

Biography / Biographies

Gerardo Avendano is a full-time professor at the EAN University in Bogotá Colombia with more than 20 years of experience in teaching and research and management at prestigious universities and national and international companies. Experience in the industry in the area of production and quality, as well as in personnel management and group work. Author of scientific publications such as books, articles in indexed journals and software development. Postdoctor in Statistical Process Control SPC Penn State University (State College, USA 2007). Ph.D. Polytechnic University of Valencia (Valencia - Spain, 2004). Specialist in Advanced Statistical Methods for the Improvement of Productivity and Quality Polytechnic University of Valencia (Valencia Spain 2001). Specialist in Production Engineering of the District Francisco José de Caldas Bogotá Colombia (1998). Chemical Engineer National University of Colombia (1994).

William E. Mosquera-Laverde graduated as chemical engineer from the National University of Colombia, in 1993; Specialist in Higher Education at a Distance, National Open and Distance University - UNAD, in 2010 and full master's in environmental management, University of the Andes, Bogota in 2014. Professor of Environmental Management at the Universidad Cooperativa de Colombia, co-researcher of the Strategic Noesis Group (UCC), Director of the Seedbed Ecoestrategicos 023. Assistant professor Researcher, Business Administration Program, courses oriented Environmental Management, Operations Research, Quality Management, and Finance. I work with the UCC's entrepreneurship center and sustainability management in vulnerable communities and as a consultant to industrial companies since 1995.

Oscar A. Vasquez-Bernal is an Associate Professor in the School of Basic Sciences, Technology and Engineering at Universidad Nacional Abierta y a Distancia, Bogotá Colombia. He earned his Ph. D. in Engineering at Universidad Nacional de Colombia, Masters of Business Administration from UNAD Florida USA, and is BS in Industrial Engineering from Universidad Antonio Nariño, Colombia, He has published several journal articles and conference papers. Professor Vasquez-Bernal has been involved in projects with manufacturing and engineering companies. He is a management consultant in quality assurance, project management and safety management. He has taught courses in entrepreneurship, strategy and corporate logistic and innovation for engineers. His research interests include certification, accreditation, multi-criteria decision analysis and optimization. He is member of NFPA, LACCEI and IEEE.