

Dr. Ronald B. Standler
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Goals

1. Senior-level position in scientific or engineering research. I am particularly interested in interdisciplinary work in development and evaluation of new technology. I am seeking an environment that genuinely respects creativity, innovation, and scholarship.
2. Professor of physics, electrical engineering, computer science, law, or history.
3. Assistant Dean for Academic Integrity — ideally with a joint appointment as a professor.

Education

- J.D., Franklin Pierce Law Center, Concord, NH, May 1998.
- Ph.D. in Physics, New Mexico Institute of Mining and Technology, December 1977.
- M.Sc. in Physics, New Mexico Institute of Mining and Technology, May 1975.
- B.Sc. in Physics, University of Denver, June 1971.

Publications

- Standler, *Protection of Electronic Circuits from Overvoltages*, Wiley-Interscience, 434 pp., 1989, republished by Dover Press in 2002.
- author of more than 35 archival papers in science and engineering published in either international journals or proceedings of international conferences.
- named inventor on three U.S. Patents.
- a bibliography is at the end of my curriculum vitae, which is posted on the Internet at: <http://www.rbs2.com/cv.htm>

Professional Skills in Science, Engineering, and Scholarly Research

- applied physics, particularly electromagnetics and acoustics.
- scientific research in thunderstorms, lightning, and electrical discharges in gases (1971-1979).
- design of electronic instrumentation (1973-1989), including measurement of currents from 0.1 pA to 10 kA and voltages from 0.1 mV to 40 kV.
- research & development in protection of electronic circuits and systems from surges, such as lightning and nuclear EMP (1982-1993). I am a recognized expert in this area.
- computer programming (1968-1995), principally design and validation of algorithms, statistical analysis of data, automatic data collection from instruments, and numerical models of physical phenomena.
- design of electronic circuits, both analog and digital.
- scholarly library research: I can find facts and evaluate information in physics, meteorology, electrical engineering, medicine, patents, engineering standards, and law. I have used DIALOG on-line databases since 1981.
- both technical writing and legal writing.

Legal Skills

- higher-education law, copyright law, torts, computer law, and First Amendment law.
- legal research: I used LEXIS during 1991-97, and WESTLAW extensively since 1995.
- narrative text about my legal skills is posted at <http://www.rbs2.com/job.htm#anchor222222>

Bar Admissions

- U.S. Supreme Court, 5 Aug 2002.
- U.S. Court of Appeals for the First Circuit, 11 Jan 2001.
- U.S. District Court, District of Massachusetts, 21 May 1999.
- Admitted to practice in patent cases before the U.S. Patent & Trademark Office, 16 Feb 1999.
- Admitted as an attorney in Massachusetts, 17 Dec 1998.

Recent Employment

- 1999-present, self-employed attorney in Massachusetts, concentrating in higher-education law, copyright law, and computer law.
- 1990-present, self-employed consulting engineer, nationwide consulting to litigators on scientific evidence in torts involving technology.
- 1984-1990, Associate Professor of Electrical Engineering, The Pennsylvania State University, State College, PA.
- 1983-1984, sabbatical as U.S. Air Force Research Scholar, Kirtland Air Force Base, NM.
- 1981-1983, Assistant Professor of Electrical Engineering, Rochester Institute of Technology.

Professional memberships

- American Association for Advancement of Science, member since 1971.
- Sigma Xi, The Scientific Research Society, member since 1980.
- Institute of Electronic and Electrical Engineers, senior member since 1986.
 - IEEE Electromagnetic Compatibility Society,
 - development and approval of ANSI/IEEE standards for surge-protective devices during 1982-1995; active participant in development of IEC standards for surge-protective devices during 1989-93.