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CURRICULUM VITA

EDUCATION

- Ph.D. Chemistry, University of Toledo, Toledo, Ohio 2005
- M.A. Chemistry, China Institute of Atomic Energy, Beijing, PR China 1991
- B.A. Chemistry, Shanxi University, Taiyuan, PR China, 1985

EXPERIENCE *(List all previous teaching and administrative positions held relative to Higher Ed.)*

- Prairie View A&M University
Lecturer, 2019 – Present
Courses: Introduction to General Chemistry
- Rice University
Visiting Scholar, 2017 – Present
- University of Louisiana at Lafayette, 2008 - 2016
Instructor
Courses: General chemistry and General Chemistry Lab

PROFESSIONAL, TECHNICAL AND WORK-RELATED EXPERIENCE AND SKILLS

- University of Louisiana at Lafayette, NMR and Raman Research Scientist, Lafayette, Louisiana, 2010 – 2016
- Fluent in English and Chinese

PROFESSIONAL ACHIEVEMENTS AND PUBLICATIONS *(5-7 most recent)*

- **Yuemin Liu**, Thomas Junk. In-depth Normal Mode Analysis of Seven Prominent Raman Bands of TNT at Bond Level from Isotopic Shifts of TNT-d5. *Journal of Molecular Structure*. 1143, (2017) 438–443.
- **Yuemin Liu**, Thomas Junk, Yucheng Liu, Nianfeng. Tzeng and Richard Perkins. Benchmarking Quantum Mechanical Calculations with Experimental NMR Chemical Shifts of 2-HADNT. *Journal of Molecular Structure*. 1086 (2015) 43-48
- **Yuemin Liu**, Yucheng Liu, August A. Gallo, Katherine D. Knierim, Eric R. Taylor, Nianfeng Tzeng. Performances of DFT methods implemented in G09 for simulations of dispersion-dominated CH- π Interaction in ligand–protein complex: A case study with glycerol-GDH. *Journal of Molecular Structure*. 1084 (2015) 223-228.
- **Yuemin Liu**, August A. Gallo, Jan Florian, Wu Xu, and Rakesh Bajpai. CH \cdots π Interactions Do Not Contribute to Hydrogen Transfer Catalysis by Glycerol Dehydratase. *J. Phys. Chem.* ((2011) 115(41); 11162-11166.