

CURRICULUM VITAE (abridged)

WAYNE E. REITZ

EDUCATION

Ph.D., Mechanical Engineering (Metallurgy), **Oregon State University**

M.S., Metallurgy, **Georgia Institute of Technology**

B.S., Nuclear Engineering, **Georgia Institute of Technology**

PUBLICATIONS/ARTICLES/SEMINARS – authored, presented, attended over 35
(some recent)

“Cervical Stent Failure Analysis,” Journal of Failure Analysis and Prevention (JFAP), DOI
10.1007/s11668-013-9749-3, 2013.

“Assessment of Weld Embrittlement in A516 steel due to multiple repair welds,” JFAP, 11,
(6), 618-623, 2011.

“Failure Analysis—Part II, Case Histories,” Materials Performance (MP), NACE, 47, (1), pp.
72-75, 2008.

“Metallurgy of Stainless Steel Alloys – Welding and Corrosion,” Soc of Manufacturing Eng, Techn.
Paper, TP06PUB19, <http://www.sme.org/cgi-bin/get-item.pl?TP06PUB19&2&SME&>, 26 p., 3/8/06.

"Metallurgical Investigation into an Automotive Fire", JFAP, 6, (2), 18-21, 2006.

“Failure Analysis of Brass Bolt from Mausoleum,” JFAP, 5, (4), 22-27, 2005.

“Materials Basics for the Corrosionist,” ASM Metals Handbook, 10th edition, vol. 13A,
Corrosion, Materials Park, OH, 980-991, 2003 (with J. Rawers).

ACCREDITATIONS - none

LICENSES - Registered Professional Engineer: ND, OR, VA

AFFILIATIONS - ASM, ASTM, AWS, NACE, NCEES, NSPE, SAE, TMS

EXPERIENCE

2011 – Present: Senior Engineer, TAI

2012 – Present: Adjunct Professor, North Dakota State University (NDSU), Mech. Eng. Dept.

2000 – 2011: Owner / Principal, Reitz Consulting

2004 – 2011: Adjunct Professor, NDSU, Mech. Eng. Dept.

2004 – 2005 Sr. Research Scientist, Center for Nanoscale Science and Engineering

1997 – 2004: Assistant Professor, NDSU, Mech. Eng. Dept.

1980 – 1997: Principal Engineer, Babcock and Wilcox

Detailed CV upon request