

## **Jaime Bonilla Ríos, Ph. D.**

Dr. Jaime Bonilla Rios has developed a successful academic and administrative career at Tecnológico de Monterrey, an Institution with Campuses throughout México and with international presence in different Latin American countries and the United States. Currently, Dr. Bonilla is the Associated Dean for Continuing Education and International Affairs of the National School of Engineering and Sciences at Tecnológico de Monterrey.

Dr. Bonilla served as the National Director for Academic Experience and Organizations Liaison Program within the Office of the Vice Provost of Academic Affairs (2015-2017). Dean of the School of Engineering and Information Technologies at Campus Monterrey (2009-2015); National Director for the Alumni Relations Office and the Life and Career Centers (2004-2009). Among other positions in Tecnológico de Monterrey, Dr. Bonilla has been a Director of Research and Continuing Studies (2001-2004) and Director for the Chemistry Program in Campus Monterrey (1998-2001). He conducts research at the Center for Innovation in Design and Technology and has been a Visiting Professor at Rice University in Houston, Texas. . He was the president of the Latin American Global Engineering Deans Council (2012-2014) and the President for the Latin American and Caribbean Consortium of Engineering Institutions (2015)

During the time he was in charge of the Alumni Relations Office, Dr. Bonilla established an important role in unifying, defining, together with his team, a shared vision and mission to the area, that resulted in the formulation of 5 main strategies that focus on the work done by each campus. His leadership represented a new era in the relation with ITESM graduates who are currently grouped in 84 worldwide associations and participate in multiple projects with the Institution. In the same period, under his leadership an undergraduate Life and Career Program was launched and the students started to work on strategies that improve their employability in the labor market.

With regard to his contributions during his Deanship in the School of Engineering and Information Technologies, Dr. Bonilla fostered the creation of Personalized Learning as well as Merged Learning courses on Mathematics and Physics. He also created the Multi and Trans Disciplinary Capstone Projects and the exhibition fair called Conexión Tec where the projects are presented to the industry and possible investors for those students willing to incubate a company. He and his colleagues created a new bachelor program called Innovation and Development Engineer and a Challenged Based Environment called Innovación Gym™.

Dr. Bonilla has also worked as consultant for major companies and institutions in Mexico and the United States such as Hylsamex, Nemark, Vitro, Alkali Industries, Manufacturing and Industrial Processes, CYDSA, TOTAL Petrochemicals.

He has been a member of the Chemical Society of Mexico, Society of Plastics Engineers, Mexican Institute of Chemical Engineers among others. He was a Chairman of the Organizing Committee of the XXXII, XXXIII and XXXIV Research Congress at Tecnológico de Monterrey and a member of the Review Committee for FOMIX Project (Joint Funds of the Government of Nuevo León State).

As teacher and researcher, Dr. Bonilla has focused on the generation of knowledge in their specialty area, he has worked in collaboration with other researchers and has been advising master and doctoral theses. In this way, he has been senior adviser to 19 master's thesis, two Doctoral dissertation and three more in progress. He has published 15 articles in conference proceedings and international journals. He has also collaborated with researchers from the Centre of Applied Chemistry (Saltillo, Coahuila, Mexico), Rice University, University of Houston, the Technical University of Hamburg in Hamburg, Germany and the Johannes Kepler University at Linz, Austria.

Dr. Jaime Bonilla Rios has a B.S. in Chemistry, from ITESM, Campus Monterrey. A Master in Chemical Engineering from Rice University and a Ph.D. in Interdisciplinary Engineering with emphasis on Polymer Rheology, from the Texas A & M University.