Cornell Engineering



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Nadine Aubry is University Distinguished Professor and Dean of the College of Engineering at Northeastern University, and is known for her contributions to 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 as 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, on 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.



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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.



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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.



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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 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.



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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® 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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MICHELE A. KALISKI

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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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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 cochairman of the Museum of the Moving Image.



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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.



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375 Highland St. Weston MA 02493 508 4944790 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.



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301 East Market Street 6th Floor Indianapolis, IN 46204 Office: 317-610-4933 Mobile: 612-618-1367 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.



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15245 Shady Grove Rd, Ste 400 Rockville, MD 20850 240 386-0600, x6951 dan@hillcrestlabs.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 remains CEO of Hillcrest and as InterDigital Executive Vice President for Advanced Sensor Technologies. 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 23 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, a member of the Cornell University Engineering College Council, and a member of the board of private company, Public Relay.



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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.



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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.



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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@byrnam-wood.com 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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