

EDUCATION

University of North Texas, Denton, TX

Expected May 2019

Advisor: Dr. Teresa D. Golden

PhD, Chemistry

- Science and Math: Advanced Mass Spectrometry, Modern Analytical Chemistry, Organic chemistry, Advanced Inorganic Chemistry, Physical Chemistry, Advanced Analytical Chemistry, Advantage physical Chemistry, Special Topic Electrochemistry

North Park University, Chicago, IL

May 2014

BS, Chemistry

Grants and Awards

- 2015- Present Toulouse Graduate School tuition award
- 2014 – Present University of North Texas Chemistry Department Teaching Assistantship
- 2014 University of North Texas Academic Achievement Scholarship
- 2011 North Park University Chemistry Department Honors Scholarship
- 2010 – May 2014 North Park University International Student Honors Scholarship

KEY SKILLS & INTERESTS

- ATR-FTIR
- UV-Vis
- Gas Chromatography Coupled with Mass Spectrometry
- Triple Quadrupole Mass Spectrometry
- Gas Chromatography
- Liquid Chromatography
- Thermogravimetric analysis
- Fluent in Vietnamese and English

PROFESSIONAL WORK EXPERIENCE

University of North Texas, Denton, TX

January 2015 – Present

Teaching Assistant

- Teaching lab and grade students lab report

North Park University, Chicago, IL

August 2013-May 2014

Teaching Assistant

- Prepare lab and test experiments before classes each week
- Repair and clean up materials and chemicals

Tutor, General Chemistry

- Helping students with homework and lab reports
- Working one on one with students

RESEARCH EXPERIENCE

North Park University, Chicago, IL

August 2013- May 2014

- Investigated the interactions between soil components and endocrine disrupting compounds
- Performed calculation on Spartan
- Using UV-Vis, FTIR spectroscopy, and Raman spectroscopy
- Presented at North Park University Undergraduate Symposium

University of North Texas, Denton, TX

August 2014- Present

- Analyzing blood alcohol level using GC-Headspace.
- Developing fuel cells breathalyzer using new material for the sensor.

INDUSTRY EXPERIENCE

Brewer Science, Inc., Rolla, MO

May 2015- August 2015

- Analyzing for validation and routine tests using multiple instruments.
- Method developing for different components.

LEADERSHIP AND VOLUNTEER ACTIVITIES

Swedish Covenant Hospital, Chicago, IL

August – September 2012

Volunteer Pharmacy Technician

- Organize and prepare prescriptions for the hospital's Pharmacy Department.

References

- **Dr. Teresa D. Golden, PhD**
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