

Greg Autry - *Curriculum Vitae*

Email: greg@gregautry.us

Education

PhD 2013	University of California, Irvine, The Paul Merage School of Business Management, Economics & Public Policy (+ Strategy Comprehensive)
MBA 2002	University of California, Irvine, The Paul Merage School of Business
BA 1999	California Polytechnic University, Pomona History (+ 72 units of Computer Science)

Academic / Governmental / Non-Profit Experience

Director, Pacific Commercial Spaceflight Initiative, Aldrin Space Institute 2018 – Current
(formerly the Southern California Commercial Space Flight Initiative at the University of Southern California)

Adjunct Professor, Florida Tech / International Space University Center for Space Entrepreneurship, June 2019 – Current (summer entrepreneurship course at Kennedy Space Center)

Assistant Clinical Professor, University of Southern California, Lloyd Greif Center for Entrepreneurial Studies, Marshall School of Business. August 2014 – July 2020

Vice President of Space Development, National Space Society, 2018 – Current

Chair, Safety Working Group of the U.S. Commercial Space Transportation Advisory Committee (COMSTAC), FAA Two-Year appointment by Secretary of Transportation as a Special Government Employee (SGE) to Federal Advisory Committee (FACA). Reappointed for additional two-year term, April 2020 and appointed Chair of Safety Working Group, May 2018 – Current

Member, Presidential Transition Agency Review Team, National Aeronautics and Space Administration (NASA), December 9, 2016 – January 20, 2017

Interim White House Liaison, National Aeronautics and Space Administration (NASA), Temporary Presidential Appointment. January 20 – February 24, 2017

Adjunct Professor, Lloyd Greif Center for Entrepreneurial Studies, Marshall School of Business, University of Southern California. August 2013 – June 2014

Adjunct Lecturer, Paul Merage School of Business, University of California, Irvine. 2003 – 2014

Adjunct Lecturer, Argyros School of Business and Economics, Chapman University. Spring 2013

Entrepreneurial and Professional Experience

CEO, Network Corps

*Enterprise application development firm focused on Health Care solutions for Kaiser Permanente. Apple authorized developer. (Sold network-engineering division to Enhanced Technologies)
January 1997 – August 2014*

CEO, Wired Images

Digital Web Content production for Internet retailers, sold to PlanetRx.com. 1999 – 2000

Technical Services Manager, CompuCom Systems

Managed service operations for IT solutions at CompuCom after being acquired. 1994 – 1997

CEO, Riverside Doctor Micro Computer Services

Apple authorized dealer and Computer services firm sold to CompuCom Systems (NASDAQ: CMPC) in 1994. 1986 – 1994

Programmer, Hemascience Labs / Baxter Fenwal

Software development for medical device. 1984 – 1986.

Software Engineer, Honeywell Training and Control Systems Division

Software for production engineering on various military projects. 1983 – 1984

CoFounder & CEO, HAL LABS

Entertainment Software developer. Founded in high-school, this firm developed Atarisoft PAC MAN for Apple II and was eventually reorganized by my partner as Future Point and sold to Blizzard Entertainment. 1981-1994

Boards and Service

Advisor, Relativity Space

Have advised former USC students Jordan Noone and Tim Ellis since the founding of their 3D Printed Rocket startup. Signed as official Advisor in 2019. Firm has raised over \$175m to date.

Member, Commercial Space Transportation Advisory Committee (COMSTAC), 2018 – Current

Federal Advisory Committee within FAA. Appointed by Elaine Chao, Secretary of Transportation, 2018. Reappointed by Secretary Chao, 2020.

Member of the Board, National Space Society

World's largest non-profit advocacy organization for space settlement. Founded by Werner von Braun (NSI) and Gerard K. O'Neill (L5). 2018 – 2020

Board Member, Interstellar Labs

New Space Startup headquartered in Paris, France. Dedicated to producing enhanced environmental control and life support systems (ECLSS) via a closed environment habitat (biadome) research and eco-tourist destination. Facilities targeted for construction in Mojave California and Kennedy Space Center. 2019 – Current

Board Chair, 121C Inc. / Elevated Materials

Commercial spacecraft carbon fiber upcycling. Manufacturers consumer products including three successful Kickstarter campaigns. USC Student startup. Raised over \$1.5million in private investment. 2014 – Current

Chair, Southern California Commercial Spaceflight Initiative Workshop, Los Angeles, CA.
October 2019

Speakers I recruited included: Lt. Gen. Steven Kwast (USAF ret.); Kevin O’Connell, Director of the Office of Space Commerce; Brigadier General Steven Butow, Defense Innovation Unit.

Chair, International Space Development Conference 2019, Washington DC, Jul. 2019

Speakers I recruited included: NASA Administrator Jim Bridenstine. NASA Associate Administrator for Science Mission Directorate Thomas Zurbuchen, National Space Council Executive Secretary Scott Pace.

Editorial Board, New Space Journal, 2015 – current

Advisory Board Member, Coalition for a Prosperous America, 2017 – Current

Board Member, China California Heart Watch, 2011 – 2012

Board Member, American Jobs Alliance, 2012 – 2016

Member, White House Presidential Transition Team (NASA) 2016 – 2017

Senior Economist, Coalition for a Prosperous America, 2013 – 2016

Member, Advisory Council on Sustainability Education, University of California Irvine, 2012 – 2013

Leader, U.S. Young Scholar & Experts Delegation to the Republic of China (Taiwan), 2012

PhD Class President, The Paul Merage School of Business, University of California, Irvine, 2008

PhD Dissertation

Title: *Governmental Roles in the Emergence of New Communities of High Technology Organizations*

Committee: *Peter Navarro, Claudia Bird Schoonhoven, Yan Gong*

Proposal Defended: July 18, 2012; **Dissertation Defended:** July 25, 2013 **PhD Awarded:** September 2013

Description: This dissertation examined the government influence on the environment in which a new community of entrepreneurial organizations emerges. The research context is New Space, entrepreneurial firms pursuing commercial space launch, satellite and related businesses. This dissertation contributes to the entrepreneurship, community ecology and institutional theory literatures.

Research Interests

Governmental influence on entrepreneurial environments

Commercial spaceflight and UAS policy

Innovation policy, trade policy, technology transfer and national competitive advantage

Publications

Selected Published Academic Papers and Case Studies

Bhattacharya, B., Autry, G & Perry V. 2020 “Rocketing into the Future of Manufacturing”, *Harvard Business School Publishing Case Catalog*

Autry, G. & Obasaju, L. 2018 “Mojave Spaceport: Entrepreneurship in the Public Sector”, *Harvard Business School Publishing Case Catalog*

Autry, G. September 2018. “Commercial Orbital Transportation Services: A Case Study for National Industrial Policy,” *New Space Journal*. Vol. 6, No. 3.

Autry, G., Huang, L. 2014. “An Analysis of the Competitive Advantage of the United States of America in Commercial Orbital Human Spaceflight,” *New Space Journal*. 2(2): 83-110 Based on research commissioned by the FAA Office of Commercial Space Transportation

Autry, G., Huang, L. 2016 Strawther, Zhu, “XCOR Aerospace: New Space, New Place?”, *Harvard Business School Publishing Case Catalog*

Autry, G., Huang L., Dann, Kim, Siward, “RelishMIX: Building Social Media Management Tools for Hollywood”, *Harvard Business School Publishing Case Catalog*

Autry, G. 2011. “Space Policy, Intergenerational Ethics and the Environment,” *Proceedings of the American Institute of Aeronautics and Astronautics Annual Conference (SPACE 2011)*, AIAA 2011-7033

Academic Conference Papers and Presentations

Autry, G. and Davidian, K. 2019, "Process Approach for Organizational Change and Innovation Research", Research Caucus, Academy of Management Conference, Boston MA. Panel: Andy Van de Ven, Jennifer Woolley, Andy Aldrin

Autry, G. and Davidian, K. 2014 "Overview of U.S. National Competitive Advantage in Human Orbital Spaceflight," *Proceedings of the American Institute of Aeronautics and Astronautics Annual Conference (SPACE 2014)*

Huang, L. and Autry, G. "Rebels with a Cause: Perceptions, Beliefs, and the Cooperative Dynamics of Entrepreneurs in the Emergence of the New Space Industry," This paper was accepted for presentation at the 2014 Babson College Entrepreneurial Research Conference

Published Book

Navarro, P. and Autry, G. 2011. *Death by China: Confronting the Dragon, A Global Call to Action*. Prentice Hall / Pearson. Amazon Bestsellers Rank (4/25/2018): #3 International Economics, #5 Political Freedom, #1 Trade & Tariffs

Textbook Contracted for Publication

Autry, G. *Small Business Management: The New Entrepreneurial Dynamic*. Proposal was peer reviewed and has been accepted for publication by Flatworld. The anticipated publication date is Fall 2020

Book in Progress

Autry, G. *The Meek Shall Inherit the Earth: The Entrepreneurial Space Race*. This book will survey the entrepreneurial teams creating spacecraft technology startups in the emerging community known as "New Space"

Selected Business Press Articles

Autry, G. September 20, 2019 "President Trump's China Policy is Working, but You'd Never Know if From the Media Reports," *LA Times*

Autry, G. June 20, 2019 "Space Research Can Save the Planet - Again," *Foreign Policy*

Aldrin B. and Autry, G. September 20, 2017 "It doesn't take a rocket scientist to run NASA", *Space News*

Autry, G. 2012 "New Space", *Global Trade*: 82-91.

Autry, G. and Navarro P. 2009 "Leveraging Business Cycle Ups and Downs," *Financial Executive Magazine*: 36-41

Forbes Contributor (regular)

Numerous other pieces in: Space News, The San Francisco Chronicle, The Los Angeles Times, The Orange County Register, The Baltimore Sun, Huffington Post

Documentary Film

Navarro, P. (Director); Addis, M.; Autry, G.; Zarinko, J.; (Producers); Sheen, Martin (narrator), *Death by China*, 2012

Selected Conference Presentations and Panels

“China US Trade Tensions”, *UBS European Conference*, London, UK. November 12, 2019

“The Economist Debate: Free Trade”, *World Trade Symposium* (The Economist), New York City, November 7, 2019.

“Mission Opportunities: Gateway to the Three Comma Club”, Panel Moderator with: General Seven Butow; Col. Charles Miller Belmont; Tow Cwik, NASA JPL; Steven Isakowitz, CEO Aerospace Corp. *Air Force Space Pitch Day*, San Francisco, CA. November 6, 2019

“Failure is an option: Lessons from the Commercialization of U.S. Spaceflight”, *UDIP Conference*, Oxford University, UK. Plenary Session, August 1, 2019

“Japan - U.S. Conference on Peace in Northeast Asia 2019”, Panelist with former senior US, Japan, Korea, China diplomats and military leaders, Tokyo Japan, January 17, 2019

“Space Force”, Panel Moderator with: Doug Loverro, former Deputy Sec. Def.; Terry Virts, former NASA Astronaut; George Nield, Former FAA Ast. Admin.; Brian Weeden, Secure World Foundation. *Politicon*, Los Angeles, CA, October 12, 2018

“Commercial Space Regulation” Panel Moderator with: Rep. Dana Rohrabacher, Dr. George Nield, Lorretta Whitesides. *International Space Development Conference*, Los Angeles, CA, May 27, 2018

“Funding Innovation” *Space Symposium, Tech Track Speech*, Colorado Springs, CO, May 14, 2018

“Space Policy in the Trump Age” *Space Technology and Investment Forum*, Plenary Session, August 30 2017

“Commercial Spaceflight” *Heritage Foundation, Eagle Forum Collegians Summit* Washington, D.C., July 19, 2017

“The View from Beijing: Chinese Space Efforts Past, Present and Future” *Space Technology and Investment Forum*, Plenary Session, August 2016

“Debate on the Trans Pacific Partnership v. Dan Ikenson, CATO” *American Manufacturing Strategies Summit*, Costa Mesa, California, November 2015

“Overview of U.S. National Competitive Advantage in Human Orbital Spaceflight” *American Institute of Aeronautics and Astronautics (SPACE 2014)*, San Diego, California, September 2014

“Overview of PARTS Analysis”, *Emerging Space Industry Leaders Workshop*, Stanford University Department of Aeronautics and Astronautics, Stanford, California May 29-30, 2014

“Space Policy, Intergenerational Ethics, and the Environment” *American Institute of Aeronautics and Astronautics (SPACE 2011)* Long Beach, California, September 2011

“California’s New Space Industry”

Panel Moderator, *California Democratic Party Convention*, Sacramento, California, April 29, 2011

Congressional and Parliamentary Testimony and Presentations

“China's Endgame Strategy - Leveraging US Capital and Research to Leapfrog America in Cyber, Military and Space Tech” *Congressional Defense Forum Foundation Policy Forum*, Capitol Hill, Rayburn Congressional Office Building, Washington, D.C. June 23, 2017

“Cyber Attacks: An Unprecedented Threat to U.S. National Security”

Testimony to the U.S. House of Representatives, The U.S. House Foreign Affairs Subcommittee on Oversight and Investigations, Washington, D.C. March 21, 2013

“The Price of Public Diplomacy with China”

Testimony to the U.S. House of Representatives, The U.S. House Foreign Affairs Subcommittee on Oversight and Investigations, Washington, D.C. March 28, 2012

“Exposing the Cost of China's Cyber Assault Against America”

Congressional Defense Forum Foundation Policy Forum, Capitol Hill, Rayburn Congressional Office Building, Washington, D.C. September 20, 2013

“Grounding China’s Reality Distortion Field”

Presented at the House of Commons, Ottawa, Canada, November 2, 2011

Grants

FAA Office of Commercial Space Transportation grant, \$65,000 annually sub-award via the Aldrin Space Institute, Florida Institute of Technology. Raised matching funds from industry participants including Deloitte, SpaceX, Virgin, Aerospace Corp, JPL and NASA Ames. *Pacific Commercial Spaceflight Initiative*

Interdisciplinary Teaching Grant, \$20,000, Greg Autry (Marshall School of Business), Dana Milstein (Dornsife College of Letters, Arts and Sciences - Writing Program), and Vahe Perroomian (Dornsife College of Letters, Arts and Sciences - Physics and Astronomy) - *Terraforming Mars: A Sustainable Habitation and Development of Humanity's Second Home*

Awards & Certifications

FAA Remote Pilot in Charge Certification (commercial drone operator part 107), April 2017

Microsoft MCSE (certified systems engineer), 1997

Cisco CCNA (certified network administrator), 1998

PhD (peer) Teaching Awards 2010 and 2011, “Good with MBA Students Award” 2012

2012 - Outstanding Teaching Assistant: Full Time, Fully Employed, and Executive MBA cohorts

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