

# CURRICULUM VITAE of Alex McEachern

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- Born 1955, Boston, U.S.A.
- Languages: English, French
- Residence: Alameda, California, U.S.A.
- Married: Lenore "Red" Lustig



## Awards and Publications

- Awarded 35 U.S. **patents** to date related to electric power
- Promoted to **IEEE Fellow** for "contributions to power quality measurement and immunity"
- 30 **peer-reviewed publications** to date; provides regular peer review for IEEE Transactions
- **Industry Standards:** Co-author of IEEE 519, IEEE 1159, SEMI F47 (Chair) , IEC 61000-4-30 (Chair), IEC 61000-4-34 (TF Chair) , IEC 61000-4-11 (TF Chair)
- **Author** of Electric Power Measurements and Handbook of Power Signatures
- Awarded **2001 Mungenast Award** for "lifetime contributions to the power quality industry"
- Honored with **IEC's 2001 Award** for "outstanding contributions to writing IEC standards"
- Principal technologist in developing ARPA-E **microsynchrophasor** instrument
- Author of the **Power Quality Teaching Toy** program, used world-wide at universities

## IEEE Activities

- IEEE Fellow. Active IEEE member since 1983.
- Chair of IEEE 1159.1 (Power Quality Measurements)
- Active participant in IEEE 1159, IEEE 519 working groups
- Past Chair of SCC-22 (Standards Coordinating Committee, Power Quality)

## IEC Activities

- Convenor Emeritus, SC77A Working Group 9, 61000-4-30 (Power Quality Measurements).
- U.S. Expert for TC77A WG9 since 1998.
- U.S. Expert, SC77A Working Group 6. Chairman, Task Force on 61000-4-11 and 61000-4-34 (Voltage dip immunity)
- Member, U.S. Technical Advisory Group, TC77A and TC85

## Professional Activities

- 2000 - 2018      Founder, CEO, and Chief Technologist, **Power Standards Lab**
- 1995 - 2000      Chairman and Director, **Dranetz**  
President, **Electrotek**.  
President, **Infrastructure Instruments**
- 1980 -1995      Founder, President, Chief Technologist, **Basic Measuring Instruments**
- 1985 - present    **Teaching** graduate-level courses, and giving Keynote Speeches for International Conferences on power quality and electric power measurement in Australia, Austria, Brazil, Canada, China, Croatia, Denmark, Dubai, England, France, Germany, Hong Kong, Holland, Italy, Ireland, Japan, Mexico, Poland, Romania, Russia, Saudi Arabia, Scotland, Singapore, Slovenia, South Africa, Switzerland, Thailand, United States, and Vietnam