

**Reza A. Maleki, Ph.D., P.E., C.Mfg.E., L.B.C.**

**Senior Business Advisor**

**Impact Dakota, an Affiliate of National Institute of Standards and Technology, U.S. Department of Commerce**

---

Dr. Reza Maleki has more than 34 years of professional experience which includes serving in four universities in the United States and working as a consultant with diverse manufacturing companies in Minnesota, North and South Dakota, Wisconsin, Michigan, and Kentucky. In addition to manufacturing, he also has worked with other businesses such as health care, distribution and warehousing, insurance, library services, and food processing.

During his academic work, as a PI and Co-PI, Dr. Maleki was instrumental in securing of two \$600,000 NSF (National Science Foundation) grants plus more than \$250,000 in matching grants. He also was successful in authoring and receiving of a \$640,000 FIPSE (Funds for Improving Post-Secondary Education) grant from the U.S. Department of Education. Dr. Maleki was instrumental in establishing the South Dakota State Polytechnic Center of Excellence and was a major contributor to securing funds and managing multiple projects for a \$4.2 million renovation of building and laboratories.

As a Senior Business Advisor at Impact Dakota, the major focus of Dr. Maleki's activities are on the development and delivery of high value services to client companies. This includes interacting with clients to assist them in assessing and discovering operational needs and solutions, design and delivery of training materials pertaining to target clients, and providing consulting services to clients to foster their continuous improvement activities.

Prior to joining Impact Dakota, Dr. Maleki served as the Enterprise Scholar Faculty at North Dakota State University teaching and coordinating more than 80 multi-disciplinary industry projects. The highlight of Maleki's work at North Dakota State University was his dedication to developing students' talent where as a mentor and advisor he facilitated student learning through effective teamwork and project management skills addressing clients' needs.

Dr. Maleki's experience with manufacturing companies also includes serving on the Board of Directors of an electronics company, working as Director of Allied Manufacturing Center, and Technology Transfer Director. He has been involved in a number of civic and professional organizations and is currently serving as the President of Minn-Dak Manufacturers Association. He uses every opportunity available to visit different companies. Since the start of his professional career, he has made more than 1,100 plant visits to about 400 companies.

Dr. Maleki's international experience includes serving as a visiting professor of operations and project management at Kazakh British Technical University in Almaty, Kazakhstan. Dr. Maleki contributed to the design and development of Practicing Engineering Exam and Manual for Preparation of Saudi Arabia National Center for Assessment in Higher Education (NCAHE). He has made presentations in Brazil, Korea, and Vietnam and has conducted a number of training and workshops in Iran and in Mexico where he was invited as an Academic Leader to present to faculty in two universities and to business and industry professionals.

Dr. Maleki received all his degrees from North Dakota State University which include a Ph.D. in Engineering and B.S. and M.S. in Industrial Engineering and Management. He is a registered professional engineer, certified manufacturing manager, academic associate of Avraham Y. Goldratt Institute, and Lean Bronze Certified Practitioner. He has also completed the requirements for and received certification in Lean Leadership. Included in Reza's publications is the book, "Flexible Manufacturing Systems-the Technology and Management" which was published by Prentice-Hall.