

Curriculum Vitae: Carlson, Ronald J.

1. Name

Ronald J. Carlson

2. Education

M.S. in Aeronautical Engineering, Wichita State University, 1981

B.S. in Aeronautical Engineering, Wichita State University, 1978

B.S. in Mechanical Engineering, University of Nebraska, 1976

3. Academic experience

Assistant Professor (non-tenure track), School of Engineering and Computing Sciences,
Texas A&M University – Corpus Christi (TAMUCC), 2013-present (part time)

4. Non-academic experience

Rotating Equipment Specialist, Flint Hills Resources, Corpus Christi Complex, Corpus
Christi, Texas, 1995 to 2012

Rotating Equipment Specialist, South Western Oil and Refining Company, 1993 to 1995

Various positions with Phillips Petroleum Company including Rotating Equipment

Specialist, Corporate Vibration Analyst, Operations Engineer, and Designer, 1981 to
1993

Computer Aided Designer and Programmer, Boeing Military Airplane Company,
Wichita, Kansas, 1978 to 1981

5. Certifications or professional registrations

None

6. Current membership in professional organizations

Emeritus Member, Advisory Committee to the International Pump Users Symposium,
2011 to present

Function Team Leader, Process Industry Practices (PIP) Machinery Function Team, 2004
to 2012, and 2019

7. Honors and awards

Employee of the Month, Boeing Military Airplane Company, July, 1978

Stock awards for being in the top 5% of employees of Phillips Petroleum Company, 1985
and 1986.

8. Service activities (within and outside of the institution)

API 685 (Sealless Pumps) Second Edition and PIP REIE686/API RP 686 (Machinery
Installation and Installation Design) Second Edition

Leader of Sealless Pump Discussion Group at International Pump Users Symposium
(IPUS)

Initiated and lead Emission Control Short Course at IPUS

Assisted with FIRST Robotics competition, 2015 to Present

Assisted with Science Olympiad, 2014 to 2018

9. Most important publications and presentations (past five years)

Numerous practices (over 20) by the PIP Machinery Function Team since 2010

Most recent professional development activities

Attend quarterly Process Industry Practices meetings to develop guidelines for machinery
applications