

## RESUME

Alberto M. Correa. B.Sc. M.Sc. PhD.

P.O. Box 13003. El Paso, Texas 79913

Ph: (915) 790-1288; Fax: (915) 790-1287; Mobile: (915) 799-1908; Email: [grwinc@aol.com](mailto:grwinc@aol.com); [acorrea@bnsf.org](mailto:acorrea@bnsf.org); [albertoco@utep.edu](mailto:albertoco@utep.edu)

### EDUCATION

College of Business Administration. British Steel Corporation, United Kingdom. Certificate in Business Adm. 1974  
Stanford University / Materials Science and Engineering / M.S./ Ph.D. 1968 - 1972  
National University of Mexico (UNAM), Mexico City / Physics / B.S. 1964 - 1967

### SPECIAL COURSES

Certificate on Franchising. The University of Texas at El Paso. 2007  
Small Business Management. Financial Management. Finances for Non-Financial Executives. 1980 - 1999  
Auditing in Marketing. Auditing in the Public Sector. Auditing in the Federal Government.

### PROFESSIONAL DEVELOPMENT

**President. Chapter *El Paso del Norte*. Network of Mexican Talents in the U. S.** 2007 to date  
**UTEP. Professor. *Entrepreneurship for Scientists and Engineers. Small Business Management*** 2006 to date  
**The Bi-National Sustainability Laboratory. Special Projects Consultant** 2005 to date  
**Materials Research and Technology Institute. University of Texas at El Paso. Associate Director** 2004 - 2005  
**U.S. Materials Corridor Council. Executive Director. MRTI-UTEP** 2000 - 2004  
A binational program funded by the U.S. Department of Energy for promotion and implementation of materials research and technology transfer, for the economic development of the US-Mexico border region  
**Quantum Research of the West, Inc. President and CEO** 1999 to date  
Technical, Scientific and R&D services to the Industrial Sector. Over 100 R&D projects in 9 years  
**Consorcio Internacional Correa y Correa (CICCSA). President and CEO** 1990 to date  
a) Technical consultant to the automotive, aluminum, zinc, special steels industries, and Manufacturing Sector  
b) Financial Consultant to NAFIN (Bank for Industrial Development); manufacturing and Private Banks  
c) Manufacturing processes. Ownership of a maquiladora in Ciudad Juárez, Chihuahua, Mexico.  
**Center for Research on Advanced Materials. Director, Industrial Services** 1998 - 1998  
**Mexican Institute for Technological Research. Director, Economic Studies** 1994 - 1995  
**ALCOA-MEX (aluminum extrusion). Vice President Operations – Chief Technical Officer** 1990 - 1994  
**ZINALCO (Zinc alloys manufacturing company). Chief Executive Officer** 1987 - 1990  
**EUROMEX (Ceramic materials manufacturing company). CFO. (Finance and Administration)** 1985 - 1987  
**National Bank for Public Works and Services. Chief of Staff to the Vice-President.** 1982 - 1985  
**Ministry of Tourism. General Comptroller.** 1981 - 1982  
**Office of the President of Mexico. Director, Special Studies.** 1979 - 1981  
**Secretary of Budgeting and Programming. Director, Governmental Auditing.** 1977 - 1979  
**SICARTSA Steelworks. Manager, Technical Planning.** 1973 - 1977  
**Institute for Materials Research, University of Mexico (UNAM). Professor.** 1972 - 1973  
**Materials Science Department, Stanford University. Research Assistant.** 1969 - 1972  
**School of Sciences, University of Mexico (UNAM). Associate Professor.** 1967 - 1968

### CONSULTANT WORK

Over thirty five years of consultant work to the Industrial and the Financial Sectors; to the materials (metals, polymers, ceramics) industry; to international organizations (UNIDO, UNO); to international universities and to the Mexican Government on technical, financial and managerial subjects.

### PUBLICATIONS

Over three hundred restricted circulation publications (national and international media) on technology, finances, and economy.

### LANGUAGES

English, Spanish: bilingual. French: basics. German: basics. Italian: basics.

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Dr. Correa received his B.Sc. in Physics from the University of Mexico (UNAM) and his M.Sc. and Ph.D. in Materials Science and Engineering from *Stanford University*. His Ph. D. thesis concerned the use of magnetohydrodynamics in the solidification of stainless steel as applied to the nuclear industry. He has been involved in applying Materials Science and Engineering to industry, having the positions of CEO, COO, CTO, CFO and member of multiple boards of directors. He devoted 12 years of his career to banking, project evaluation and financial planning, and 25 years to the materials related Industrial Sector (metallurgy, polymers, and ceramics). As President, CEO, CTO, COO, CFO and member of the Board of Directors and/or Shareholder of a number of corporations, and of CICCSA and QRW for over 30 years, he has directed 300 plus applied R&D technical, economical and financial projects, feasibility, business and strategic plans. His interest is offering reliable problem-solving scientific and technological services to Industry. Dr. Correa is the president of the board of the "El Paso del Norte" Chapter of the Network of Mexican Talents in the U. S. and directs the International Institute for Entrepreneurial Advancement. Through the Bi-National Sustainability Laboratory, one of his main clients, Dr. Correa is involved in the economic development of the US-Mexico border region via emerging technology-based businesses. On the latest 5+ years, the technical work done for VITRO Corp. – the largest glassmaking company in Latin America – has concerned on analyzing materials' high temperature behavior inside the glassmaking furnaces when using petroleum coke as an alternative fuel. In addition, he is also pursuing projects on cellulosic ethanol production in Mexico.