

Leslie P. Martinich

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QUALIFICATIONS SUMMARY

An executive with over 30 years of science and technology leadership experience and proven abilities in interactive instruction, education and training, strategic planning, and team building. Recognized for possessing skill in leading organizations, managing a portfolio of projects and providing high quality deliverables. Background in both Philosophy (Logic, Ethics) and Engineering (Computer Sciences). Possesses particular expertise with:

- Science and Technology Policy
- Innovation Management
- Engineering Education
- Teamwork and Communications
- Science and Engineering Ethics
- Negotiations for STEM Professionals

EDUCATION

- University of Texas at Austin • Austin, TX — Master of Science in Computer Sciences.
- University of Texas at Austin • Austin, TX — Master of Arts in Philosophy.
- University of California, San Diego • San Diego, CA — B.A. Philosophy

EXPERIENCE

President
Competitive Focus

September 2001 –present
Austin, TX

Provide leadership, communication, innovation management and ethics training and consulting for working professionals globally.

Responsibilities have included:

- Innovation Management: Provide local and international clients with innovation briefings, benchmark surveys and guidance for internal processes.
- Leadership Training: Create, develop and teach customized leadership, innovation management and communication courses, locally, nationally and internationally. (International engagements include Sydney, Australia; Tunis, Tunisia; Zagreb, Croatia; Vancouver, Canada; Sao Paolo, Brazil; Xi'an, China; Ljubljana, Slovenia; Bogota, Colombia. Local / Regional engagements include Samsung, ERCOT, NASA, Texas Instruments, 3M, Hewlett-Packard, Cirrus Logic).
- Teach undergraduate and graduate level courses in Innovation and Leadership, both locally and internationally (Graduate School of Fudan University, Xi'an University, Education University of Hong Kong).
- Leadership Training: Created, developed and taught courses in the Cockrell School of Engineering's Engineering Leadership Institute.
- Ethics Training: Developed and taught engineering ethics courses for University of Texas Facilities Services, TXDoT, and IEEE Societies and Chapters.
- "Leadership Improv": Developed and taught workshop utilizing improv comedy techniques to help participants improve their communication and leadership skills.

IEEE-USA Science and Technology Policy Fellow

January 2012—December 2012
Washington D.C.

Served as Legislative Aide in the Office of Representative Steve Israel.

- Identified opportunities for veterans returning from Iraq and Afghanistan to work in the electric utility sector. Evaluated programs to increase job training and opportunities.
- Evaluated proposed legislation with respect to water quality and environmental impact.
- Met with Under Secretary of Energy, Arun Majumdar, to consider plans for National Laboratories.

Previous positions include: Director of Engineering, Stellcom; Engineering Manager, Vignette, Sr. Engineering Manager, Compaq; Consultant, pcOrder; Software Engineering Manager, Novell; Software Engineer, IBM.

PROFESSIONAL AFFILIATIONS

- IEEE (Institute of Electrical and Electronic Engineers)
 - Vice President for Publications IEEE Engineering Management Society, 2006-2009.
 - Chair, IEEE Awards Board Presentation and Publicity Committee, 2017-2018.
 - Member, IEEE Awards Board, 2019-2020.
 - Chair, IEEE Central Texas Section, 2016-2017.
- AAAS (American Association for the Advancement of Science)

RECENT PUBLICATIONS

Excellent execution in new product development: Improving problem solving, *IEEE Engineering Management Review*, 2017, Vol: 45 (3).

Top ten lessons for managers: How to be heard, *IEEE Engineering Management Review*, 2017, Vol: 45 (2).

Top ten lessons for managers: Deep dive into interpersonal communication, *IEEE Engineering Management Review*, 2017, Vol: 45 (1)

Excellent execution: innovation, policy and regulation, *IEEE Engineering Management Review*, 2016, Vol: 44 (4).

Excellent execution in new product development: adaptability and resilience, *IEEE Engineering Management Review*, 6, Vol: 44 (3).

Excellent execution: balancing top-down and bottom-up management, *IEEE Engineering Management Review*, 2016, Vol: 44 (2).

Excellent execution: top ten lessons for managers, *IEEE Engineering Management Review*, 2016, Vol: 44 (1).

Excellent execution and individual productivity, *IEEE Engineering Management Review*, 2015, Vol: 43 (4).

Excellent execution and teamwork, *IEEE Engineering Management Review*, 2015, Vol: 43 (3).

Excellent execution and a culture of commitment, *IEEE Engineering Management Review*, 2015, Vol: 43 (2).

Excellent execution in new product development: reducing uncertainty, *IEEE Engineering Management Review*, 2015, Vol: 43 (1).

Excellent execution: production and operations management, *IEEE Engineering Management Review*, 2014, Vol: 42 (4).

Excellent execution: a hidden competitive advantage, *IEEE Engineering Management Review*, 2014, Vol: 42 (3).

PRESENTATIONS

Keynote—“Critical Thinking, Ethics and Diversity,” University of New South Wales, Engineering Education Innovation Summit, 2019

Keynote—“Critical Thinking and Engineering Education,” Opatija, Croatia, 2018

Keynote—“Educating our Future Engineering Leaders, an Experiential Approach,” Tunis, 2018, Tunisia Student and Young Professional Conference.

“What’s It Like to be a Congressional Fellow?” AAAS 2018 Annual Meeting.

Keynote – “Critical Thinking Skills,” 2017 IEEE International Conference on Teaching, Assessment, and Learning for Engineering (TALE), Hong Kong.

“Make the World a better place: An association-industry-academia partnership,” 2014 IEEE Integrated STEM Education Conference.

“Retaining and Retraining: An Innovative Approach to Educating Engineers in a Changing Economy,” with C. Polito, EDUCON, IEEE Conference on Engineering Education, Madrid, Spain, 2010.

“Leadership: so easy even an engineer can do it!” with C. Polito, International Engineering Management Conference, Lisbon, Portugal, 2008

“Building an Effective Engineering Organization,” IEEE International Engineering Management Conference, Salvador, Brazil, 2006.

“The Future of the Software Industry: Lessons from Hollywood,” IEEE UT Engineering Management Conference, Austin, TX 2006.

“Being Open: Managing Innovation,” IEEE International Engineering Management Conference, St. John’s, Newfoundland, Canada, 2005.

“Communicating the vision in an ambidextrous organization: connecting with both sides of your brain,” The IEEE International Professional Communications Conference, Limerick, Ireland, 2005

“An innovation framework: the foundation for two complementary approaches to innovation management,” UT/IEEE Engineering Management Conference, 2005.

“Managing Innovations, Standards and Organizational Capabilities,” IEEE-International Engineering Management Conference 2002. Cambridge, UK. 2002.

CIVIC ACTIVITIES

Austin Shakespeare, Board of Directors, January 2016 – present; Board President, 2018-present

Hospice Austin, Volunteer, 2010—present

Texas State University Computer Science Department, Industry Advisory Board.

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