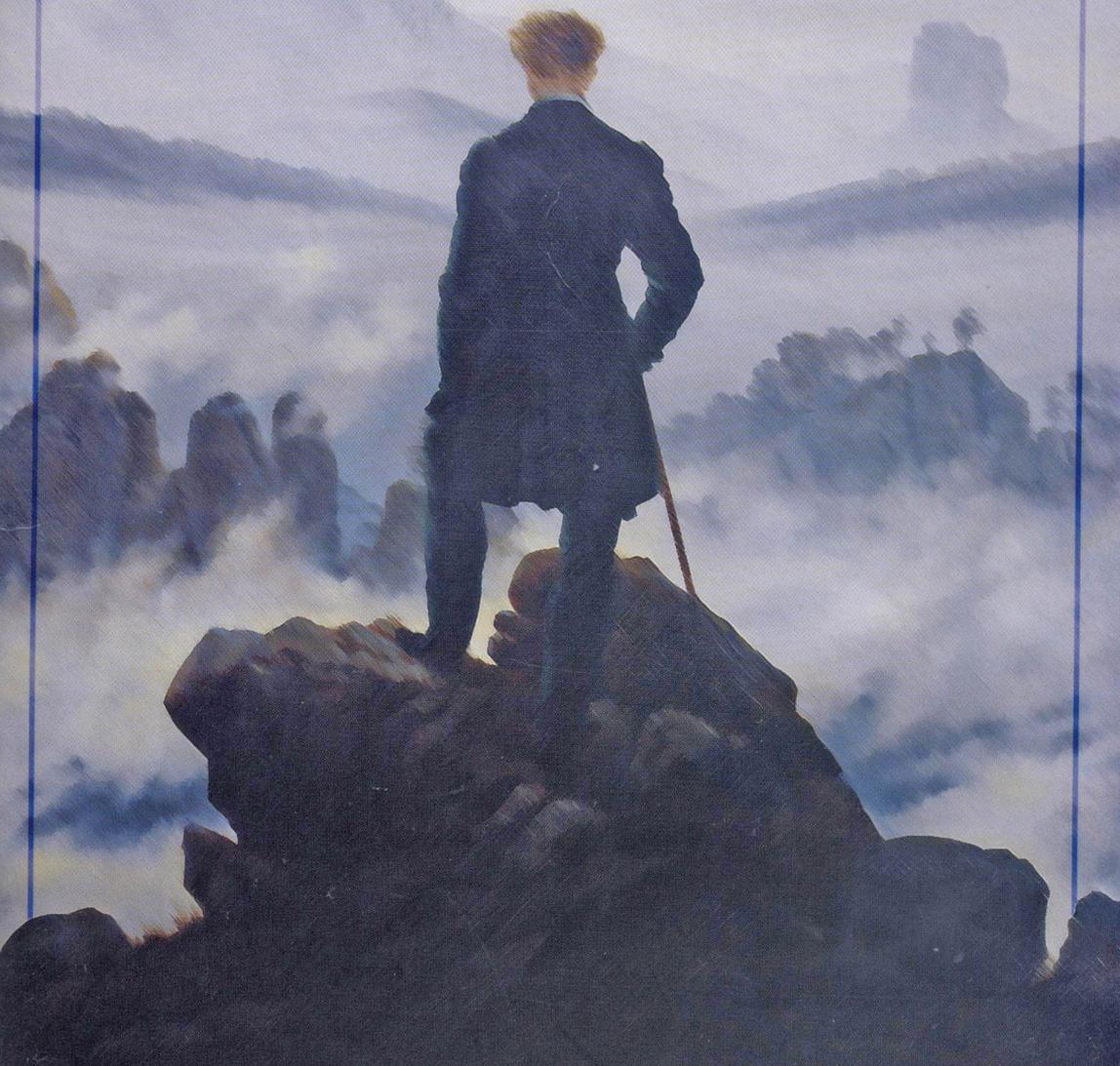


THE EXPLORERS CLUB
PROUDLY PRESENTS

the 2014
LOWELL THOMAS
AWARDS DINNER

IMAGINATION in EXPLORATION



OCTOBER 10-12, 2014



THE BOWERS MUSEUM

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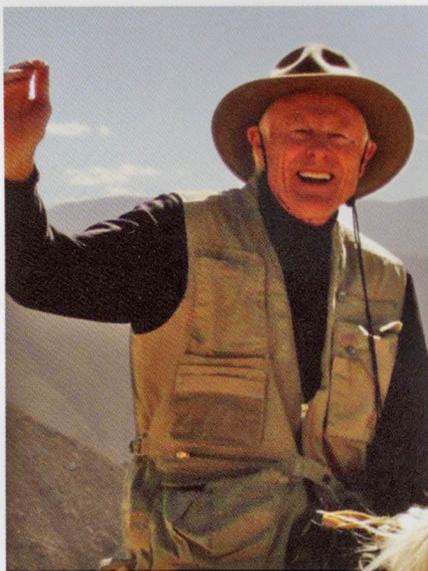
THE BOWERS MUSEUM

ALAN NICHOLS, J.D., D.S. FN '84

PRESIDENT

The theme of tonight's program is imagination. Usually underrated, it is the key to all exploration. Science is a state of systematic knowing. Imagination is something that is not known. Like exploration, neither is going anywhere unless they are used in a close partnership.

A lot of the philosopher nihilists tell us nothing is "real". All we think or even do is illusory, really imaginary. That's a little beyond my comprehension, but I concede imagination is the *sine qua non* of exploration. Imagination must begin our every expedition and always does. We assume it comes naturally. That is true, but that masks the fact that imagination can be developed as a tool for exploration, a tool for life itself.



Nowadays, a good deal of academic and practical work has been done about increasing creativity and imagination. These abilities need to be trained, nurtured and recognized consciously. As all the trainers, physical therapists, coaches, psychologists, and teachers tell us, "use it or lose it!" That's certainly true with imagination.

An element of developing imagination is specific practice: like thinking and talking about your next expedition especially with other fellow explorers. Like our awardees tonight—Sheldon Breiner, Chris Fisher, David Gallo, Rosaly Lopes, Frederik Paulsen, and Edward Roski—men and women who did not accept the limitations and wisdom of their times "that it couldn't be done." They imagined it could!

A handwritten signature in black ink, appearing to be 'AN', written in a cursive style.

Alan Nichols, President

DON WALSH, PH.D. MED '61

HONORARY PRESIDENT



Don Walsh went to sea with the Navy a half century ago. Enlisting as an Airman in 1948, he retired as a Captain in 1975. After graduation from Annapolis he served in submarines, including command of USS Bashaw in the late 1960s. Naval service included both Korean and Vietnam wars.

In addition to submarines, Walsh was designated the Navy's first deep submersible pilot when he had command of the Bathyscaph Trieste from 1958-1962. In 1960 he and Jacques Piccard piloted Trieste to the deepest place in the world ocean...seven miles down in the Marianas Trench. For the past 40 years he has remained active in the design, construction and operation of deep submersibles. Walsh has also worked at

the North and South Poles and has made 30 expeditions to the Arctic and 20 to the Antarctic. From November 2002 to February 2003 he made a 70-day circumnavigation of the Antarctic continent on a Russian icebreaker.

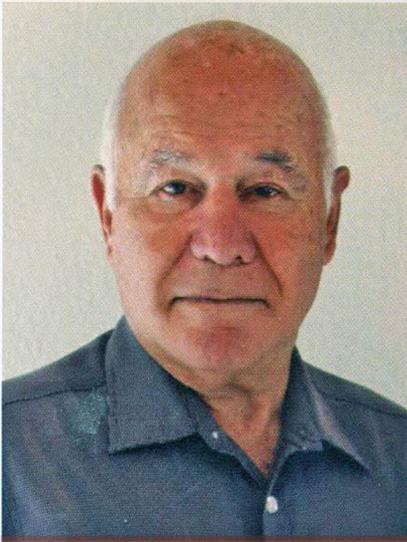
A mountain ridge, "The Walsh Spur," is named after him in the Antarctic.

He has a B.S. from the US Naval Academy; M.S. and Ph.D. in oceanography from Texas A&M University; and an M.A. in political science from San Diego State University.

After Navy retirement 1975, Dr. Walsh became dean of marine programs and professor of ocean engineering at the University of Southern California. Leaving USC after 10 years he started International Maritime Inc. a consulting practice that he still heads. Walsh served for six years as a Director of The Explorers Club, which elected him as an Honorary Life Member and Honorary Director. He is a recipient of the Club's Lowell Thomas Medal and its highest award, The Explorers Medal. He lives Dora Oregon, population 10. When not working around his ranch, he flies his experimental biplane.

SHELDON BREINER, PH.D. FE '78

HONOREE



A distinguished entrepreneur, inventor, and geophysicist, Sheldon Breiner specializes in exploration, scientific, and cultural research to uncover hidden objects, historical places, and other mysteries noninvasively, most commonly using technology applying of the principals of magnetics and measurements with high-sensitivity magnetometers.

Dr. Breiner is a pioneer in the unconventional use of magnetometers and has been challenged to use this technology to accomplish everything from earthquake prediction to developing what is now the world standard for security at airports. Some of his most significant discoveries include over one hundred monuments buried in the Mexican jungle such as ten-ton carved heads

from the Olmec civilization. Sunken US submarines, Vietnam tunnels, Etruscan tombs in Italy, the largest uranium and diamond deposits in the world, and the axle from the first Ferris wheel buried under a street in St. Louis are just a few of his multifarious discoveries.

His current work involves analyzing the dramatic manifestations of biological magnets in an organelle (magnetosomes). This has resulted in possible explanations for three widely different mysteries: a hypothesis for the mass extinction on Earth 550 million years ago; a source of magnetic signals over oil fields; and a possible breakthrough in explaining, and consequently preventing, Alzheimer's disease.

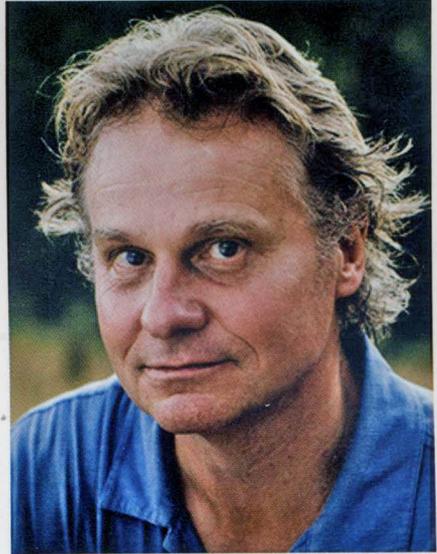
In addition to his extensive field work, Breiner is also an accomplished author and lecturer. His published topics range from entrepreneurial tactics to several hundred technical papers and the industry-standard reference on the use of magnetometers for geophysics, military, and archeological purposes.

WADE DAVIS, PH.D. HON '87

KEYNOTE SPEAKER

As an ethnographer, writer, photographer, and filmmaker, Wade Davis is a passionate defender of life's diversity. His work has taken him to some of the most remote regions of Human habitat, including the Amazon, Tibet, Mongolia, Polynesia and New Guinea. Living for extended periods among indigenous communities, he has learned and recorded their complex rituals and customs, including their use of plants as food, medicine and psychotropic agent.

Wade Davis is the author of numerous books including *The Serpent and the Rainbow* (1986), *One River* (1996), *The Clouded Leopard* (1999), *Light at the Edge of the World* (2001), and *The Lost Amazon* (2004). In 2009 he delivered the CBC Massey Lectures, Canada's most prestigious intellectual forum, which were published as his book, *The Wayfinders: Why Ancient Wisdom Matters in the Modern World* (2009). His book, *Into the Silence: The Great War, Mallory, and the Conquest of Everest*, won the 2012 Samuel Johnson Prize, which is one of the world's top non-fiction prizes. His many film credits include *Light at the Edge of the World*, an eight-hour documentary series produced for the National Geographic Channel. Davis was featured in the 2008 MacGillivray Freeman IMAX film, *Grand Canyon Adventure: River at Risk*. Davis earned degrees in anthropology, biology, and received his Ph.D. in ethnobotany from Harvard University. In 2002, he was awarded the Lowell Thomas Award and in 2011, he received the club's highest award, the Explorers Club Medal. He is one of twenty Honorary Members of The Explorers Club, a Fellow of the Royal Geographical Society and an Honorary Member and Fellow of the Royal Canadian Geographical Society. In 2009 Davis received the Gold Medal from the RCGS for his contributions to the fields of anthropology and ethnobotany, and for drawing public attention to the emerging crisis of endangered cultures.



Professor Davis served as Explorer-in-Residence at the National Geographic Society from 1999 to 2013 and has been named by the NGS as one of the Explorers for the Millennium. In July he became a Professor of Anthropology and the LEEF Chair in Cultures and Ecosystems at Risk at the University of British Columbia.
