to Vitesse; and Alteon Websystems, which listed its shares on Nasdaq before being acquired by Nortel Networks. Before joining Matrix, Verhalen helped start Grand Junction Networks, an Ethernet switch business that is now a major division of Cisco. Previously he worked for 3Com, where he built a new division focused on network adapters and hubs. Prior to that, he managed marketing for Intel's flagship microprocessor, the 8086. Today he is working with a few young companies: Ambarella provides HD video and image processing solutions; Panzura provides enterprise cloud storage controllers; Sila Nanotechnologies is developing advanced battery materials. Verhalen received a B.S. in electrical engineering, M.Eng. in electrical engineering and M.B.A. all from Cornell.



#### LISA L. WALKER (Cornell B.S. ChE '86)

#### **DHR INTERNATIONAL**

71 S. Wacker Drive Suite 2700 Chicago, IL 60606 312-972-0580 Iwalker@DHRInternational.com Lisa Walker serves as managing partner of DHR International's Global Industrial Practice Group. Most recently, Walker served as the founder and managing director of Leadership Capital Advisors, a boutique retained executive search firm, where she built the revenue and infrastructure, and managed entrepreneurial growth. Previously, Walker was a senior partner with Korn/Ferry International and a partner with Heidrick & Struggles. Prior to entering executive search, she was with BP Amoco, Air BP, as chief marketing officer for the international jet fuel business. Earlier in her career, Walker served as a management consultant with Bain & Company and A.T. Kearney. She began her career as an engineer at Honeywell Corporation, working in design and manufacturing with Honeywell's solid state electronics division. Walker earned her MBA in finance and economics from the University of Chicago, and her B.S. in chemical engineering from Cornell University. Walker has been honored by the White House as "a Champion of Change for her outstanding leadership in entrepreneurial mentoring, counseling, and training." She serves on the board of the University of Chicago Laboratory School, the advisory board of the Clean Energy Trust, Cornell Engineering College Council and the women's board of the University of Chicago.



#### **CRAIG A. WHEELER** (Cornell '82 MS, '84 ChemE)

#### MOMENTA PHARMA-CEUTICALS, INC.

675 West Kendall Street Cambridge, MA 02142 617-395-5158 Craig\_wheeler@comcast. net Wheeler joined Momenta as CEO in September of 2006. He led the company through the launch of its first complex drug products, including the first generic versions of LOVENOX® and COPAXONE®. In 2011, he was an E&Y Entrepreneur of the Year Regional Award winner. In May 2012, the Boston Globe named Momenta the number one company in their annual Globe 100 survey of top performing companies. Prior to joining Momenta, Wheeler was president of Chiron BioPharmaceuticals where during his five-year tenure the pharmaceutical division's global sales more than doubled. Before that, he was a senior member of The Boston Consulting Group's health care practice. He began his career at Merck's MSDRL research unit. Wheeler is currently a member of the board of directors of Amicus Therapeutics as well as the Association for Accessible Medicines where he previously served as chairman from 2014 to 2016. He also previously served as the chairman of the board of Avanir Pharmaceuticals.



### CANAAN PARTNERS

(Cornell B.S. '78 ME)

ERIC YOUNG

2765 Sand Hill Road Menlo Park, CA 94025 650-854-8092 eyoung@canaan.com Eric Young co-founded Canaan Partners, an early stage venture capital investment firm, in 1987. Since then, Canaan has raised \$4.2 billion in capital, making startup investments in over 430 newly formed companies that span the information technology and healthcare industries. Young led Canaan's investments in IT-based companies such as Copper Mountain Networks, Ebates, Enpirion, International Network Services, Kalpana, Lancope, ONI Systems, SandForce, Spectrian and Visigenic Software. Before starting Canaan, Young was a SVP at GE Venture Capital, and held positions in other GE operating businesses. An active proponent of developing skills in young entrepreneurs, Young serves as an Advisor to several Cornell-affiliated groups, including Entrepreneurship at Cornell, Cornell Silicon Valley, Red Bear Angels, Thayer Ventures, CoVenture and BR Venture Fund. He earned a B.S. in mechanical engineering from Cornell University and an MBA from Northwestern University.



### ECC HONORARY EMERITI MEMBERS 2018

#### **ELIZABETH J. ALTMAN**

(Cornell B.S. '88 ME) 19 Garvey Road Framingham, MA 01701 617 548-2512 ejaltman@alum.mit.edu

#### **KENNETH E. ARNOLD**

(Cornell B.C.E. '63) **WORLEYPARSONS** 3031 Shadowdale Houston, TX 77043 832 335-6715 Ken.Arnold@ WorleyParsons.com

#### **RICHARD A. AUBRECHT**

(Cornell B.S. '66 ME, M.S. '68, Ph.D. '70)

**MOOG INC.** Jamison Road, Plant 26 East Aurora, NY 14052 716 652-2000 daubrecht@moog.com

#### **JAMES BECKER**

(Cornell BSCE '65, MS Structural Eng. '67)

SKANSKA (RETIRED) 94 Juniper Road Belmont, MA 02478 617-484-5046 jmbecker2018@outlook.com

#### **JOSEPH V. BONVENTRE**

(Cornell B.S. '70 EP) BRIGHAM AND WOMEN'S HOSPITAL, HARVARD MEDICAL SCHOOL

Harvard Institutes of Medicine 4 Blackfan Circle Boston, MA 02115-5713 617 525-5960 joseph\_bonventre@ hms.harvard.edu

#### **CHARLES S. BROWN JR.**

(Cornell B.S. '72 ChE, M.Eng. '73) EASTMAN KODAK COMPANY (RETIRED)

638 Fearrington Post Pittsboro, NC 27312 919-542-2064 csbrownjr1950@gmail.com

#### **KENNETH C. BROWN**

(Cornell B.S. '74 ME) ONE EQUITY PARTNERS/JP-MORGAN CHASE (RETIRED) 1112 S. Northlake Drive Hollywood, FL 33019 954 551-0031 kenbro74@gmail.com

#### **JAY W. CARTER**

(Cornell B.S. '71 ORE, M.Eng. '72) **LUCENT TECHNOLOGIES** (RETIRED) 856 Snyder Hill Rd Ithaca NY 14850 908 304-4313 jwc36@cornell.edu

#### **MEI-WEI CHENG**

(Cornell B.S. '72 ORE) SIEMENS CORPORATION (RETIRED) 1202 Building 10 Green Court 777 Bi Yun Road Pudong Shanghai 201206 China mcheng68@gmail.com

#### TIM COSTELLO

(Cornell B.S. '81 ME) **BUILDER HOMESITE** 11900 RR 620 North Austin, TX 78750-1345 512 651-8802 tcostello@builderhomesite.com

#### **ROBERT A. COWIE**

(Cornell B.M.E. '56, M.B.A. '57) DANA CORPORATION (RETIRED)

P. O. Box 2868 Carefree, AZ 85377 480 488-3192 rac56@cornell.edu

#### SCOTT C. DONNELLY TEXTRON INC.

40 Westminster Street Providence, RI 02903 401 457-3560 sdonnelly@textron.com

#### **SARAH T. FISCHELL**

(Cornell B.S. '78 EE, M.Eng. '79) **RETIRED** 71 Riverlawn Drive Fair Haven, NJ 07704 732 758-9654 sfischell@comcast.net

#### SAMUEL C. FLEMING

(Cornell B.Ch.E. '62) BRILAND LLC (RETIRED) 82 Browns Hill Road Sunapee, NH 03782 603-763-1109 nanfleming@comcast.net

#### VIRGINIA L. GIDDINGS, PHD.

(Cornell B.S. '88 ME, M.ENG. '89 ME) **STRYKER NEUROVASCULAR DEVICES** 650 868-1171 virginia.giddings@stryker.com

#### JAMES N. HAUSLEIN

(Cornell B.S. '81 ChE, M.B.A. '84) **HAUSLEIN & COMPANY INC.** c/o Granite Capital 560 Lexington Ave., 10th Floor New York, NY 10021 212 207-8884 jim@hauslein.com

#### WILLIAM J. HUDSON JR.

(Cornell B.E.E. '56) **AMP (RETIRED)** 410 Laurel Drive Hershey, PA 17033 717 533-8893 nit2hawk@gte.net

#### W. KEITH KENNEDY JR.

(Cornell B.E.E. '65, M.S. '66, Ph.D. '68) **CON-WAY (RETIRED)** 36 Prospect Ave.

Sausalito, CA 94965 415 332-1502 wkkjr@comcast.net

#### ANDY KESSLER

(Cornell B.S. '80 EE) **AUTHOR AND WRITER** 75 Catalpa Drive Atherton, CA 94027-2167 650 207-1801 akessler@velcap.com

#### SHAYGAN KHERADPIR

(Cornell B.S. '82 EE, M.S. '83, Ph.D. '87) **CORIANT** 1 Ridge View Drive Atherton, CA 94027 408-234-7777 shaygan@yahoo.com

#### **GRETCHEN KNOELL**

(Cornell B.S. '81 ME) **LAKE STREET CAPITAL, LLC** 388 Market Street, Suite 1300 San Francisco, CA 94111 415 240-4148 gknoell@lakestreetcapital.com

#### **BRIAN KUSHNER**

(Cornell B.S. '78 EP, M.S. '80 AP, Ph.D. '84)

#### FTI CONSULTING

2001 Ross Avenue Suite 400 Dallas, TX 75201 512-329-5156 brian.kushner@ fticonsulting.com

#### **CHARLES R. LEE**

(Cornell B.Met.E. '61) VERIZON COMMUNICATIONS

Verizon 500 Summit Lake Drive Valhalla, NY 10595 914 801-9765 chuck.lee@verizon.com

#### **CHRISTINE M. MAZIAR**

UNIVERSITY OF NOTRE DAME 300 Main Building Notre Dame, IN 46556-5602 574 631-2749 christine.m.maziar.1@nd.edu

# **CornellEngineering**



#### **LOWELL C. MCADAM**

(Cornell B.S. '76 ME) VERIZON WIRELESS VC43E030, 1 Verizon Way Basking Ridge, NJ 07920-1025 908 559-7525 Lowell.McAdam@ VerizonWireless.com

#### VENKATESH NARAYANA-MURTI

(Cornell Ph.D. '65 Physics) HARVARD UNIVERSITY 29 Oxford Street Pierce Hall 107D Cambridge, MA 02138 617-384-8211 venky@seas.harvard.edu

#### **JOHN P. NEAFSEY**

(Cornell B.M.E. '62, M.B.A. '63) JN ASSOCIATES 13 Valley Road Norwalk, CT 06854 203 831-8454 jpnwilson@aol.com

#### **ARMANDO J. OLIVERA**

(Cornell B.S. '72 EE) FLORIDA POWER & LIGHT COMPANY (RETIRED) 641 San Lorenzo Avenue Coral Gables, FL 33146 305-794-8805 armandoolivera1@gmail.com

#### **JUSTIN RATTNER**

(Cornell B.S. '71 EE, M.Eng. '72) **INTEL FOUNDATION** 2111 NE 25th Avenue M/S JF2-96 Hillsboro, OR 97124-6497 503 712-4950 justin.rattner@devonwoodec. com Justin.rattner@gmail.com

#### **ROBERT W. SHAW JR.**

(Cornell B.S. '63 EP, M.S. '64 EE) **ARETÊ VENTURE MANAGE-MENT** P. O. Box 1299

Center Harbor, NH 03226 603 253-9797 aretecorp@roadrunner.com WILLIAM R. SHREVE

#### (Cornell B.S. '69 EP) INNOSAV

26750 Almaden Court Los Altos, CA 94022 650 269-8137 wrshreve@gmail.com

#### **ROBERT SMITH**

#### (Cornell B.S. '86 ChE) VISTA EQUITY PARTNERS LLC

401 Congress Ave., Suite 3100 Austin, TX 78701 512 730-2401 rsmith@ vistaequitypartners.com

#### **DUANE STILLER**

#### (Cornell B.S. '84 ORE) WOOLBRIGHT

**DEVELOPMENT, INC** 3200 N. Military Trial 4th Floor Boca Raton, FL 33431 561-989-2277 dstiller@woolbright.net

#### **ROGER A. STRAUCH**

(Cornell B.S. '78 EE) **THE RODA GROUP** 918 Parker Street, Suite A-14 Berkeley, CA 94710-2526 510 649-2187 roger@rodagroup.com

#### SHERRI K. STUEWER

(Cornell B.S. '73 OR, M.S. '75) **EXXON MOBIL CORPORATION (RETIRED)** 32401 Archdale Chapel Hill, NC 27517 919 904-7056 skstuew@gmail.com

#### JAN H. SUWINSKI

(Cornell B.M.E. '64, M.B.A. '65) CORNING INCORPORATED (RETIRED) 451 Sheffield Road

Ithaca, NY 14850 607 279-3357 jhs20@cornell.edu