



CURRICULUM VITAE

12-8-15

ROGER WASHBURNE STAEHLE Ph.D.

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Specialties

- Corrosion and cracking of engineering materials and components.
- Lifetime prediction of engineering materials and components.
- Failure analysis.
- Forensic investigations.
- Organizing technical focus groups.

Vital

Born: February 4, 1934, Detroit, Michigan, U.S.A.

Education

- B. Met. Engr., The Ohio State University, 1957.
- M.S. Met. Engr., The Ohio State University, 1957.
- Westinghouse Reactor Engineering School, (6 months), 1959.
- Ph.D., The Ohio State University, 1965.

Employment

- Naval Officer and Nuclear Engineer with United States Navy and Atomic Energy Commission (with Vice Admiral H.G. Rickover), Naval Nuclear Reactor Development, 1957-1961.
- Graduate Student, Research Associate, and International Nickel Fellow, The Ohio State University, 1961-1963.
- Graduate Student, Research Associate, and Battelle Fellow, The Ohio State University, 1963-1964.
- Assistant Professor, The Ohio State University, 1965-1967.
- Associate Professor, The Ohio State University, 1967-1970.
- Professor, The Ohio State University, 1970-1979.
- Founder and Director, Fontana Corrosion Center, 1975-1979.
- Dean, Institute of Technology, University of Minnesota, 1979-1983.
- Professor, Chemical Engineering and Materials Science, Institute of Technology, University of Minnesota, 1979-1988.
- President & Chairman, Automated Transportation Systems, Inc. (currently Taxi-2000) Minneapolis, 1984-1986, (on leave from University of Minnesota).
- Industrial Consultant, North Oaks, Minnesota, 1961-Present.
- Adjunct Professor, University of Minnesota, 1988-2011.

Honors

- TMS Meeting, "Chemistry and Electrochemistry of Corrosion and Stress Corrosion," in honor of R.W. Staehle, New Orleans, February 2001.
- Electrochemical Society (ECS) Fellow Award, 2000.
- NACE Fellow Award, 1993.
- NACE T.J. Hull Award, for outstanding contributions to NACE in the field of publications, Corrosion'92, Nashville, TN.
- Distinguished Alumnus, The Ohio State University, College of Engineering, April, 1989.
- Willis Rodney Whitney Award from NACE for outstanding contributions to Corrosion Research, 1980.
- Research in Progress meeting of NACE; special award (1979) for organizing the first conference.
- National Academy of Engineering, 1978.
- International Nickel Professor of Corrosion Science and Engineering, 1971-1976.
- ASM Fellow, 1975.
- College of Engineering awards for achievement (three awards) 1966, 1969, and 1970.
- Ohio ASEE Award for Innovative Teaching, 1975.
- Honorary Professor, Suzhou Nuclear Power Institute, 2007.
- Honorary Professor, Nuclear Power Institute of China, 2012.

Publications

- 29 edited volumes.
- 227 publications.

Boards of Directors and Trustees

- Data Card Corporation, 1979-1983.
- Donaldson Company, Inc., 1979-1983.
- Teltech, Inc., 1984-1987.
- Great Northern Iron Ore Properties, 1982-Present.