



adams@oshaliang.com
713.228.8600

909 Fannin
Suite 3500
Houston, Texas 77010
fax: 713.228.8778

Areas of Practice

Patent Prosecution

Industries Served

Chemical
Pharmaceuticals & OTCs
Synthetic Chemistry
Analytical Chemistry
Food Science
Microbiology
Automotive

Education

Ph.D., Organic Chemistry,
University of Houston (2018)
B.S., Biochemical & Biophysical Sciences,
University of Houston (2012)

Languages

English

Michael J. Adams, Ph.D. Patent Engineer

Dr. Adams assists with prosecuting foreign and domestic patents in chemical-related industries with specific work in the fields of microbiology, polymer chemistry, industrial nanoparticle synthesis, and product research and development. Four years of industrial chemistry and biology experience and a further eight years of research experience have provided Dr. Adams with a breadth of knowledge and expertise invaluable to his current IP practice.

Prior to joining Osha Liang, Dr. Adams worked as the Quality Director of Texas Manufacturing at International Nutrition & Wellness Holdings. His work experience includes leadership and management roles at United 1 International Laboratories, ProTec Laboratory, Advanced Organic Synthesis, LLC and at the University of Houston as well as successful collaborations operating in established laboratory environments.

Selected Publications and Presentations

- Anh H. Ngo, Michael J. Adams, Loi H. Do. "Selective Acceptorless Dehydrogenation and Hydrogenation by Iridium Catalysts Enabling Facile Interconversion of Glucocorticoids," *Organometallics*, (2014)
- Adams, M. "Development of Homogeneous Aqueous Transition Metal Catalysts for Sustainable Chemistry," *Doctoral Defense Lecture*. (2018)
- Adams, M. "Green chemistry: homogeneous aqueous catalysis," *Research Lecture*. (2017)
- Adams, Michael; Do, Loi. "Alkyne hydration catalyzed by cobalt salen and salophen derivatives," *72nd Southwest Regional Meeting of the American Chemical Society, Research Lecture*. (2016)
- Adams, M. "Organic solid state gain media for lasers." (2016)
- Adams, M. "Catalytic systems for biological reactions." (2015)

Professional Activities and Memberships

- American Chemical Society (ACS) 2010-2018
- Society of Plastics Engineers (SPE) 2016-2017
- Vice President – University of Houston Phi Alpha Delta (PAD) 2015-2017