

LENO S. PEDROTTI
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CURRENT POSITION: Emeritus Senior Vice President, CORD, Consultant

EDUCATION: BS in Education, Illinois State University, 1949
MS in Physics, University of Illinois, 1951
PhD in Physics, University of Cincinnati, 1961

PROFESSIONAL APPOINTMENTS

- Teaching Assistant, University of Illinois, 1949–1951
- Professor and Head, Department of Physics, Air Force Institute of Technology, Dayton, Ohio, 1951–1982
- Professor Emeritus, Air Force Institute of Technology, 1982–present
- Vice President / Senior Vice President, CORD, 1982–1996
- Emeritus Senior Vice President, Consultant, CORD, 1996–present
- Editor, CORD, 1975–present
- Author, editor, lecturer, Laser Electro-Optic Engineering Technology, Inc., 1978–1992
- Member, Industrial Advisory Committee, LEOT Program, Cincinnati Technical College, 1981–1982
- Technical Consultant, University Eye Surgeons, Inc., Ohio State University, 1979–1982
- Visiting Lecturer, United States Air Force Academy, 1979
- Member, Executive Committee Joint Services Optical Program, Optical Science Center, University of Arizona, 1975–1982

PROFESSIONAL MEMBERSHIPS:

- Vice Chairman, Ohio Section of the American Physical Society, 1974–1975
- Chairman, Ohio Section of the American Physical Society, 1975–1976
- Board of Directors, Laser Institute of America, 1974–1984
- Society memberships: American Nuclear Society, American Association of Physics Teachers, American Society for Engineering Education, American Vocational Association, National Council of Teachers of Mathematics, Optical Society of America, The International Society for Optical Engineering, Sigma Xi, Tau Beta Pi
- National Science Foundation Faculty Fellow, 1959–1961
- Fellow, Optical Society of America, 2000

AWARDS: Tau Beta Pi Outstanding Teacher Award, 1961, 1962, 1963, 1968
American Vocational Association Outstanding Membership Award, 1988
AVA Exhibition Association, SHIP Citation, 1994
United States Air Force: Meritorious Civilian Service Award, 1974
United States Air Force: Exceptional Civilian Service Award, 1982

SIGNIFICANT CONTRIBUTIONS:

- Author: *Introduction to Optics* (Prentice Hall, 1987; 2nd ed, 1993), *Optics and Vision* (Prentice Hall, 1998), *Principles of Technology* (CORD, 1987; 2nd ed, 1991), *CORD Applied Mathematics* (CORD, 1991; rev. 1994), *Tech Prep Associate Degree: A Win-Win Experience* (CORD, 1991), *The Science, Technology, Society Movement* (1993)

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- SIGNIFICANT CONTRIBUTIONS (cont):**
- Worked as a consultant with Sandia Laboratories (Dominique Foley Wilson), Albuquerque TVI, West Mesa High School, and the New Mexico Alliance for Optics and Photonics to help launch the Photonics Academy at West Mesa High and the Microtechnology Academy at Bernalillo High. Worked with A. Guenther and Dominique Foley Wilson to create and implement the Albuquerque Ladder of the Comprehensive Photonics Education Model.
 - Listed in: *American Men and Women of Science*, *Who's Who in America*, *Who's Who in Atoms*, *Who's Who in the South and Southwest*, *Who's Who in Technology Today*, *Who's Who in the World*