Daniel Covarrubias, Ph.D.

Director
Texas Center for Border Economic and Enterprise Development

Bio Sheet

Daniel Covarrubias is the Director of the Texas Center for Border Economic and Enterprise Development at the A.R. Sanchez, Jr. School of Business at Texas A&M International University (TAMIU). The essential purpose of the Texas Center is to provide support to private and public entities with research, knowledge, information, and assistance in border and binational socio-economic development efforts. The Center hosts the TAMIU Logistechs Living Lab, a research facility focused on improving the efficiency and competitiveness of cross-border trade and transportation through the use of exponential technologies. This living lab encourages participants to explore the potential of public-private partnerships to spur innovation and technological development in the logistics, supply chain, and international trade sectors.

Before his time at the Texas Center, he served as the Director of the Centro de Innovación Socieconómica y Tecnológica (Centro IST). At the Centro IST, he worked closely with businesses, ranging from SMEs to Fortune 500 companies, assisting these firms in identifying areas of opportunity to further their competitiveness and develop and grow new business models related to innovation and technological development within products, processes, and organizational structures.

Daniel sits on the Standing Committee on International Trade and Transportation of the National Academies of Sciences, Engineering, and Medicine Transportation Research Board (TRB), the U.S. Customs and Border Protection (CBP) Commercial Customs Operations Advisory Committee's (COAC) Working Group on Cross-Border Recognition, and the U.S.-Mexico Foundation C26+ Smart Borders Working Group. His research is centered on Cross-Border Regional Development, Clusters, Regional Innovation Systems, and Logistechs. Logistechs represent the impact that exponential technologies have on logistics and can be identified as those technologies that support the transport of goods, improve their handling, and expedite their customs clearance. Continuing to develop this concept will help companies identify and invest in the use of technologies, such as augmented and virtual reality, the internet of things (IoT), artificial intelligence (AI), blockchain, warehouse robots, machine learning, predictive analytics, as well as autonomous vehicles, to name a few.

Daniel completed his Ph.D. in Business Competitiveness and Economic Development from Deusto Business School in Spain and holds a Master of Arts in Political Science from TAMIU, a Master in Business Administration (MBA) from the University of Texas at San Antonio, and a Bachelors in Business Administration from Monterrey Tec.