

## **Mark Yang (Weihang Yang)**

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Houston, TX 77004

### **Education:**

*University of Houston*, Houston, TX, 2011-2014  
Master of Science in Geology, 2014

Thesis: High precision determination of trace elements in crude oils by ICP-OES/MS

Courses highlighted: Petroleum Systems Analysis, Petroleum Geochemistry, ArcGIS for Geologists, Introduction to ArcGIS, 3D Seismic Exploration I, Basin Modeling, Remote Sensing

*Jilin University*, Changchun, Jilin, China, 2007-2011  
Bachelor of Petroleum Geology, 2011

Thesis: The sedimentary characteristics of the second member of the Yingcheng Formation at the eastern margin of the Songliao Basin

Courses highlighted: Historical Geology, Lithology, Structural Geology, Stratigraphy, Petroleum Geology

### **Software:**

ArcGIS 10.1, Genesis 5.34, Kingdom SMT 8.7.1, PetroMod 11 1D & 2D, ENVI 4.8, CorelDraw

### **Research Experience:**

Department of Earth and Atmospheric Sciences, University of Houston, Spring 2013-Fall 2014  
Research advisor: Dr. John F. Casey, Dr. Yongjun, Gao, and Dr. Adry, Bissada

- Development of a working method for high precision determination of trace elements in crude oils
- Application of the developed working method to the crude oil reference material NIST 8505 and natural crude oil samples from sedimentary basins around the world.

College of Earth Sciences, Jilin University, Fall 2010-Spring 2011  
Research advisor: Dr. Rihui Cheng

- Investigated the sedimentary characteristics of the second member of the Yingcheng Formation at the eastern margin of the Songliao Basin in China