

RESUME
NARRATIVE OVERVIEW

Richard A. Boolootian, Ph.D

Educational Background

Richard A. Boolootian has over 48 years of experience in teaching writing, research and media production. He holds a B.A. and M.A. from California State University Fresno and a Ph.D. from Stanford University. He also holds a life, State of California Secondary teaching credential. From 1957 to 1967 he served as an Associate Professor of Zoology at the University of California Los Angeles. It was here that he began to translate his avocation of photography and writing into a communication format. During 1967 to 1968 he served as a science consultant to the Biological Sciences Curriculum Study (BSCS) in Boulder, Colorado. During his tenure at BSCS he developed and produced 40 single topic film loops incorporating the inquiry process strategies. Using a similar pedagogical approach he designed and produced 15 film loops in physical science for Rand McNally. He has a command of research and writing and a contagious intellectual curiosity.

Past Experience

From 1968 to 1985, Dr. Boolootian was founder and Chairman of Science Software Systems, Inc., a California Corporation, where he organized the development, production, manufacturing, and distribution of over 4000 AV and computer software programs for high schools, colleges, and universities. In addition, the company developed consumer, management, and employee training programs for industry. Dr. Boolootian has conducted hundreds of workshops in the area of effective communication, listening skills, presentation skills, proposal writing, and business and technical writing. He has hypnotic goal-setting presentation skills that captivate and astound audiences. His talks are a rare blend of education and entertainment. He has written over 15 comprehensive training manuals which are used in conjunction with his workshops.

Clients

Some of the major corporations for whom programs have been developed include the Southern California Edison Company, Southern California Gas Company, Hoffman Electronics, Allergan Pharmaceuticals, Trainex Corporation, Holt, Rinehart and Winston, Inc., John Wiley and Sons, Rand McNally, MacMillan Publishers, Houghton Mifflin Publishers, General Learning Corporation, American Nuclear Society, United States Department of Energy, Republic Indemnity Company of America, First Interstate Bank of Oregon, First Interstate Bank of California, First Interstate Bank, Ltd., Security Pacific National Bank, Security Pacific State Trust, Standard Charter Bank, First Wisconsin National Bank, Valley National Bank, First Colonial Bankshares Corporation, Citicorp, Banker's Trust and the Zenith Insurance Company.

Publications

Dr. Boolootian has authored and edited 23 college textbooks, many of which are presently in adoption for courses throughout the nation, and over two hundred original research papers. Several of his texts have been translated into Spanish, German and Hindi, to name a few. Several of his films are recipients of awards from the American

Film Festival and the Canadian Film Board and his multimedia program on the Violence Center prepared for the University of California Los Angeles, Neuropsychiatric Institute, received the Rush Gold Medal Award from the American Psychiatric Association.

Teaching Experience

Dr. Boolootian, since 1974, has served at The Mirman School as, Chief Science Consultant and Chairman, Science Department - 24 years, Community Relations Officer – 2 years, and Director of Admissions - 3 years. He has been thrice nominated for the Presidential Award for Teaching Excellence. Ever since 1974, Dr. Boolootian has dedicated and committed his powerful intellect to gifted education for elementary and middle school children. His inexhaustible enthusiasm for exciting young people about science is unique. And, his awakening students to the joy of learning have clearly identified him as a great educator and mentor. His teaching strategies and skills are innovative, passionate and dynamic. He is instilled with the inquiry process. Skillfully, Dr. Boolootian guides students through challenging and controversial subject matters and discussions. He makes science a vital resource and brings intellectual excitement to science education.

He has published several articles stressing the strategies of teaching science to gifted children. He actively taught general science, Earth and space science, life science and chemistry and physics. Special after school classes in rocket science were held during which time students designed, built and launched their creations. Over 25 years, Dr. Boolootian innovatively restructured all of the science courses, integrated lecture and laboratory with meaningful hands-on experiences, designed the current Upper School Science Lab and organized an active science fair program that continues to this date. His excellence in teaching spans seminar discussions, lecturing, project sponsorships and advising. He is truly a masterful and gifted teacher and has a generosity of spirit in reaching out to students. He convinces the most uncertain beginners to aspire to style and grace. He serves as an intellectual and personal role model for students.

Research Experience

Dr. Boolootian has conducted basic research well over twenty five years. His field of specialization is echinoderm physiology. His work on reproductive physiology of echinoderms led to the discovery of a primitive heart in sea urchins. His findings were published in the AAAS Journal Science, the cover of which illustrated the details of the heart. Over a period of twenty years, he directed a team of scientists and conducted investigations at Enewetak Atoll, Marshall Islands, where thermonuclear tests were held. His research programs were funded with contracts from the Lalor Foundation, University of California Faculty Research Grants, The National Science Foundation (NSF), Office of Naval Research (ONR), The National Aeronautics and Space Administration (NASA), and the National Institute of health (NIH). He was appointed a Fellow by NIH in 1964 and was sponsored by Nobel Laureate, Dr. Albert Szent-Gyorgyi, Woods Hole Marine Biological Laboratory. Dr. Boolootian continued his physiological research studies on the sea urchin heart employing the electron microscope under the guidance of Dr. Szent-Gyorgyi. Over a two year period, Boolootian edited a major text, **The Physiology of Echinodermata**, summarizing our state of knowledge of this enigmatic group of marine animals. The work was published by John Wiley-Interscience Publishers.

Summer Program

Beginning in 1989, he planned, organized and conducted a major summer science explorations program for the Mirman School. Students, ranging in age from 9 to 14, have traveled to Hawaii, Alaska, Florida, Canada, Mexico, The Galapagos Islands, Costa Rica, Midway Atoll and over 10 western states. His program enjoys a healthy reputation as being one of the best summer science programs offered in the country and continues as an active program to this date as Dr. B.'s Science Destinations.

His Web site is www.sciencedestinations.org

Current Experience

Dr. Boolootian was Director of Community and External Affairs for 2 years before resigning his position in June 2005. Out of 31 years of service at The Mirman School he was absent a total of 10 days. He has successfully campaigned in his fund raising efforts and has increased the scholarship base fourfold. From 1998 to the present, he serves as an Associate Editor for the California Association for the Gifted, The Gifted Education Communicator Journal and is a member of Association's Publications Committee. Also, he served a two year term as a Special Faculty Member of the California Association of Independent Schools - Southern California Science Division. In addition, since 1998, he serves as CFO and a member of the Board of Directors and a team-member on the Los Angeles County Science Fair Steering Advisory Committee, for which he has raised significant funds to support the Science Fair Program. Since 1995 to date, he serves as a member of the Board of Directors of The Sheenway School and Cultural Center for which he has been a staunch supporter. Their Science Laboratory has been named in his honor. Additionally, from 1990 to the present, Dr. Boolootian has also served as a consultant and instructor to The Renaissance Kids Enrichment Center in Brentwood, California.

Professional Activities

He is an active member of the California Association for the Gifted (CAG), The National Science Teachers Association (NSTA), The California Science Teachers Association (CSTA) and the National Association for Gifted Children (NAGC). Currently, a member, he serves as the interim Headquarters Director of the World Council for Gifted and Talented Children (WCGTC). He is a Life Member and Fellow of the American Association for the Advancement of Science (AAAS). He actively serves as a peer reviewer for AAAS and a reviewer for NSTA.

Community Service

His community service ranges from having served as a member of U.S. Air Force during World War II in the Pacific Theater where he trained fighter pilots to maintain their instrument proficiency to serving as a member of the Board of Directors of the Sheenway School and Cultural Center. As a philanthropist, he contributes to many charitable organizations including, The Thaliens, The Footlighters, The Los Angeles County

Science and Engineering Fair, The Sheenway School, The Mirman School and Disabled American Veterans. A Mirman School endowment fund for \$100,000.00 has been established as The Richard A. Boolootian Family Scholarship Endowment.

Hobbies

His hobbies include SCUBA diving, skiing, flying and cooking. He holds certificates for a commercial pilot, single-multi-engine land aircraft. In addition, he is an instrument certified pilot and has logged over 9000 hours of flying.

Family History

Dr. Boolootian was born in Fresno, California where he attended the Emerson Elementary, The Longfellow Junior High and The Roosevelt High Schools. He completed the B.A. and M.A. degrees at California State University Fresno and his Ph.D. at Stanford University. He is the father of three boys all of whom have careers that span computer sciences at the University of California Santa Cruz to an FAA licensed Aircraft Mechanic and Aircraft Inspector to a business that manages the installations of security systems. Dr. Boolootian has lived at his current resident for the past thirty five years in Sherman Oaks, California.

Recognition

He is listed in The International Book of Honor, Directory of Distinguished Americans, American Men and Women of Science, Men of Achievement, Personalities of the West-Midwest, Who's Who in America, Who's Who in Finance and Industry, Who's Who in the West, Who's Who Among Americas Teachers, Who's Who in California and 2000 Outstanding Scientists of the 20th Century.

**3576 Woodcliff Road
Sherman Oaks, CA 91403-5045
(818)981-3473 Fax (818)501-7855**

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