

Derek Lidow

Education

BSE, Princeton University, 1973, Electrical Engineering, with Highest Honors
PhD, Stanford University, 1976, Applied Physics

Work History

Princeton University

2012 – present

Lecturer, Entrepreneurial Specialist

2011/12 *James Wei Visiting Professor in Entrepreneurship*

Created classes: *Entrepreneurial Leadership*; and *Creativity, Innovation, and Design*; and *History of Entrepreneurship*. Written two well received books on entrepreneurship: “Startup Leadership” and “Building on Bedrock.” Founded and Chaired first conference on using ethnography to study entrepreneurship.

iSuppli

1999 – 2011

Founder and CEO

Founded an enterprise that became the global leader in technology and media market intelligence. iSuppli’s unique methodologies enabled improved processes for managing the global TMT (technology, media, and telecommunications) value chain. Advised many of the world’s governments and largest companies. The company was sold in 2010 to a leading NYSE market intelligence firm (NYSE:IHS) at a record valuation.

International Rectifier (NYSE:IRF)

1977 – 1999

CEO (1995 – 1999)

Held a variety of positions in R&D, engineering, marketing, and management that were instrumental in the growth of IRF’s enterprise value from \$30 million to \$2 billion.

Spectra Physics

1976 – 1977

Senior Engineering Physicist

Commercialized the F center laser

Books

Derek Lidow, *Imperiled: The Story of How Entrepreneurship Has Flourished, How It Has Failed, And What We Can Do To Correct The Course*, Columbia Business Press (New York), to be published 2021.

Derek Lidow, *Building on Bedrock*, Diversion Press (New York), January 2018

Derek Lidow, *Startup Leadership*, Wiley (Hoboken), 2014. Chinese edition 2017 and Japanese edition 2016.

Book Chapters

Derek Lidow, Chapter 13: "A Better Way to Set Strategic Priorities," in *HBR Guide to Thinking Strategically*, Harvard Business Review (2019), pages 137-144

D. Lidow, Chapter 19, "Assembly," in *Tool and Manufacturing Engineers Handbook, Volume 7, Continuous Improvement*, Society of Manufacturing Engineers, 1997, revised 2003

Harris, S. E., Falcone, R. W., Green, W. R., Lidow, D. B., White, J. C., & Young, J. F. (1976). Laser induced collisions. In *Tunable Lasers and Applications* (pp. 193-206). Springer, Berlin, Heidelberg.

Refereed Publications

Derek Lidow, "An Urgent Need for More Ethnographic Study of Business Creation," *Journal of Business Anthropology*, 6(2), Autumn 2017: 127-132

Derek Lidow, Mastering the Project to Process Transition, *Harvard Business Review On Point*, Winter 2016

Lidow, Derek. "Successful Entrepreneurs Are Masterful Leaders [Entrepreneur Viewpoint]." *IEEE Power Electronics Magazine* 2.2 (2015): 60-63.

Lidow, Derek. "Creating a personal leadership strategy." *Leader to Leader* 2015.75 (2015): 37-42.

Derek Lidow, Mastering Supply Chain Politics, *CommsDesign.com*, April 1, 2004

Derek Lidow, Duck Alignment Theory: Going Beyond Classic Project Management to Maximize Project Success, *Project Management Journal*, December 1999

Lidow, Derek. "Surviving the Transition to Total Quality, the History of TQM at International Rectifier." *AUTOFACT*. SME, 1992.

Harris, S. E., Young, J. F., Falcone, R. W., Green, W. R., Lidow, D. B., Lukasik, J., ... & Zdasiuk, G. A. (1981). Laser Induced Collisional Energy Transfer. In *Atomic Physics* 7 (pp. 407-428). Springer, Boston, MA.

D. B. Lidow, R. W. Falcone, J. F. Young, and S. E. Harris, Inelastic Collision Induced by Intense Optical Radiation, *Phys. Rev. Lett.* 36, 462-464, 1976 [errata: *Phys. Rev. Lett.* 37, 1590, 1976]

Harris, S. E., Lidow, D. B., Isotope separation by optically pumped ionizing collisions, *Applied Physics Letters*, Feb 1975

WR Bottoms, DB Lidow, Chemisorption Reactions on High Index ZnS Surfaces, *Journal of The Electrochemical Society*, 122, 1975

SE Harris and DB Lidow, Nonlinear optical processes by Van der Waals interaction during collision, *Phys. Rev. Lett.* 33, 674-676, 1974 [errata: *Phys. Rev. Lett.* 34, 172, 1974]

Other Recent Publications

Note: Derek Lidow is a regular columnist for Forbes.com, writing on leadership and entrepreneurship. His pieces appear approximately 25X per year.

Derek Lidow & Paul Reynolds, "Princeton Longitudinal Entrepreneurial Observatory [PLEO], Proceedings of *Expanding Understanding of Business Creation Conference*, August 2017.

Derek Lidow, "A Better Way to Set Strategic Priorities," *Harvard Business Review*, Feb 13, 2017, https://hbr.org/2017/02/a-better-way-to-set-strategic-priorities?referral=00563&cm_mmc=email-_-newsletter-_-daily_alert-_-alert_date&utm_source=newsletter_daily_alert&utm_medium=email&utm_campaign=alert_date&spMailingID=16556290&spUserID=OTYwNDU4MTIyOTUS1&spJobID=961113623&spReportId=OTYxMTEzNjIzS0

Derek Lidow, "The One Thing You Need to Remember When Assigning Tasks to Your Team," *Fortune*, Aug 12, 2016, <http://fortune.com/2016/08/12/project-process-team/>

Derek Lidow, "Leading a Startup in Stage Four: Self-Sustainability," *Entrepreneur*, May 11, 2016, <https://www.entrepreneur.com/article/270346>

Derek Lidow, "Leading a Startup in Stage Three: Growing Strong," *Entrepreneur*, May 4, 2016, <https://www.entrepreneur.com/article/270344>

Derek Lidow, "Leading a Startup in Stage 2: Operational Validation," *Entrepreneur*, May 1, 2016, <https://www.entrepreneur.com/article/270343>

Derek Lidow, "Leading a Startup in Stage 2: Operational Validation," *Entrepreneur*, April 27, 2016, <https://www.entrepreneur.com/article/270343>

Derek Lidow, "Why Two-Thirds of the Fastest-Growing Companies Fail," *Fortune*, March 7, 2016, <http://fortune.com/2016/03/07/fast-growth-companies-fail/>

Derek Lidow, "How to Find Real Customers for Your Startup," *Entrepreneur*, Feb 18, 2016, <https://www.entrepreneur.com/article/253573>

Derek Lidow, "The 4 Stages of Enterprise Maturity: From Startup to Self-Sustaining," *Entrepreneur*, Jan 14, 2016, <https://www.entrepreneur.com/article/253572>

Derek Lidow, "5 Questions to Help You Find Out Why You Really Want to Be an Entrepreneur," *Entrepreneur*, Dec 3, 2015, <https://www.entrepreneur.com/article/252897>

Derek Lidow, "4 misleading signs of entrepreneurial success," *Fortune*, Sept 15, 2015, <http://fortune.com/2015/09/15/misleading-signs-of-entrepreneurial-success/>

Derek Lidow, "Wising Up to Failure," *Wall Street Journal*, May 1, 2015, <http://blogs.wsj.com/accelerators/2015/05/01/derek-lidow-wising-up-to-failure/>

Derek Lidow, "The bigger market disruptor: gourmet burritos or Chipotle CEO Steve Ells?" *Fortune*, March 3, 2015, <http://fortune.com/2015/03/03/the-bigger-market-disruptor-gourmet-burritos-or-chipotle-ceo-steve-ells/>

Derek Lidow, "Why talent will only take you so far in business," *Fortune*, Feb 3, 2015, <http://fortune.com/2015/02/03/why-talent-will-only-take-you-so-far-in-business/>

Derek Lidow, "Weekend Read: How to Deal with Rival Employees," *Wall Street Journal*, Jan 30, 2015, <http://blogs.wsj.com/accelerators/2015/01/30/weekend-read-how-to-deal-with-rival-employees/>

Derek's numerous other on-line articles for *The Wall Street Journal*, *Harvard Business Review*, *Fortune*, *Entrepreneur*, *Knowledge@Wharton*, among others, are listed and referenced at www.dereklidow.com

Conference Chairman

2017 Princeton – Kauffman Foundation Conference on Ethnographic Approaches to Entrepreneurial Research, see <https://www.princetonkauffman2017.com>

Grant

RG-201604-0273: Ewing Marion Kauffman Foundation, \$77,422 to support a conference on ethnographic approaches to entrepreneurial research

Recent Major Invited Talks

Derek Lidow, "Spurring Innovation At Universities," University of Miami, January 2019

Derek Lidow, "Building on Bedrock," *New York Public Library*, April 25, 2018
Lidow, Pontis, Andersen, *Design Thinking and Engineering Research Workshop*, January 2018

Derek Lidow and Sheila Pontis, "Thinking Outside the Box," United Nations Staff College, Oct 2017

Derek Lidow, "Fostering Innovation in Organizations," United Nations Staff College, Oct 2017

Derek Lidow, "Startup Leadership," *New York Public Library*, Nov 16, 2016

Derek Lidow, "Startup Leadership as a Ticket to Success," *South by Southwest*, April 11, 2016

Other invited talks and presentations are listed at dereklidow.com

Patents

Lidow, Derek. "Supply chain architecture." U.S. Patent No. 7,003,474. 21 Feb. 2006.

Lidow, Derek. "Supply chain architecture." U.S. Patent No. 6,889,197. 3 May 2005.

Lidow, Derek. "Sleep state inhibited wake-up alarm." U.S. Patent No. 4,228,806. 21 Oct. 1980.

Awards

2019 Innovation in Pedagogy Award, given by the Academy of Management, Entrepreneurship Division

FastCompany: 7 Best Business Books of 2018

Outstanding Teaching Award, Princeton School of Engineering and Applied Science, 2014, 2016, 2017

TIME and INC. Magazine, Top Ten Leadership Books 2014

Computerworld Smithsonian Finalist, 1995

1973 – 1976 Hertz Fellow

Ira Young Medal for Research Excellence, Dept. of Electrical Engineering, Princeton University, 1973

Boards

Fannie and John Hertz Foundation Fellowship and Program Council, 2016 - present
Member of the Board, United Silicon Carbide Inc., 2012 – present
Princeton University School of Engineering and Applied Science Leadership Council, circa 1997 – 2011
Chairman of the Board of Directors of iSuppli Corporation, 1999 – 2011
Board of Directors of International Rectifier Corporation (NYSE: IRF), circa 1991 – 2000
Board of Trustees of the Los Angeles Philharmonic, circa 1994 – 1999
Princeton University Department of Electrical Engineering Advisory Council, circa 1975 – circa 1996

Recent Princeton Specific Committees

Co-Chair, Design Thinking Working Group, 2016/7
Co-Chair, Maker Space Working Group, 2016/7
Member, CPUC AY17/18 and 18/19
Member Keller Center/SEAS Building Space Planning Committee
Member SEAS Makerspace Space Planning Committee
Member, Keller Center Executive Committee
Member, Entrepreneurship Certificate Executive Committee
Member, Certificate in Ethnography Executive Committee
Member, Princeton Entrepreneurship Council Faculty Committee
Member, Tiger Challenge Advisory Committee
Member, Healthier Princeton 2012 - 2018
Member, PEAC Curriculum and Co-Curriculum Subcommittee, 2015

Princeton Advising

6X Entrepreneurship Certificate Practicum Advisor
Advisor, Senior Thesis of Kingston Xu, 2015/16