Larry Bell Professional Background

US Air Force FAA-certified Air Traffic Controller (1956-60):
Talked in aircraft with radar under low-visibility conditions…served at Chanute Air Force Base in Illinois with final year on a small facility in Sondresfjord, Greenland.

BArch, University of Illinois (1961-1967):
While also working full time during that period, won the National ALCOA Award for my patented design of a mass transportation system called "Synchroveyor" featured in numerous leading national architecture and engineering magazines. The University of Illinois System board chairman was my patent attorney.

MS Industrial Design, University of Illinois (1967-1969):
Immediately upon graduation was invited to head that graduate program.

Headed University of Illinois Industrial Design Graduate Program (1969-1976):
Was promoted through the ranks from Assistant Professor to Full Professor.

Headed the National Crime Prevention Through Environmental Design (CPTED) program for US Department of Justice – Law Enforcement Assistance Administration, Washington DC (1976-1978):
Established national CPTED demonstration programs in Portland, Oregon, Minneapolis, Minnesota and Ft. Lauderdale, Florida - and published extensively on these topics.

Professor, University of Houston College of Architecture (1978-Present):
Initiated funded space research/design space station and lunar base studies that gained international attention…introduced 5th year and graduate level degree-eligible teaching studios.

Founded/Directed the Sasakawa International Center for Space Architecture (SICSA):
SICSA was established with a $3 million gift endowment I secured. Academic programs have since attracted/graduated hundreds of international graduates. SICSA research/design work has received two certificates of appreciation from NASA Headquarters for contributions to advanced design.
SICSA was also the original co-founding partner of International Space University (ISU) and provided ISU's space architecture programs during years before establishing its own permanent campus.
I was succeeded as SICSA Director by five-Shuttle-mission Astronaut Bonnie Dunbar when its academic programs, management and endowment were transferred to the University of Houston Cullen College of Engineering.
SICSA is subsequently very ably directed by SICSA graduate and long-time research/design faculty supporter Dr. Olga Bannova…and I now continue to support SICSA as a graduate thesis advisor.
SICSA is also supported by adjunct teaching faculty members Larry Toups and Chris Kennedy, both of whom are recently retired NASA space architects and former SICSA graduates. Majin Chen, another SICSA grad, heads the new space architecture center at the NASA Johnson Space Center.

Co-founded Bell & Trotti, Inc. (BTI)(1980):
BTI was a nationally/internationally prominent Houston-based 20-30-person space architecture firm that conducted significant research/design trade studies and mockup fabrication for NASA Johnson Space Center, Marshal Spaceflight Center and numerous

major aerospace companies including Boeing, Martin Marietta on Space Station Freedom and other projects.

Co-founded Space Industries, Inc. (SII) (1982):

I originally conceived the Industrial Space Facility (ISF) and served as Senior VP under CEO Max Faget, former Chief Engineer at NASA JSC. Neal Armstrong was on our board, as were the first two NASA JSC Directors, Robert Gilruth and Kriss Kraft.
SII initially raised $38 million in private start-up equity. Boeing and Westinghouse became early SII corporate partners. Five Shuttle-mission Astronaut Joe Allen later replaced Max as CEO.
SII grew through mergers and acquisitions with Calspan and Viridian to employ more than 8,000 technical professionals; went public on the New York Stock Exchange, it and was purchased by General Dynamics ($1.5 billion).

Co-founded International Space Enterprises (ISE)(1990):

ISE, a 30-50-person San Diego-based research/design/fabrication firm, developed and manufactured teleoperated rovers provided to JPL and other entities through a joint venture with Lavochkin (Russia) that developed the Russian Lunahod moon rovers. ISE also collaborated with Lovochkin to design a lander capable of delivering a one metric ton payload to the lunar service that could be launched aboard a Russian Proton rocket.
ISE developed/flew a 4-foot-long Pepsi Cola mockup from the Russian Mir Space Station that was photographed by US Astronaut Shannon Lucid for a Superbowl commercial, and also placed a 30 ft. tall Pizza Hut logo on the Russian Proton rocket that launched the first (Service Module) to the International Space Station.
ISE spun-off a subsidiary company, ISE Research, that designed and manufactured drive trains for the first commercial hydrogen fuel-cell-powered vehicles applying, in part, advanced motors developed by General Dynamics to gimble rocket engines. Projects included municipal buses, aircraft tow vehicles for United Airlines, and mid-range trucks for Kenworth.

Endowed Larry Bell Professorship of Space Architecture (2015-Present):

Spacehab Corp. and the University of Houston established a $150,000 interest-earning endowment in my name which will provide an honorary stipend to future SICSA faculty.

Senior Visiting Scholar, Texas Public Policy Foundation (TPPF) (2020-Present):

Appointed to TPPF in 2020 to plan and implement influential research/analytical programs that provide expert policy advice on diverse issues to the Governor's Office, Congressional leaders, and the Texas Higher Education Board. In this capacity I have organized and introduced three video panel discussions involving prominent Texas legislators and academic representatives.

Recent Publications Authored:

Since 2011, I have written 7 books on a wide variety of topics including climate change, how creative thinking occurs, how information technology and AI are transforming society, cyberwarfare, and the most recent this year, a history of the Universe titled "How Everything Happened, Including Us."
I am currently co-authoring a book with my very close long-term friend Buzz Aldrin titled "Beyond Flagpoles and Footprints," a history of international space development. I will also release a new book early next year titled "What Makes Humans Truly Exceptional?"

I have written well over 700 online and print articles addressing a wide variety of topics in Forbes, Newsmax and other leading national magazines over the past decade. My online readership sometimes exceeds 1.5 million viewers/article.
I also frequently (more than weekly) participate in national radio and TV interview shows.

International Space Recognition Awards:

I hold two of the highest honors awarded by the former USSR's prestigious Academy of Astronautics and Cosmonautics: the distinguished "Yuri Gagarin Diploma" and the "Konstantin Tsiolkovsky Gold Medal" for contributions to international space development.
My name was placed in large letters (along with four other individuals) on the side of the Russian Proton rocket that launched the first crew to the International Space Station.
I also received the "Space Pioneer Award" for contributions to international space developments from Kyushu Sangu University in Japan.

Professional Memberships/Honors:

Associate Fellow, American Institute of Aeronautics and Astronautics (AIAA)
Emeritus Fellow, Explorers Club (invitation-only membership).
Lifetime Associate Member, American Society of Civil Engineers (ASCE)