

**1. Name**

Ning Zhang

**2. Education**

- Ph. D, Civil Engineering, West Virginia University, Morgantown, WV, 2012
- M.S., Civil Engineering, West Virginia University, Morgantown, WV, 2008
- B.S., Environmental Engineering, Dalian University of Technology, Dalian, China, 2004

**3. Academic experience**

- Central State University, Wilberforce, OH, Associate Professor, Full time, 09/2017 – Present
- Central State University, Wilberforce, OH, Assistant Professor, Full time, 09/2012 – 08/2017
- National Research Center for Coal and Energy, Water Research Institute, Morgantown, WV, Research Assistant, Part time, 05/2012 – 08/2012
- West Virginia University, Morgantown, WV., Research Assistant, Part time, 08/2005 – 05/2012
- Dalian University of Technology, China, Research Assistant, Part time, 09/2003 – 07/2004

**4. Certifications or professional registrations**

- Registered Engineering in Training

**5. Current membership in professional organizations**

- American Association of University Professors (AAUP)

**6. Honors and awards**

- Teaching assistantship/ scholarship, West Virginia University, USA, 2005-2012
- Outstanding Academy Scholarship for undergraduate student, Dalian University of Technology, China, 2002
- Outstanding Academy Scholarship for undergraduate student, Dalian University of Technology, China, 2001

**7. Service activities**

UNIVERSITY SERVICE

- Committee member, Preparation for ABET accreditation for Environmental Engineering, Central State University, 2013 - present
- Search Committee Chair, Chair, administrative coordinators (2 position) search committee, Feb, 2020
- Committee Member, Dean for the College of Business Search Committee, Feb – Mar., 2020
- Committee member, Committee on Academic Calendar and Honorary Degrees, 2016 – 2020
- Committee member, Committee on General Education – Writing Across the Curriculum, 2016 - 2020

REVIEW ACTIVITIES

- Reviewer for *Annals of Microbiology*, 2014
- Reviewer for *Reactive and Functional Polymers*, 2014
- Reviewer for *World Journal of Microbiology and Biotechnology* - 2014
- Reviewer for *Journal of Hazardous Material*, 2012

8. **Briefly list the most important publications and presentations**

PEER REVIEWED JOURNAL PAPER

1. **Zhang, Ning**; Dianchen Gang; Louis McDonald; and Lian-Shin Lin (2018) Background Electrolytes and pH Effects on Selenate Adsorption Using Iron-impregnated Granular Activated Carbon and Surface Binding Mechanisms, *Chemosphere*, 195, 166 -174.
2. Yan, Dong; Dianchen Gang; **Ning Zhang** and Lian-Shin Lin (2013) Adsorptive selenite removal using iron-coated GAC: modeling selenite breakthrough with the pore surface diffusion model, *Journal of Environmental Engineering*, 139, 213 – 219.
3. Yan, Dong; Dianchen Gang; **Ning Zhang** and Lian-Shin Lin (2011) Iron oxide-coated GAC adsorbents: diffusion-controlled sorption of selenite, *Industrial and Engineering Chemistry Research*, 50, 2214 – 2219.
4. **Zhang, Ning**; Dianchen Gang and Lian-Shin Lin (2010) Adsorptive removal of ppm- level selenate using iron-coated GAC adsorbents, *Journal of Environmental Engineering*, 136 (10), 1089-1095.
5. **Zhang, Ning**; Lian-Shin Lin and Dianchen Gang (2008) Adsorptive selenite removal from water using iron-coated GAC adsorbents, *Water Research*, 42(14), 3809-3816.

CONFERENCE PROCEEDINGS

1. Zhang, Ning; Cadance Lowell; Desheng Liu and Xiaofang Wei (2020) A design of research based summer workshop for STEM undergraduate students education and engagement at minority institution, Proceeding of the 2020 American Society of Engineering Education (ASEE) annual conference.
2. Dong Yan, Daniel D. Gang; **Ning Zhang**; Lian-Shin Lin (2010) Modeling selenite breakthrough with the pore surface diffusion model in iron coated granular activated carbon packed bed columns, Proceedings of the 83rd Annual Water Environment Federation Technical Exhibition and Conference, 5717 - 5727.

9. **Briefly list the most recent professional development activities**

RESEARCH GRANTS

- Co-Principle Investigator: “Strengthening Agricultural Hyperspectral Imaging Education and Research at Central State University”, funded by National Institute of Food and Agriculture (NIFA) Capacity Building Grants Program, 2017 – 2020. Total amount: \$ 599,999
- Co-Principle Investigator: “Role of water quality in sustainable food production on urban landscapes”, funded by National Institute of Food and Agriculture (NIFA) Capacity Building Grants Program, 2017 – 2020. Total amount: \$595,014

WORKSHOP

- APLU HBCU Engineering Faculty Workshop, Nashville TN, May 2019.