

Ed Warnock

Ed works internationally with both private and public organizations to plan and lead strategic change. He writes, teaches, and consults on leadership, and strategy execution.



Professional

2010 – Present CEO, [The Perlan Project](#), Inc.

From a 2018 Royal Aeronautical Society medal citation:

“The Perlan 2 is a pressurized, two-place, space capsule with glider wings designed to use only the power of stratospheric mountain waves to fly as high as 90,000 feet to explore very high-altitude aerodynamics and to perform research in “near space”... This unique research aircraft is the product of a group of extraordinary aerospace engineers, pilots, meteorologists, scientists, and supporters.”

In 2018, the Perlan II research glider set three world altitude records. On September 2, 2018 it reached 76,124 feet surpassing the highest altitude of the U-2 and became the “highest flying, piloted, subsonic airplane in history.” **The project has received honors and awards from:**

- Two-time nominee for the Collier Trophy for “for the greatest achievement in aeronautics or astronautics in America” in 2018 and 2019
- The Society of Experimental Test Pilots, Kincheloe Award, recognizing “outstanding professional accomplishment in the conduct of flight testing”
- The Society of Flight Test Engineers, McDonnell Award for “outstanding team achievement in the field of flight test engineering”
- Aviation Week Laureate for commercial aviation “technology and innovation”
- Fédération Aéronautique Internationale, Group Diploma of Honor
- Soaring Society of America, Exceptional Achievement Award

1984 – Present **Managing Partner, Cumulus Resources, LLC.** Cumulus Resources works with companies and government agencies in the area of strategic planning and managing strategic change. Clients are in the United States, Canada, SE Asia, and Africa.

1995 – Present **Oregon Executive MBA.** Academic Director, 2012 - Three-time recipient of the “Excellence in Teaching” award.

Education

- MA, Whole Systems Design, Antioch University 1993
- BS, Aerospace Engineering, University of Arizona, Honors and High Distinction 1968
- Air Force Russian language program, Syracuse University 1962

Professional Experience

- CEO of the Perlan Project, a non-profit organization doing high altitude research
- COO of an oil field services company in Texas
- Director of an international development project in Sudan, Africa
- Board of directors of JAARS, an international development agency
- Thermodynamics research engineer, Michelson-Morley Laboratory, China Lake, CA
- Russian linguist for the US Air Force
- Bush pilot in Africa and the Philippines, FAA commercial, instrument pilot, A&P mechanic

Publications, Presentations, and Courses

- Stratospheric research, Darmstadt Technical University, Germany
- Leading high-performance teams
- Leading when you are neither the smartest nor most experienced person on the team
- “Strategic Management” an MBA class
- “New Venture Planning” an MBA class
- “Managing in the Future” an MBA class
- “Strategic thinking and decision making,” an executive development class
- “Process mapping and improvement,” an executive development class
- The Change Management Body of Knowledge (ChangeBOK)
- “Balanced Scorecard for the Health Industry” professional development seminar
- “Performance Management for Teams and Organizations”
- “Balanced Scorecard: A context for clean execution”
- “Twelve Techniques to Improve Project Estimates”
- “Business Case Writing”
- “Change planning and change management”
- “Managing Performance with an Earned Value Management Systems”
- “Requirements Clarification on Strategic Projects”
- “Managing Project Portfolios for Strategic Results”
- “Outcome Driven Project Management”
- “Decision-Making and Design Techniques for Groups”
- “Catalytic Leadership,” leadership in complex organizations and communities
- “Reengineering Systems”
- “Transition Management – The People Part of Strategic Change”
- “Virtual Teams – Building Teams Across Organizational Silos”
- “Leading in Chaotic Systems”
- “Future Directions in the New Economy”
- “Management Skills Required in the New Economy”
- “Strategies to Be Successful in The New Economy”
- “Building Community Leadership,” Douglas Center, Washington DC
- “Leadership Lessons from Chaos Theory and Game Theory”
- “Systems Change and Empowerment”
- “Value Chain Reengineering”

Computer tools

- Schedule and budget performance charting (Modified Earned Value)
- The strategic planning and strategy execution tool set
- Strategy Initiatives Selection Matrix
- Executive alignment matrix
- Strategy canvas (Value proposition performance tracking)
- Risk management tool set
- The change planning and change management tool set
- Lean Management Excel tool set