

Bio of Carlos A. Tollinche, Ph.D.

Dr. Carlos A. Tollinche has over twenty years of progressive pharmaceutical industry experience in a variety of product categories, including parenterals (LVP, SVP), solid dosage forms, potent compounds, biotechnology and chemically synthesized active pharmaceutical ingredients (API's) in multi-product plant as well as multi-plant site scenarios. He served in various management positions in an active, hands-on capacity (for the PR operations of Warner Lambert; Merck; E.R. Squibb & Sons and Bristol-Myers Squibb). His experience was equally divided between technical operations, regulatory and documentation control, and validation roles. Moreover, he successfully managed numerous tech transfer projects, plant commissioning & validations projects, cost control / cost reduction, overseen lab/pilot plant facility design/construction projects, organizational transition projects of various sizes and complexities.

At present, Carlos is the Director of Scientific Affairs at INDUNIV (Industry-University) Research Consortium (a non-profit organization that has existed for 25 years (dedicated towards the integration of industry – academia – government). In the latter role, he manages the research grants program through the Scientific Affairs Committee which is made up of Sr. Technical and QC Operation professionals from member companies. Also, Carlos liaise with the centers of excellence formed by INDUNIV: Center for Material Characterization (MCC), Pharmaceutical Processing Research (CPPR)-UPR, and a member of Steering Committees of the Health Care Council (Clinical Research Initiative); PR Bioscience Alliance; as well as the Pharmaceutical cluster. Through the clusters development process, Carlos was part of the Advisory Board of the PR Life Sciences Roadmap. The latter initiative was geared towards transforming PR and inserting the island into becoming an important player in the global knowledge economy. In the education & scientific liaison role, he works with industry, regulatory agencies and the universities in the development of specific training programs. More recently, facilitated the Committee for the design & construction of the Bio Dev & Training Center. For the last five, Carlos has been representing INDUNIV within the Council of States Bioscience Association (CSBA) an affiliate of BIO.

Also, Carlos belongs to several industry advisory boards/committees within the University of PR. System and the Pontifical Catholic University of PR. The aim of all of this involvement is to expand the scope of the curricula towards the development of professionals with the skills and preparation necessary to attend industry current as well as future human capital requirements.

Carlos is also involved as a member in various professional organizations: among them the American Chemical Society, the PR Professional Chemists Association, one of the four member delegation from PR at the International Union of Pure and Applied Chemistry (IUPAC) and titular member of the CHEMRAWN Committee. He has represented the Chemists Association in international chemical congresses in Cuba, Mexico (CLAQ), IUPAC Congress & General Assemblies in Ottawa, Beijing, Turin, more recently in Glasgow, Scotland-UK (August 2009).

During his professional career, Carlos has received several awards, among them: Puerto Rico Chemists Association awards: Maximo Galardón Premio Dr. Osvaldo Raimirez-Torres (2005), Award Industrial Chemist (1997) - two times Presidential Award (1988 and 2004); Bristol-Myers Squibb Presidential Award (1996 & 1995); Bristol-Myers Squibb Quality and Productivity Award (1992)

He holds a Ph.D. in Chemistry from Penn State University (University Park, PA.), a bachelor in Chemistry from Pontificia Universidad Católica de PR; completed the Leadership Development Program of the National Leadership Institute at University of Maryland; a licensed Chemists and Real State Broker in the Commonwealth of PR. Carlos is also a Past President of the PR Professional Chemists Association (2002 – 2003) and served as Board Member from 2001 – 2004. *He is currently the President of the Federation of Latin American Chemical Associations (FLAQ) for the 2008-2010 term and Vice Chairman of the Organizing Committee for the 43rd World Chemistry Congress 46th General Assembly to be held in San Juan, PR from July 30th – August 7, 2011.*