

# CURRICULUM VITAE of Alex McEachern

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- Born 1955, Boston, U.S.A.
- Languages: English, French
- Residence: Oakland, California, U.S.A.



## Awards and Publications

- Co-author of IEEE 519, IEEE 1159, SEMI F47, IEC 61000-4-30, IEC 61000-4-34, IEC 61000-4-11
- Author of Electric Power Measurements and Handbook of Power Signatures
- Author/co-author/reviewer of many peer-reviewed technical articles in IEEE Transactions
- Recipient of 2001 Mungenast Award for lifetime contributions to the power quality industry
- Awarded IEC's 2001 Award for "outstanding contributions to writing IEC standards"
- Awarded 28 U.S. patents related to electric power
- Author of the Power Quality Teaching Toy program, used world-wide at universities
- Active in CIGRÉ, CIRED, and UIE Working Groups

## IEEE Activities

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

## IEC Activities

- Convenor, 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-Present Founder, President, 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 in 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, Singapore, Slovenia, Switzerland, Scotland, South Africa, Thailand, United States, and Vietnam