

## Curriculum Vitae

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### **Education**

University of Akron, Akron, OH  
Ph.D. in Chemistry

Ubonratchathani University, Ubon Ratchathani, Thailand  
B.Sc. in Chemistry

### **Teaching Experience**

Brookhaven College, Farmers Branch, TX January 2014 – present  
Adjunct Faculty – CHEM-1411 General Chemistry I and CHEM-1412 Introductory Chemistry I

University of Akron, Akron, OH May 2001 – July 2005  
Teaching Assistant – Organic Chemistry I&II, General Organic and Biochemistry I

### **Selected Publications and Papers**

1. Jiang, W.; Lumata, L.; Chen, W.; Zhang, S.; Kovacs, Z.; Sherry, A.D.; Khemtong, C. "Hyperpolarized <sup>15</sup>N-pyridine Derivatives as pH-sensitive MRI Agents" *Sci. Rep.*; 2015, 5, 9104.
2. Khemtong, C.; Carpenter, N.R.; Lumata, L.L.; Merritt, M.E.; Kovacs, Z.; Malloy, C.R.; Sherry, A.D. "Hyperpolarized <sup>13</sup>C NMR Detects Rapid Drug-Induced Changes in Cardiac Metabolism" *Mag. Reson. Med.*; 2015, 74, 312-319.
3. Chen, H.; Khemtong, C.; Chang, X.; Yang, X.; Gao, J. "Nanonization Strategies for Water Insoluble Drugs" *Drug Discov. Today*, 2011, 16, 354-360.
4. Khemtong, C.; Togao, O.; Ren, J.; Kessinger, C.W.; Takahashi, M.; Sherry, A.D.; Gao, J. "Off-resonance Saturation Magnetic Resonance Imaging of Superparamagnetic Polymeric Micelles: Theoretical Calculations and Validations" *J.Magn. Reson.* 2011, 209, 53-60.
5. Khemtong, C.; Kessinger, C.W.; Gao, J. "Nanocomposite Particles for Cancer MR Imaging and Drug Delivery", *Chem. Comm.* 2009, 24, 3497-3510.