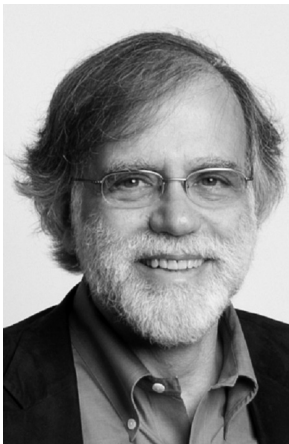


ECC ACTIVE MEMBERS 2015

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



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Dr. James "Jim" Becker is a Corporate Senior Vice President of Skanska USA Building where he has most recently provided leadership for the company's Virtual Design and Construction operation and the Innovation Grant Program. Prior to his current role, 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 Wavecom, 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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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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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.

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Dr. Galvin is Chairman and CEO of Rheonix, Inc., a company developing microfluidic-based molecular diagnostic systems. He is also interim CEO of Mezmerize, Inc. an early stage MEMS device company. Until 2013 Dr. Galvin was the President and CEO of Kionix, Inc., a MEMS company he co-founded in 1993. He currently serves on the boards of Rheonix, Mezmerize, and Bin-Optics. Dr. Galvin was elected to the Cornell University Board of Trustees in 2011; he also serves on the Advisory Council of Cornell's College of Engineering. He has a B.S. in Electrical Engineering from the California Institute of Technology, a Ph.D. in Materials Science and an M.B.A. from Cornell University.

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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 Strategic Research and Development at Abbott Nutrition. At Abbott, she previously 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. She serves on the Executive Committee for the Center for Nutrition, Learning, and Memory at the University of Illinois and on the President's Council of Cornell Women. She founded MedtechWomen, an organization advancing women in leadership in healthcare. Virginia received her Ph.D. in Biomechanical Engineering from Stanford University.

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Michael L. Goguen has been a Managing Partner at Sequoia Capital for over 19 years, where he focuses on infrastructure and technology investments. He is a Director of Cellworks, Click Security, Clickatell, Elevate, Infoblox (BLOX), OpenDNS, Quantenna, R2 Semiconductor, Tula Technologies, Versa Networks, and viPtela. Michael led Sequoia's investments in Ardent (CSCO), Avanex (AVNX), Cumulus Networks, LitePoint (TER), LogLogic (TIBX), MaxComm (CSCO), Monterey Networks (CSCO), Navini (CSCO), Netiverse (CSCO), NetScreen (JNPR), Pipelinks (CSCO), Redback Networks (RBAK), Spatial Wireless (ALU), Springbank (CacheFlow), ThinkFinance, Versatile (VTSS), Virident (WDC), VitalSigns (ALU), Yago Systems (Cabletron), and many others. Before joining Sequoia Capital in 1996, Michael 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). Michael also served as a Technical Chairman of the ATM Forum. Michael 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. While at Merck, he played a key role in the development and demonstration of 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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Ken Goldman is the chief financial officer of Yahoo!. In this role, he is responsible for Yahoo!'s global finance functions including financial planning and analysis, controllership, tax, treasury, and investor relations. Most recently, he was CFO of Fortinet. He served as senior vice president, finance and administration, and chief financial officer of Siebel Systems, Inc. and Excite@Home Corporation and Sybase, Inc. He currently serves on the board of directors of Gigamon, NXP Semiconductor, Yahoo! Japan, Trinet, GoPro, Inc. and several private companies. Mr. 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, a public committee that made recommendations in September 2008 to encourage a more sustainable auditing profession. Mr. Goldman was appointed a member of the Public Company Accounting Oversight Board's Standing Advisory Group ("SAG"), commencing on January 1, 2015. Mr. Goldman holds a B.S. in Electrical Engineering from Cornell University and an M.B.A. from the Harvard Business School.

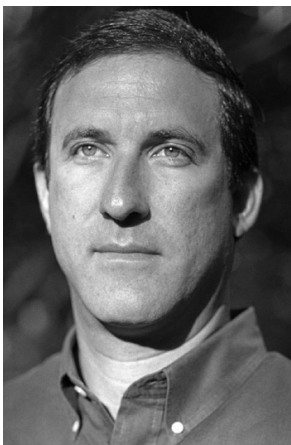


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Brian Kushner is a senior managing director at FTI Consulting, specializing in interim/turnaround management. A serial entrepreneur, Kushner was co-founder of CXO (FTI acquired CXO in December 2008) and founder of its predecessor, BGKC LLC. Kushner 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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Dr. Morel has served as Chief Executive Officer of West Pharmaceutical Services, Inc. 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.

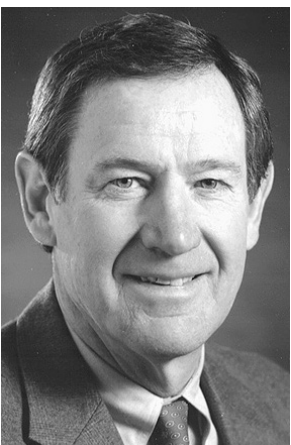


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Evelyn Taylor Pearson, principal, Taylor Pearson Consulting, spent her career in the petrochemical and refining industries at BP and Amoco. She has had leadership roles in research and development, engineering, capital projects, turnarounds, and manufacturing in more than a dozen businesses. She has extensive experience in research management, technical capability, organizational learning, and process engineering, including 10 years in centers of excellence. She holds a U.S. patent and has been published in the *Journal of Catalysis*. Pearson is also an administrator in Pearson Family Ministries and co-hosts a weekly radio program with her husband. She has assisted in planning for Chicago-area Mosaic Events and is a past member of the President's Council of Cornell Women. Pearson was the 2007 Raymond G. Thorpe lecturer for the School of Chemical and Biomolecular Engineering at Cornell.



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Justin Rattner is vice president and chief technology officer of Intel Foundation. He is an Intel senior fellow and managing director of Intel Labs where he oversees Intel's global research efforts in virtually all aspects of information and communications technology. Rattner is responsible for funding exploratory academic research through the company's seven multi-institution, Intel Science and Technology Centers in the U.S. and its five Intel Collaborative Research Institutes at selected locations around the world. In 1989 Rattner was named Scientist of the Year by R&D Magazine for leadership in parallel and distributed computer architecture. In December 1996, he was featured as "Person of the Week" by ABC World News for his work on the Department of Energy's ASCI Red System. He sits on the board of trustees for the Anita Borg Institute for Women and Technology and serves as Intel's executive sponsor for Cornell University.



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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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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. .



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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 president of Swanson Analysis Services, a finite-element consulting firm. He 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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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. Dr. 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, and the UK-based Institution of Engineering and Technology's JJ Thompson Medal for Achievement in Electronics. He is a Fellow of the OSA and the IEEE. In 2011, Dr. Welch founded Students Matter, a national non-profit organization dedicated to sponsoring impact litigation to promote access to quality public education. The victory in its first case, Vergara v. California, gained national attention. He holds a B.S. in Electrical Engineering from the University of Delaware and a Ph.D. in Electrical Engineering from Cornell University.



CRAIG A. WHEELER

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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. In July 2010 Momenta and its collaboration partner Sandoz received FDA approval for the first ever generic Lovenox. In May 2012, The Boston Globe named Momenta the number one company in their annual Globe 100 survey of top performing companies. Craig also serves as the Board Chairman for The Generic Pharmaceutical Association (GPhA) for which he was elected in February of 2014. Prior to Momenta, Craig worked at Chiron Corporation as President, Chiron BioPharmaceuticals, which had products treating cancer, cystic fibrosis, and multiple sclerosis. Prior to joining Chiron, Craig was a senior member of The Boston Consulting Group's health care practice. Craig also served as the Chairman of the Board of Avanir Pharmaceuticals from May 2007 until it was acquired in January 2015 by Otsuka Pharmaceuticals for \$3.5 billion. He holds a B.S. and an M.S. degree in chemical engineering from Cornell University, and an MBA from the Wharton School of the University of Pennsylvania.



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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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