Executive Director, The Hub of Human Innovation & Director of Clean Energy Incubator UTEP's Program

Ms. Cathy Swain assumed her current position as executive director of the Hub of Human Innovation and director of the Clean Energy Incubator program for the University of Texas at El Paso in July 2100. She is a Chartered Financial Analyst (CFA) with broad experience through many market cycles and career achievements that bridge financial, academic, and economic development institutions, most recently with a broad network and understanding of the university/community ecosystem for innovation through research commercialization. With experience that spans from startup ventures and operational "Main Street" rural community development to a major university endowment and Wall Street investment bank, she has served and coached many companies and non-profits regarding strategic and operational financial management and fiduciary practices. She is a respected teacher, consultant, author, speaker/lecturer, and contributor to boards, investment committees, and industry associations.

Ms. Swain's extensive career as a senior executive includes roles in investment management emphasizing equity real estate, private equities, and venture capital startups. She has served on investment committees and boards; filled senior management roles in portfolio management, valuation, research, and consulting; performed due diligence and investment manager search; served as SVP/CFO - head of corporate operations for a regional economic development company and CEO of a regional property management company; lectured and taught professional workshops and college courses (online and classroom); authored published articles; and contributed in finance industry associations.

In January 2005, Ms. Swain joined The University of Texas System as Director of Investment Oversight to fill a new role created to help the Board of Regents fulfill its fiduciary duty to manage more than \$23 billion of UT System endowment and operating assets that the University of Texas Investment Management Company (UTIMCO) manages day-to-day. Her duties involved synthesizing, interpreting, and communicating complex policies, investment, and budget information to enhance transparency and facilitate informed decision making by the Board of Regents, the Chancellor, and Regental Directors of UTIMCO. Her initiatives significantly improved and updated all investment policies and the Investment Management Services Agreement between the Board of Regents and UTIMCO; advocated effectively to create new UTIMCO Chief Compliance Officer and General Counsel staff roles, as well as the new UTIMCO Board Risk Committee whose charter encompasses investment risk management and compliance, asset classification, and independent evaluation of risk management systems; completed the first definitive Total Cost Effectiveness Studies; and coordinated the first Joint Meetings of the Board of Regents and the UTIMCO Board.

In September 2007, Ms. Swain assumed another new position as Assistant Vice Chancellor for Commercial Development in the UT System Office of Research and Technology Transfer. As the key contact person for UT commercialization activities System-wide, she launched and managed the Texas Ignition Fund ["Proof-of Concept"] that resulted in 23 startups in less than two years; piloted *Ideas on Fire!* entrepreneurship training for faculty and contributed at campus entrepreneurship "boot camps"; supported tech transfer professionals and incubator companies at all 15 UT institutions; coordinated research superiority award and other UT activities related to the State of Texas Emerging Technology Fund; worked with Regional Centers of Innovation and Commercialization (RCICs) and Chambers of Commerce to enhance university involvement in economic development; and explored strategies for UT startup companies to access venture and angel capital.

Ms. Swain has served on the investment committee of Innovación Investments, a community venture fund sponsored by EDCO Ventures. She previously served a regional non-profit Community Development Corporation (CDC) as Vice President of equity investments and later as CFO and Senior VP – Director of Corporate Resources. With federal funding similar to the Texas ETF, that CDC achieved and enjoys self-sufficiency. She also served on the Vermont Governor's advisory task force in the formation of the original Vermont Venture Capital Fund.

Ms. Swain earned her BA in economics (Highest Distinction, Phi Beta Kappa) and MS in finance (Highest Distinction, NDEA Fellow) from the University of Illinois, and subsequently completed post-graduate studies at the Stanford University Graduate School of Business. She holds the Chartered Financial Analyst (CFA) and the Accredited Investment Fiduciary AnalystTM (AIFA®) professional designations.

