Stanford

Michael Lyons

Instructor, Stanford Engineering Center for Global and Online Education

Bio

BIO

-Co-founded Zilkha Venture Partners; sourced investments that returned 5.8x ; rated Top 5% by Cambridge Associates

-Venture Partner at four other Funds including DFJ/ePlanet I & II, Paladin Capital Group- Deals created $50B+ in market value

-Co-founder, CEO or Chairman or C-Suite of 12 Companies including Integrated Systems (INTS, merged with WIND, acq. by Intel), Shadow Networks acq. by Alcalvio), and CypherPath

(acq. by ManTech); co-founding CEO, SafeView (Acq. By L3-Harris then Leidos) Returned 78% IRR for Series A and 163% IRR for Series B investors

-Currently Chairman PrecisionOSTech (Surgical VR Training); and, formerly, Turbo Protocol (Web 3 Blockchain); co-founder & CEO (emeritus), RapidAscent (Cyber Ed); formerly Director RTI, global

leader in IIoT; Advisor to multiple industrial AI companies leveraging agentic automation and production controls.

Author, Hard Questions, the Tech Venture Builder's Guide, hardquestions.xyz.

-Co-founder, Numerous SCPD exec Ed Programs, Idea to Market online program, Price-Babson Fellow in eShip Education

He is also a Managing Director of NewLine Ventures, LLC, a management consulting firm. From 2008 to 2011, he also served as a Venture Partner with the Paladin Capital Group in Washington, D.C., and as a Venture Partner for ePlanet Ventures I and II. He founded SafeView, Inc. in 2002, a Government Laboratory (PNNL) spinout, to address aspects of the anti-terrorist physical security market; He served as Chairman until its sale to L3 Harris in March 2006. Leidos then acquired the Company in 2020. This technology is now the security standard in airports worldwide.

Concurrently, Mr. Lyons is an Adjunct Lecturer at the Stanford University Department of Civil and Environmental Engineering. Serving in the Stanford position since 1988, he was a co-developer of the Stanford Technology Ventures Program with Prof. Tom Byers and the founding professor of Technology Venture Formation. Engineering. He is the co-creator of the Stanford Innovation and Entrepreneurship two-week program for existing high-tech companies produced and managed by the Stanford Center for Professional Development (SCPD). This program has just completed its 14th year. He has co-produced and delivered numerous other SCPD and STVP programs. He co-founded the Ratio Academy focused on creating training platforms for entrepreneurial education, with a co-developed online program with SCPD called Idea to Market, I2M. He is the founding professor of Tech Venture Formation, MSE273.

From 1980 to 1991, he was a co-founder, a Vice-President, and a Director of Integrated Systems Inc. (INTS, founded 1980), a leading implementer of high-performance real-time control systems for aircraft, automotive, and manufacturing applications. INTS was fundamentally a spinout from the Lockheed Palo Alto Research Lab and Systems Control, Inc. The Company was merged with WindRiver Systems in 1999. WindRiver was acquired by Intel in 2009.

Mr. Lyons received a Bachelor and Masters (equivalent) in Engineering Physics from Cornell University, an MSEE from Stanford, did Ph.D research in Aero/Astro at Stanford (abd) and an MBA, with Distinction, from the Pepperdine Presidential/Key Executive Program. He is a graduate of the Stanford/AEA Institute for the Management of High Technology Companies and a Price-Babson Fellow in Entrepreneurship Education. He holds an FAA multi-Engine Airline Transport Pilot License and Certified Flight Instructor Certificates for Instrument and Multi-Engine Aircraft. He is an avid sailor and motorcyclist.

Publications

PUBLICATIONS

- **REDUCED STATE ESTIMATOR FOR ORBITAL HEADING REFERENCE** *JOURNAL OF SPACECRAFT AND ROCKETS*
  Lyons, M. G., DeBra, D. B.
  1974; 11 (2): 97-100