

## Thomas E. Sawyer, Ph.D.

P.O. Box 900788  
Sandy, Utah 84090

tesawyer@tesawyer.com

Telephone: (801) 944-4090  
Mobile: (801) 860.9944

Over forty years of progressively responsible technical and managerial experience in high-technology industries, government, and university faculties resulting in a unique combination of entrepreneurial zeal and public company discipline. Excellent results while serving as chief executive officer in start-ups and turnarounds. Developed and implemented management infrastructures for full profit and loss responsibility. Extensive experience in taking high technology firms public while raising over \$2 billion in funding. In-depth community relations experience at local, state, and federal levels, including service as a senior advisor to four U.S. Presidents: Nixon, Ford, Reagan, and Bush Senior.

### Professional Experience

Cedar Band Enterprises 2011-present  
**Interim CEO**

Responsible for the Cedar Band Enterprises (CBE), the economic development organization for the Cedar Band of Paiutes, one of the five bands of the federally recognized Paiute Tribe of Utah. CBE is the holding company for Suh'dutsing Technologies LLC, S&T Services LLC (dba Tikigaq Technologies), Suh'dutsing Staffing Services LLC, and Suh'dutsing Telecom LLC.

Brazil Gold Corp. 2009-2011  
**Chairman/CEO**

Responsible for the strategic planning and organization of this publicly traded independent gold exploration company having exclusive right to explore and mine over two million acres in Brazil's prolific gold producing Western Amazon basin near the city of Apui. Garimpeiro (hand dug) operations have produced large quantities of gold on the property. To date gold, iron, nickel, chromium, and vanadium mineralization has been proven by sampling and lab analyses.

Innova Enterprises, Inc. 2007-2009  
**Chairman/CEO**

Led the development of patented oil purification technology to reduce waste oil and extend useful life of diesel engines and engine components. Sold November 2009.

Sawyer Technologies, LLC. 2002-present  
**President/Chief Executive Officer**

Umbrella Company for various projects in the fields of mining, gas & oil, telecommunications, green energy and clean technologies, health care, Native American business and economic development, project management, and consulting.

Global Light Telecommunications, Inc. - Vancouver, BC Canada 1998 - 2002  
**Director/Chief Technology Officer**

Global Light is a publicly traded telecom incubator/holding company with telecommunications interest in Asia, Europe, Mexico, and North America. Also served as Chairman/CEO of its Asian affiliate -- NeTrue Communications, and as a Director of its Mexican affiliate -- Bestel Communications.

NACT Telecommunications, Inc. - Provo, Utah 1988 - 1998  
**Chairman/Chief Executive Officer**

A Founder in January 1981. Integrated existing high-technology computer and communications products into emerging specialty long distance networks. Developed a fully articulated strategic plan, which enabled the company to achieve an effective, vertically integrated status. Led cost-effective completion of Research and Development projects to provide new products vital to the developing telecommunications industry. Achieved a turnaround that included essentially doubling revenues and profits in each of the years from 1991 through 1997, with an increase of valuation from zero in 1990 to \$170 million in 1997 as determined by the market capitalization on the NASDAQ. Chief Technology Officer and Director of GST Telecommunications from 1996 to 1998. 1995 recipient of the Blue Chip Enterprise Award, sponsored by Connecticut Mutual Insurance, U.S. Chamber of Commerce, and Nation's Business magazine; and Utah Entrepreneur of The Year, sponsored by Ernst & Young, Merrill Lynch, and Inc. Magazine. Led NACT to the 237<sup>th</sup> position in Deloitte & Touché Technology Fast 500 listing for the period 1993-1998, as announced in the November 30, 1998 issue of Forbes ASAP.

SAGE Analytics International, Inc. - Provo, Utah

1983 - 1988

**President/Chief Operating Officer**

Designed, developed, validated, and implemented knowledge based decision-support systems validated by Department of Defense mathematicians. Directed over fifty strategic decision-support programs for government and industry clients including: Department of Defense; Department of the Interior; Department of Education; Presidential Commission; Morton-Thiokol, Wasatch Division; Motorola; Mayo Clinic; Mobil Oil; American Airlines; KLM Airlines, Netherlands; Montgomery Ward; Wickes; Plessey Ltd., UK; and the Strategic Defense Initiative, "Star Wars."

WICAT Systems, Inc. - Provo, Utah

1981 - 1983

**Senior Vice President**

Conceived and implemented innovative and comprehensive corporate business development programs for computer aided education systems. Responsible for all government sales and joint venture marketing to government agencies; producing over \$50 million in revenues in less than three years. After successfully guiding an \$18 million Research and Development Limited Partnership funding, led the effort to develop an engineering work station and related videodisc training. Member of the executive management team that accomplished a \$72 million initial public offering.

MESA Corporation, Inc. - Orem, Utah

1978 - 1981

**President/CEO**

Brought together the capital and expertise to achieve first year profitable revenues of over \$500,000 and third year profitable revenues of over \$4.5 million. Provided management and scientific leadership for consulting and research projects in computer aided training, economic development, mine safety, environmental impact statements related to mining, soil vegetation inventories, and management consulting for organizational development. Sold majority interest in July 1981.

Brigham Young University - Provo, UT

1974-1978

**Associate Professor**

In addition to faculty assignment of teaching engineering and management courses, served on the Advancement In Rank and Reaccreditation Committees. Also provided focus for government affairs and grantsmanship for faculty research funding. Concurrently, was Vice President of Research and Technology for Eyring Research Institute, a start-up, high-technology, contract research organization which grew to over two hundred professional staff and \$19 million in annual revenues.

Office of Economic Opportunity Executive, Offices of the President - Washington, D.C. 1973-1974

**Director**

Directed administrative and budgetary functions of this 25,000-person agency. Initiated cost/benefit analyses of Agency programs; reconciled competing policies and claims for resources; and, streamlined grants and contact processes to ensure effectiveness and accountability while reducing proposal evaluation and contract award cycle

by one third. Designed intra-agency computer network. Formulated policy recommendations for Congress, and Office of Management and Budgets/White House approval to restructure OEO into Community Services Agency.

Planning Research Corporation - McLean, Virginia

1969-1973

**Principal and General Manager**

Responsible for corporate marketing, government relations, strategic planning, presentations to financial analysts, and integration of 13 acquisitions. Consulting revenues were profitably increased from less than \$30 million to over \$110 million. Analyzed and negotiated acquisitions. Directed consulting assignments to all cabinet level departments of U.S. government, and several fortune 500 firms and multinational organizations.

State of California - Sacramento, California

1967-1969

**Special Assistant to Governor Reagan**

Directed analysis and reorganization of State's domestic programs resulting in Project FOCUS, Department of Human Resource Development, and the California Welfare Reform Act with its announced annual savings of \$600 million. Directed economic development, education reform, community action programs, the State ADP Master Plan, and the Model Cities Program.

TRW Systems - Redondo Beach California

1961-1967

**Manager of Development Operations**

Responsible for diverse engineering research, design, development, and prototype production of aerospace systems, which included rocket engine combustion such as hydrazine for spacecraft propulsion, the Minuteman Weapons System and the Lunar Excursion Module Descent Engine for NASA's Apollo missions to the moon. This included the successful rescue of Apollo 13, which was achieved using the lunar landing engine. Led the successful transfer of aerospace technology to civil systems programs with a resultant \$100 million profit center. Assisted in formulation and implementation of an executive development program that gained national acclaim. Guided government relations programs, and developed conceptual design for a regional computer network for members of the Southern California Association of Governments.

Garrett Corporation (AiResearch) - Los Angeles, California

1954-1961

**Technical Management and Various Assignments**

Responsible for design, development, and prototype production of a variety of turbo-machinery components and systems. Coordinated technical proposals. Provided scientific and program leadership for R&D program teams. Director of Thermodynamics Laboratory during development of the life support systems for the Mercury, Gemini and Apollo spacecraft.

**Directorships**

Zolon Corporation

2010-present

**Director**

Zolon, a publicly traded company (ZLON), is an Information Technology (IT) services entity that provides consulting and technology product solutions, a market estimated by Gartner to grow at a 7.1 percent annual growth rate, reaching US\$2 trillion by 2011. Zolon offers consulting, systems integration, enterprise systems, business intelligence, and applications development and maintenance emphasizing Information Technology and software enabled services to clients in Financial Service, Health Care, and Telecom sectors.

Cedar Band Enterprises

2010-present

**Director, Chairman of the Board**

Cedar Band Enterprises (CBE) is the economic development organization for the Cedar Band of Paiutes, one of the five bands of the federally recognized Paiute Tribe of Utah.

Digifonica International Inc.

2007-present

**Director/Chairman of Compensation and Audit Committees**

Digifonica International Inc. (DII) is a publicly traded, leading global developer of patented Internet telephony technologies that enable the extension of traditional and mobile telecommunications over IP infrastructure to virtually anywhere in the world. DII provides solutions to carriers and mobile network providers to seamlessly bridge customers on legacy telecommunications infrastructure with emerging digital communications technologies. DII continues to work to extend their joint venture relationship with China's Ministry of Industry, Information and Technology (MIIT) to provide wireless (WiMAX) communications network solutions.

Chief Consolidated Mining, Inc.

2007-present

**Director**

Chief Consolidated Mining (CCM), a publicly traded company, holds a Utah land package of approximately 19,000 acres containing a large porphyry copper-gold-molybdenum target located in the prolific Tintic Mining District near Provo, Utah. Existing on the property are two usable mine shafts, two ventilation bore holes, and an 800-ton per day processing plant. Two mining areas, the Burgin and Trixie, as well as the processing plant, are fully permitted and bonded by and with the State of Utah. In August 2010, CCM signed an Earn-In with an option to joint venture with Kennecott Exploration Company, a subsidiary of Rio Tinto, on CCM's Big Hill Project, to develop a porphyry copper-gold-molybdenum target.

First European Investment Foundation

2004-present

**Director of Special Operations/Trustee**

Director and Trustee of a large international financial services (group of companies) providing consulting to high value private clients, international financial entities, and heads of state.

AIM Holdings Company LTD

2004-present

**Senior Director**

Senior Director for AIM Research Institute, an internal division of AIM Holdings and the core group of the AIM organization, tasked with the functions of researching the latest world economic climate and financial trends, and providing such information to its clients. Using its staff in various fields, as well as the information network with other global companies that are business partners, AIM is engaged in research, analysis, and consulting in the following areas: 1) domestic and international securities, international future transactions, and exchange markets for investment; 2) social, economic, and financial environments; 3) market penetration into America, China, and Southeast Asian nations; and, 4) incubation services for development of intellectual property rights related to Information Technology (IT).

**U.S.M.C.**

Infantryman - Honorable discharge as sergeant following three years of service during Korean conflict.

**Selected Civic Service**

**Knight Templar**, Sovereign Military Order of the Temple of Jerusalem, 2007-present

**Economic Advisor** to the Liberian Legislature, 2005-present

**Trustee**, College of Eastern Utah, Gubernatorial Appointee, 2001-2007

Utah Community Mediation Centers, **Chairman** 2002-2004; **Director** 2000-2004

**Founder**, Leadership Training Program at Utah Valley University, 1998-1999. Established and funded the program which has gained international recognition, winning the University of Notre Dame's prestigious Theodore M. Hesburg Award.

**Member**, Board of Trustees Columbia/HCA Hospital Corporation, 1997- 2004

**Member**, Board of Trustees Central Utah Health Foundation, 1997-1999

**Member**, Utah Valley University Business Advisory Council, 1995-2005

**Utah Entrepreneur of the Year**, sponsored by Ernst & Young, Merrill Lynch, and Inc. Magazine, 1995

**Member**, Utah State Historical Society, Gubernatorial Appointee, 1993-1997

**Trustee**, Utah Information Technologies Association, Gubernatorial Appointee, 1991-1997

**Member of Dean's Council**, UCLA College of Engineering and Physical Science, 1991-1995

**Chairman and Cofounder**, Utah Valley Entrepreneurial Forum, 1989-1994

**Member**, Utah Governor's Information Technologies Industry Task Force, Gubernatorial Appointee, 1989-1990

**Member**, National Advisory Council for Indian Affairs, Presidential Appointee, 1982-1988; Chairman 1982-1986

**Chairman**, Utah Board of Indian Affairs, Gubernatorial Appointee, 1981-1989

**Member**, Utah Job Training Partnership Council, Gubernatorial Appointee, 1983-1984

**Member**, Utah District Small Business Administration Advisory Council, 1983-1987

**Member**, U.S. Department of Commerce Export Council, 1983-1985

**Member**, Orem Chamber of Commerce Board of Directors, 1983-1984

**Member**, Utah Council of Small Business, 1982-1984

**Member**, Presidential Commission on Indian Reservation Economics, 1982. Developed strategies to enhance economic development programs on federally recognized Indian reservations. Report was commended by President Reagan.

**Chairman**, Committee for Paiute Self-Determination, 1981-1983. Regained federal recognition for these Indian bands in Utah, entitling them to assistance in achieving economic independence.

**Vice Chairman**, U.S. Department of the Interior Reorganization Task force, Secretarial Appointee, 1979-1980

**Board of Trustees Member**, American Indian Heritage Foundation, 1977-1980.

**Board Member**, American Indian Services, 1976-2002. Provided scholarships for Indian students and assisted in enhancing farming on Southwest reservations.

**Chairman**, Utah Indian Education Advisory Committee, Gubernatorial Appointee, 1975-1981

**Member**, Board of Trustees and Executive Committee, Utah Endowment for the Humanities, 1975-1978

**Founder**, Ayuda Foundation, 1974. Provided humanitarian aid to rural areas of Guatemala. In the Indian villages of Coban and Paticia, the Foundation provided commercial fertilizers which increased corn and bean production fivefold and greatly reduced infant mortality. Programs of aquaculture and turkey production were introduced to provide cash crops and quality protein sources. Later, in conjunction with Catholic Charities, pork production was added.

**Member**, National Council on Indian Opportunity, 1974

**Member**, Federal Government Procurement Commission, Presidential Appointee, 1970-1971

**Member**, Advisory Committee and Transition Task Force (acting Under Secretary) for Honorable Robert H. Finch, Secretary of the U.S. Department of Health, Education and Welfare, 1968-1969

**Chairman**, California Industrial Training Committee, Gubernatorial Appointee, 1967

**Member**, Governor's Task Force on Efficiency and Cost Control: California in 1966-1967, and Virginia in 1969-1970

**Member**, California Management Council, Chad McClellan, Chairman, 1965-1966

### **Other Professional Activities**

Graduate Faculty, Walden University, 1990-1996

Graduate Faculty, Nova University, 1981-1983

Education and economic development advisor to several Indian Tribes, 1970-present

### **Education**

Ph.D., Management, Walden University

Ph.D., Clinical Psychology, Florida State

M.A., Business/Urban Affairs, Occidental College

Graduate Research, Public Affairs, Coro Foundation

B.S., Engineering, U.C.L.A.

Other graduate studies completed at the University of Utah, University of Southern California, and California Institute of Technology.