

# Brandon G. VanNess

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## Professional Experience:

- Organic Chemistry Laboratory Manager. Wright State University. Aug. 2019 – present  
Courses taught include: Organic Chemistry I and II, Organic Chemistry Recitation and Laboratory I and II.
- Assistant Professor of Chemistry. Morehead State University. Aug. 2016 – Aug. 2019
- Instructor of Chemistry. Morehead State University. Jan. 2013 – July 2016  
Courses taught include: Survey of General Chemistry (GOB), Survey of Organic Chemistry (GOB), General Chemistry I and II, Organic Chemistry I and II, Special Topics, Senior Thesis Research, and Laboratories associated with survey courses, general and organic chemistry
- Graduate Teaching Assistant. The Ohio State University. August 2007 – August 2012
- Graduate Teaching Assistant. Wright State University. June 2005 – June 2007

## Education:

- Ph.D. in Organic Chemistry, August 2012. The Ohio State University, Columbus, OH.  
Advisor: Dr. Craig J. Forsyth
- M.S. in Chemistry, June 2007. Wright State University, Dayton, OH.  
Advisor: Dr. Daniel M. Ketcha
- B.S. in Chemistry, May 2005. Miami University of Ohio, Oxford, OH.

## Publications:

- Blankenbuehler, M. T.; Van Ness, B. Staying the Course. In *Building and Maintaining Award-Winning ACS Student Member Chapters Volume 3*; Mio, M. J., Benvenuto, M. A., Eds.; ACS Symposium Series: Columbus, OH, **2018**; pp. 17-25.
- VanNess, B.G., Black, M.K., Gullett, C., & O’Keefe, J.M.K. “A recycling method for LST contaminated with humic acids and finely disseminated organic particles during heavy liquid separation in palynological processing.” *Palynology*, **2017**, *41*, 498-503.

## Student Research Poster Presentations:

- Bradley, S.; Little, S.; VanNess, B.G. “Investigating the synthesis of LMA-P2.” 14<sup>th</sup> Annual Celebration of Student Scholarship, Morehead, KY, United States, April 24, **2019**.
- Fitzpatrick, C.; Jenkins, R.; VanNess, B.G. “Chemical characterization of Kentucky honeys.” 257<sup>th</sup> American Chemical Society Meeting, Orlando, FL, United States, March 27 – April 3, **2019**.
- Little, S.; Bradley, S.; VanNess, B.G. “Investigating the synthesis of LMA-P2.” 257<sup>th</sup> American Chemical Society Meeting, Orlando, FL, United States, March 27 – April 3, **2019**.

- Jenkins, R.; Fitzpatrick, C.; VanNess, B.G. “The chemical characterization of Kentucky honeys.” 104<sup>th</sup> Annual Meeting of the Kentucky Academy of Sciences, Bowling Green, KY, United States, November 2-3, **2018**.
- Bradley, S.; Slone, C.; VanNess, B.G. “Enantioselective cross aldol reactions of aldehydes.” 104<sup>th</sup> Annual Meeting of the Kentucky Academy of Sciences, Bowling Green, KY, United States, November 2-3, **2018**.
- Little, S.; VanNess, B.G. “Investigating the synthesis of LMA-P2.” 104<sup>th</sup> Annual Meeting of the Kentucky Academy of Sciences, Bowling Green, KY, United States, November 2-3, **2018**.
- Little, S.; VanNess, B.G. “Investigating caffeine levels in water sources in Morehead, Kentucky.” 13<sup>th</sup> Annual Celebration of Student Scholarship, Morehead, KY, United States, April 25, **2018**.
- Slone, C.; VanNess, B.G. “Enantioselective cross aldol reactions of aldehydes.” 255<sup>th</sup> American Chemical Society Meeting, New Orleans, LA, United States, March 18-22, **2018**.
- Little, S.; Miller, B.; West, M.; VanNess, B.G. “Determination of caffeine in water sources in Morehead, KY.” 255<sup>th</sup> American Chemical Society Meeting, New Orleans, LA, United States, March 18-22, **2018**.
- Schneider, J.C.; VanNess, B.G. “Adapting an organic chemistry course for the visually impaired.” 12<sup>th</sup> Annual Celebration of Student Scholarship, Morehead, KY, United States, April 26, **2017**.

#### **Scholarly Activity: Funded Grants**

- National Meeting Travel Grant, American Chemical Society, 2019. \$300
- “Physiochemical characterization of Kentucky honey samples from various floral origins.” Morehead State University's Research and Creative Productions, 2019. \$5,000.00
- “Investigating the synthesis of the novel anti-cancer natural product LMA-P2.” Kentucky Academy of Sciences 2018. \$5,000.00
- “Synthesis of the novel anti-cancer natural product LMA-P2.” Morehead State University's Research and Creative Productions, 2017. \$5,000.00
- “Studying the MacMillan’s enantioselective cross-aldol reaction for LMA-P2.” Biology and Chemistry Faculty Research Endowment, 2016. \$966.14

#### **Affiliations:**

- American Chemical Society, 2007 – 2020
- Kentucky Academy of Science, 2016 – 2019.

#### **Service Activities:**

*Wright State University*

- Safety Committee, Department of Chemistry, 2019 - present

*Morehead State University:*

- Chemistry Undergraduate Curriculum Committee, Chair, 2018 - 2019
- College of Science Honors Day Committee, chair, 2017 - 2018

- Student Association of the American Chemical Society, Co-Advisor, 2016 - 2019
- MSU ADA-ACT Task Force, member, 2016 – 2019

*Community:*

- Kentucky Science and Engineering Fair, Judge, March 24, 2018

**Professional Development Activities:**

- Morehead State University Grant Writing workshop, October 26, 2017
- KBRIN Grant Writing workshop, University of Louisville, November 4, 2016
- Diversity Services 101, professional development seminar, August 9, 2016
- New Faculty Institute, August 8 – 9, 2016
- UTeach Conference, Austin, Texas, May 24 – 26, 2016
- Diversity Services 101, professional development seminar, August 11, 2015

**Awards**

- Honors for making MSU's campus a more inclusive, accessible, and welcoming environment for students with disabilities, Morehead State University Office of Disability Services, March 31, 2016.