Curriculum Vitae

1 Name:

Jon A. Herlevich, Jr.

2 Education:

B.S., Chemical Engineering, Michigan Technological University	1994
M.S., Chemical Engineering, Michigan Technological University	1997
Associates Certificate, Project Management, George Washington University	2002
Executive Leadership Program, Kenan-Flagler Business School, University of North Carolina	2013
Graduate Studies in Pastoral Ministry, Athenaeum of Ohio	2017-2019
Graduate Studies in Theology, Franciscan University	2020

3 Academic experience:

Michigan Technological University, Professor of Practice, Aug, 2022 – present (full-time)

Michigan Technological University, Instructor, 2021 – 2022 (part-time)

Michigan Technological University, Graduate Research Assistant, 1994 – 1996 (full-time)

4 Non-academic experience:

MPLX, Operations Director, Operational Excellence, Natural Gas Gathering and Processing Division, Canonsburg, Pennsylvania, 2019 – 2020 (full-time)

Marathon Petroleum, Division and Operations Manager, Cincinnati Renewable Fuels, Biodiesel Production, Cincinnati, Ohio, 2019 – 2020 (full-time)

Marathon Petroleum, Technical Services Manager, Refinery Leadership Team, Detroit Petroleum Refinery, Detroit, Michigan, 2008 – 2014 (full-time)

Marathon Petroleum, Operations Supervisor, Delayed Coking and Hydrotreating Areas, Garyville Petroleum Refinery, Garyville, Louisiana, 2007 – 2008 (full-time)

Marathon Petroleum, Process Design Supervisor, Operational Excellence, Catlettsburg
Petroleum Refinery, Catlettsburg, Kentucky, 2001 – 2007 (full-time)

Marathon Petroleum, Optimization and Design Engineer, Robinson Petroleum Refinery,
Robinson, Illinois, 1996 – 2001 (full-time)

5 Certifications or professional registrations:

Engineer-In-Training (EIT), Michigan, 1994

6 Membership in professional organizations:

American Institute of Chemical Engineers (AIChE)

7 Honors and awards:

Corporate Hero Award, United Way of Greater Cincinnati (2 times) 2017-18

8 Service activities:

Member, Local Emergency Planning Committee, Hamilton County, Ohio, 2018-19

Industry Panelist, University of Cincinnati, Cincinnati, Ohio, 2018

Mentor, Winton Hills Academy, Cincinnati, Ohio, 2018-19

Mentor, Oyler Elementary School, Cincinnati, Ohio, 2015-19

9 Most important publications and presentations:

Panelist, Freshman Career Seminar Q&A Panel, University of Cincinnati, Cincinnati, Ohio
(2018).

Panelist, Crude/Vacuum Distillation and Coking Q&A Panel, American Fuels and Petroleum
Manufacturers Annual Technology Forum, Dallas, Texas (2013).

Weaver, E.H., S.T. Eagleson, A.H. Roth, and J.A. Herlevich, Jr., "Wet Scrubbing for FCCUs
– A Case Study Examining Site Specific Design Considerations," Presented at the
National Petrochemical and Refiners Association Annual Meeting Paper AM-01-12
(2001).

Herlevich, J.A., T.N. Rogers, and B.A. Barna, "Conceptual Design Stage Chemical Process
Evaluation to Optimize Economic, Safety, and Pollution Prevention Attributes: A
Comprehensive Assessment of Heat and Power Cogeneration Processes," Proceedings:

<u>32nd Intersociety Energy Conversion Engineering Conference-Conversion Technologies</u> Paper 97440 (1997).

Herlevich, J.A., "Conceptual Design Stage Chemical Process Evaluation to Optimize Economic, Safety, and Pollution Prevention Attributes - A Comprehensive Assessment." <u>Master of Science Thesis</u> (1997).

Shonnard, D., T.N. Rogers, B.A. Barna, D.A. Crowl, J.A. Herlevich, D. Stark, P. Parikh, A.A. Kline, and P. Radecki,"Pollution Assessment Software as Chemical Industry Process Simulator Enhancements," <u>Proceedings: Fifth World Congress of Chemical Engineering</u> pp. 329-37 (1996).

Barna, B.A., D.W. Caspary, D.A. Crowl, J.A. Herlevich, Jr., A.J. Pintar, and T.N. Rogers, <u>Safety in Chemical Engineering Design—Problem Set</u> (Center for Chemical Process Safety of the American Institute of Chemical Engineers, New York) 108 pp. (1995).

Hand, D.W, D.L. Perram, J.A, Herlevich, Jr., and J.C. Crittenden., "Removal of trichloroethene using synthetic adsorbents," <u>American Water Works Association Journal</u> Vol. 86, No. 8, pp. 64-72 (1994).