

**Department of Chemical & Biomolecular Engineering
The University of Akron**

1. NAME AND ADDRESS:

Name: Donald P. Visco, Jr.

Office: ASEC 205B

Phone: (330) 972- 7930

dviscoj@uakron.edu

2. EDUCATION:

Ph.D	Chemical Engineering	University at Buffalo	1999
B.S.	Chemical Engineering	University at Buffalo	1992

3. ACADEMIC EXPERIENCE:

Professor	Dept of Chemical & Biomolecular Engr	2011- Present
Professor	Tennessee Tech University	2008-2011
Associate Prof.	Tennessee Tech University	2004-2008
Assistant Prof.	Tennessee Tech University	1999-2004

4. NON-ACADEMIC EXPERIENCE:

1992-1994	US Navy, Nuclear Propulsion Program
1996-1996	Allied Signal, Inc., Research Engineer
1991-1991	Union Carbide Corp. Engineering Intern

5. CERTIFICATIONS AND PROFESSIONAL REGISTRATIONS:

Engineering in Training, NY, 1992

6. CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:

AIChE, ASEE

7. HONORS AND AWARDS:

Fellow, ASEE, 2015

Joseph J. Martin Award, ASEE (National Chemical Engineering Division), 2011

National Outstanding Teaching Award, ASEE, 2009

Ray E. Fahien Award, ASEE (National Chemical Engineering Division), 2006

Presidential Early Career Scientist and Engineer Award (PECASE), 2004

8. SERVICE ACTIVITIES:

Chair, Education Division, AIChE, 2011 – 2013

Chair, Chemical Engineering Division, ASEE, 2008

Meeting Technical Program Chair, ASEE-SE Section, 2007

Chair, New Engineering Educators, ASEE, 2005

9. IMPORTANT PUBLICATIONS OVER THE LAST FIVE YEARS:

- a. J. Chen and D. Visco, Jr. "Developing an in silico pipeline for faster drug candidate discovery: Virtual high throughput screening with the Signature molecular descriptor using support vector machine models", *Chem Eng Sci* (2016). In press.

- b. D. P. Visco and D. Schaefer, "Training Engineering Faculty to be Educators", ASEE Annual Meeting and Exposition Proceedings, 2015.
- c. H. Li, D. P. Visco, Jr. and N. Leipzig, "Confirmation of Predicted Activity for Factor XIa Inhibitors from a Virtual High-Throughput-Screening Approach", *AIChE J*, 60, 2741 - 2746 (2014).
- d. N. Shlonimskaya, J. Biernacki, H. Kayello and D. P. Visco, Jr. "An Application of Computer-Aided Molecular Design (CAMD) Using the Signature Molecular Descriptor – Part 2: Evaluating newly identified surface tension reducing substances for potential use a shrinkage reducing admixtures", *Journal of the American Ceramic Society*, 97, 378 – 385 (2014).
- e. K. Dahm and D. P. Visco, Jr., Fundamentals of Chemical Engineering Thermodynamics, Cengage, 2014.

10. PROFESSIONAL DEVELOPMENT OF THE LAST FIVE YEARS:

- a. Attendance at AIChE Annual Meeting (every year, except 1, for the last 15 years)
- b. Attendance at most sectional and national ASEE meetings during the last decade