



13th INSME Annual Meeting

“Improving Productivity in SMEs and Their Role in Global Value Chains”

**From the 15th to the 17th of May 2017
Puerto Vallarta - State of Jalisco, Mexico**

Dr. Guillermo Fernández de la Garza

**President and CEO of FUMEC (US/Mexico Foundation for Science),
Deputy Director General of Mexico’s National Council for Science and Technology
CEO of the Mexican Electric Power Research Institute
Mexico.**

Guillermo Fernández de la Garza serves as Chief Executive Officer of the United States - Mexico Foundation for Science (FUMEC), an endowed non-profit organization sponsored by the U.S. and the Mexican Governments.

In his present position he reports to a Board of distinguished Business, Academia and Government leaders of the two countries. In FUMEC he has worked to develop binational regional innovation clusters, North American cooperation programs in high tech business acceleration networks and industry university collaboration in areas like automotive, aerospace, ITC, Alternate Energy and advanced manufacturing, facilitating innovation and globalization in medium and small businesses.

The Foundation supports regional Innovation Networks in Mexican States that have provided technology-business support to more than 2000 technology SMEs, 600 of whom have gone to the international acceleration system TechBA, with networks in the United States, Canada, Colombia and Spain, that FUMEC operates.

Fernández de la Garza has worked in the development of Science Education Innovation programs, in Mexican Public-Private Partnerships linking industry, universities and government in the definition of strategies, in the development of technical and educational infrastructure, in the organization of business – university consortia related to advanced products and in the interaction with similar networks in other countries.

He has worked in Industry 4.0 promotion in Mexico, particularly among SMEs, developing integral I-4.0 support ecosystems, involving education programs, technical infrastructure development, extension services, national and international networking, with government support and business leadership.

Fernández de la Garza has worked in the development of Mexican Public-Private Partnerships linking industry, universities and government in the definition of innovation support strategies, the development of technical and educational infrastructure, in the organization of business – university consortia related to advanced products and in the interaction with similar networks in other countries. He has bachelor's degrees in Engineering and in Physics of Mexico's National Autonomous University, a Master Degree in Engineering Economics from Stanford University and advanced studies in Nuclear Engineering and Business Administration of IPN and IPADE.

Among his professional activities:

- Deputy Director of the National Council for Science and Technology (CONACYT), from 1971 to 1976, in charge of technical infrastructure to support innovation in Mexican companies.
- CEO of the Electric Power Research Institute of Mexico (IIE), from 1976 to 1991. in charge of more than 200 innovation projects, from which 75 start ups were created.
- Technical Secretary of the National Commission for the Conservation of Energy (CONAE), from 1991 to 1994.
- Head of the Chile Energy Efficiency and Alternative Energy project with the United Nations Development Program (UNDP) and the Global Environmental Facility (GEF), 1996.

He is a member of the Board of the International Science, Technology and Innovation Centre (ISTIC) for South-South Cooperation under the auspices of UNESCO and a member of the Advisory Board of the Science Education Program of the the global network of science academies - Inter Academy Partnership (IAP)

He has been advisor to UNIDO, UNESCO, UNDP and the IAEA as well as to the governments of Chile, Brazil and Argentina in innovation strategies in advance sectors, like the semiconductor industry.

He was founder and first Chairman of the Mexican Association of Industrial Research Directors (ADIAT) and of High Tech Business Incubators and Technology Parks (AMIEPAT).