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### **Stanford University (1994 – Present)**

2002-present. Professor (Teaching). *Department of Management Science and Engineering (MSandE)*.

Full professorship with Stanford Academic Council membership and privileges. Two chairs: Endowed faculty position in engineering entrepreneurship and McCoy University Fellow in Undergraduate Education. Courses: Technology Entrepreneurship - Engineering 145, Leadership of Technology Ventures - Engineering 140 (A, B, & C), Entrepreneurial Management – MS&E 276 and the Entrepreneurial Thought Leader Seminar Series – MS&E 472 (all year).

1995-present. Founder and Co-Director. *Stanford Technology Ventures Program (STVP)*.

STVP is the entrepreneurship education and research center for Stanford's School of Engineering, producing its *Mayfield Fellows Program* (a unique work/study program for outstanding Stanford undergraduate students), its *Roundtable for Entrepreneurship Education* (four annual summits of entrepreneurship faculty from top schools held in US, Asia, Latin America and Europe), and its *Entrepreneurship Corner* (a website of video clips and podcasts of leaders in entrepreneurship).

1995-present. Academic Director. *AEA/Stanford Executive Institute*.

AEA/SEI is a leading executive education program for the technology industry jointly produced by the American Electronics Association and Stanford's Management Science & Engineering.

2005. Visiting Professor. *London Business School and University College London*.

1998-2002. Associate Professor (Teaching). *Department of Management Science and Engineering*.

1995-1998. Consulting Associate Professor (adjunct). *Department of Management Science and Engineering*.

1994-1995. Lecturer (adjunct). *Department of Management Science and Engineering*.

### **Education**

1980-1982. Ph.D., Business Administration (Management Science), Haas School of Business, *University of California, Berkeley*. Regents Scholar. Dissertation: "Optimal and Near-Optimal Policies for Discrete Deterministic Dynamic Programming Models."

1978-1980. M.B.A., Haas School of Business, *University of California, Berkeley*.

1971-1975. B.S., Industrial Engineering and Operations Research, *University of California, Berkeley*. Graduation with Highest Honors, Phi Beta Kappa, Tau Beta Pi.

## **Other Teaching Experience**

1994-1995. University of California, Berkeley. Lecturer at Haas School of Business. Courses: Entrepreneurship and High-Technology Marketing Management.

1980-1982. University of California, Berkeley. Lecturer in Industrial Engineering and Operations Research. Course: Engineering Economics.

1979-1982. University of California, Berkeley. Lecturer, Research Assistant, and Teaching Assistant in Haas School of Business. Courses: Information Systems, Computing, and Management Science.

## **Industry Experience**

1995-Present. MyThings and Flywheel Ventures. Board of Directors. Previously served on other venture-backed company boards including Visio (acquired by Microsoft), AlphaBlox (acquired by IBM), and Reactivity (acquired by Cisco).

1994-1998. Interval Research Corporation. Senior Business Advisor. Provided entrepreneurship-consulting services to an advanced technology lab funded by Paul Allen, co-founder of Microsoft.

1990-1993. Slate. President and Co-founder. Managed growth from start-up stage to full supplier of software applications in emerging field of pen and mobile computing. Company's assets sold to Compaq in 1993.

1985-1990. Symantec. Executive Vice President and General Manager. As a corporate officer, led product development, marketing, and support for several product divisions including antivirus and security software during the formative years through its IPO (SYMC).

1982-1985. Digital Research. Group Product Manager. Managed several software product lines including an innovative graphical user interface technology for this software industry pioneer, now owned by Novell.

1975-1977. Accenture (Andersen Consulting). Management Consultant. Designed and installed advanced business systems for mainframes and minicomputers.

## **Stanford University Service**

2007-present University Committee on Undergraduate Standards and Policies (C-USP).

2006-present School of Engineering's Undergraduate Council.

2006-2008 Faculty Liaison, Stanford Board of Trustees (Committee on Development).

2006-present Pre-major Faculty Advisor, Freshmen and Sophomores, Office of Vice Provost.

2004-present Teaching and Courses Coordinator and Various Committees, MS&E Department.

2002-2005 Chairman, University's Committee on Public Events (COPE).

2001-2005 Deputy Department Chair, Department of Management Science and Engineering.

2001-2006 Summer Session Director, Management Science and Engineering.

2001-2002 Host of the Dean's Visiting Committee, Management Science and Engineering.

2001-2002 Search committee for a tenure-line appointment in strategy and entrepreneurship.

2001-2002 Dean's distance learning committee on a potential joint venture between the School of Engineering, Graduate School of Business, and Harvard Business School.

1998-2001 Committee to create the new Management Science and Engineering department.

## **Awards and Honors**

*Gordon Prize*, National Academy of Engineering (NAE), 2008, which is its highest award for teaching and leadership.

*Olympus Innovation Award*, National Collegiate Inventors and Innovators Alliance (NCIIA), 2008.

*Buzz and Barbara McCoy University Fellow in Undergraduate Education*, which is a university-wide, endowed chair given by Stanford for major contributions to undergraduate education, 2007 (renewal).

*Gores Award* at Stanford (university's highest award for excellence in teaching), 2005.

*Kauffman Award* (for excellence in engineering and technology entrepreneurship education), American Society of Engineering Education (ASEE), 2005.

*Outstanding Entrepreneurship Educator of the Year Award*, United States Association for Small Business and Entrepreneurship (USASBE), 2005.

The Stanford Technology Ventures Program was given the *NASDAQ Center for Entrepreneurial Excellence Award* by the National Consortium of Entrepreneurship Centers, 2004.

*National Leavey Award for Excellence in Private Enterprise Education*, Freedoms Foundation, 2003.

*Tau Beta Pi Award for Excellence in Undergraduate Teaching*, Stanford School of Engineering, 2002.

*Buzz and Barbara McCoy University Fellow in Undergraduate Education*, which is a university-wide term chair given by Stanford for major contributions to undergraduate education, 2002.

*Entrepreneurial Service Award*, National Foundation for Teaching Entrepreneurship, 2002.

The Stanford Technology Ventures Program was given the *National Specialty Program Award* by the United States Association for Small Business and Entrepreneurship (USASBE), 2002.

*Edwin M. Appel Prize* for “bringing entrepreneurial vitality to academia” at the Price-Babson Symposium for Entrepreneurship Education, 1999.

*Northern California Entrepreneur of the Year Award* in the “supporter” category of the Ernst & Young-sponsored competition, 1998.

*Innovation in Pedagogy Award*, Academy of Management for the Mayfield Fellows Program, 1998.

## **Books and Academic Publications**

Byers, Dorf, and Nelson: *Technology Ventures: From Idea to Enterprise*, Third Edition, McGraw-Hill Higher Education, 2011 (<http://techventures.stanford.edu>).

Byers and Nelson: “Organizational Modularity and Intra-University Relationships Between Entrepreneurship Education and Technology Transfer,” *University Entrepreneurship and Technology Transfer: Process, Design, and Intellectual Property*, Elsevier, pages 275-311, 2005.

Byers, Keeley, Leone, and Parker: "The Impact of a Research University in Silicon Valley: Entrepreneurship in Alumni and Faculty," *Journal of Private Equity*, Winter, 2000.

Byers, Sutton and Kist: "The Characteristics of Entrepreneurs," Section 1.1, *The Handbook of Technology Management*, CRC Press and IEEE Press, 1998.

Byers and Waterman: "A Dynamic Programming Algorithm to Find All Solutions in a Neighborhood of the Optimum," *Mathematical Biosciences*, 1985.

Byers and Waterman: "Determining All Optimal and Near-Optimal Solutions when Solving Shortest Path Problems in Dynamic Programming," *Operations Research*, 1984.

### **Ph.D. Dissertation Committees**

#### Reading (16)

Melissa Graebner, MSandE (UT Austin)  
Keith Rollag, MSandE (Babson)  
Jeff Martin, MSandE (UT Austin)  
Lea Deleris, MSandE (industry)  
Victor Seidel, MSandE (Oxford in UK)  
Soong Moon Kang, MSandE (UCL in UK)  
Chris Bingham, MSandE (UNC Chapel Hill)  
Jeff Rosenberger, MSandE (industry)  
Ben Hallen, MSandE (Maryland)  
Eric Chen, MSandE (industry)  
Nathan Furr, MSandE (BYU)  
Eric Carr, MSandE (current)  
Ann Miura-Ko, MSandE (current)  
Emily Cox, MS&E (current)  
Sam Garg, MS&E (current)  
Rory McDonald (current)

#### Oral Defense (8)

Ken Ko, MSandE (chair)  
Ted Acworth, ME (chair)  
Kenton Yee, Business (chair)  
Wenlong Weng, MSandE  
Fermi Ashaboglu, MSandE  
John Feland, ME (chair)  
John Taylor, CEE (chair)  
Ning Jia, Business (chair)

### **Advisory and Editorial Boards**

Harvard Business School's California Research Center and Dean's Global Advisors  
UC Berkeley's Center for Entrepreneurship and Technology  
American Society of Engineering Educators' Entrepreneurship Division

Network for Teaching Entrepreneurship's Curriculum Advisory Board  
BASES: Business Association for Stanford Entrepreneurial Students  
World Economic Forum's Technical Advisory Board (Education) and Technology Pioneers Judge

Social Science Research Network's Entrepreneurship Education Section Editor  
Wiley's *Handbook on Technology Management* textbook  
McGraw-Hill's *Annual Editions: Entrepreneurship* textbook

## **Major Research Grants, Sponsorships, and Gifts (Amounts Available Upon Request)**

2007 to present. Sponsorships. STVP Entrepreneurship Corner. *Kleiner Perkins and Cisco*. These gifts provide further support for a website of video clips, podcasts, and resources for entrepreneurship educators and others.

2005 to present. Gift. Endowed Executive Director Position. *Chong-Moon Lee*. This ten-year commitment of funds is used to support the executive director of STVP, who is currently Tina Seelig, Ph.D.

2005 to present. Gift. Mayfield Fellows Program. *Wilson Sonsini (WSGR), Mayfield Fund, and Ron Hertel*. These gifts are used for the continued support of the entrepreneurship work/study program.

2003. Gift. Stanford Technology Ventures Program (STVP). *National University of Singapore*.

2002 to present. Sponsorships. Stanford Technology Ventures Program (STVP). *Draper Fisher Jurvetson, Fenwick and West, and Always On Networks*. STVP's weekly entrepreneurial thought leader seminar program is now underwritten by the venture capital firm of Draper Fisher Jurvetson. Its adjunct professors and associated course expenses are now underwritten by the law firm of Fenwick and West. Our annual innovation summit for industry and academics is jointly produced with Always On Network.

2002 - 2009. Gift. Stanford Technology Ventures Program. *Price Foundation*. This renewal of support in 2002 and 2004 by a founding donor indicated their satisfaction with STVP's accomplishments and progress.

2001 - present. Sponsored Project. STVP Entrepreneurship Corner. *Kauffman Foundation*. This sponsored project allowed STVP to increase its efforts in distributing entrepreneurship teaching resources and tools to other educators at technology schools and universities. These include video clips, podcasts, and curricula.

1999. Endowment and Gift. Morgenthaler Innovation Fund. *Morgenthaler Family*. This endowment supports special projects by STVP under my discretion as its faculty director. It currently funds the grand prize for the campus-wide student business plan competition managed by the BASES student group.

1998 to present. Sponsorships. Roundtable on Entrepreneurship Education (REE). *Accel Partners, Kauffman Foundation, and NCIIA*. These corporate and non-profit organizations provided support for a set of annual global conferences attended by distinguished entrepreneurship educators.

1998. Sponsored Project and Gift. Stanford Technology Ventures Program (STVP). *Kauffman Foundation and Price Foundation*. These funds enabled the formal creation of STVP, which is the entrepreneurship center for the School of Engineering. Hosted by the Management Science & Engineering Department, STVP's mission is to accelerate technology entrepreneurship education and research for engineers and scientists worldwide.

1997. Endowment. Endowed Faculty Position. A group of influential individuals (e.g., Reed Hastings of Netflix) and venture capital firms (e.g., Mayfield Fund and Kleiner Perkins) created an endowed faculty position in the engineering school with an emphasis on technology entrepreneurship. I have held this chair since its inception.

## **Selected Talks, Invited Presentations, and Symposiums (Available Upon Request)**