

Jingjing Zong

(832) 652-9698; jzong@uh.edu

EDUCATION

University of Houston

PhD. Candidate of Geophysics (08/2014-Present), Advisor: Robert R. Stewart, GPA 3.745/4.00

Masters of Geophysics (08/2012-04/2014), Advisor: Robert R. Stewart, GPA 3.768/4.00

Thesis: Elastic properties of rock salt: lab measurements, numerical modelling, logging and seismic surveys in GoM

China University of Petroleum

Bachelor of Engineering, Applied Geophysics (09/2008-05/2012), Major GPA: 87.25/100

Thesis: Azimuthal angle's effect on 3D velocity analysis

PAPER

Jingjing Zong, Robert R. Stewart, Nikolay Dyaur, Michael T. Myers, *Elastic properties of rock salt: Lab measurements and Gulf of Mexico well log analysis*. **Geophysics**, 82(5), 2017.

Abigail M. Ross, **Jingjing Zong**, Robert R. Stewart, Bob Willey, *Exploring for water using resistivity methods at the UH 2017 Geophysics Field Camp*. **The GSH Journal**, in press.

Jingjing Zong, Robert R. Stewart, Nikolay Dyaur, Michael T. Myers, *Elastic properties of salt: Ultrasonic lab measurements and the Gulf of Mexico well log analysis*. **SEG/Dallas 2016 Expanded Abstract**.

Jingjing Zong, Suelyman Coskin, Robert R. Stewart, Nikolay Dyaur, *Salt density and velocity with the application to Gulf of Mexico salt domes*, **SEG 2015 Post-convention Workshop: Salt Challenges in Hydrocarbon Exploration**.

Jingjing Zong, Robert R. Stewart, Nikolay Dyaur, *Elastic properties of salt: Lab measurements and well log analysis in Gulf of Mexico*, **SEG/New Orleans 2015 Expanded Abstract**.

Jingjing Zong, Robert R. Stewart, Nikolay Dyaur, *Elastic properties of salt: Lab measurements and GoM well log analysis*, **The GSH Journal**, V5 N1, Sep 2014.

Jingjing Zong, Robert R. Stewart, Nikolay Dyaur, *Salt anisotropy: Ultrasonic lab experiments and traveltimes ramifications*, **SEG/Denver 2014 Expanded Abstract**.

Yongqiang Sun, Ruyou Chao, **Jingjing Zong**, *High-precision seismic data acquisition technique and effectiveness analysis in complex fault zones*, **Journal of Oil and Gas Technology**, July 2011.

INTERNSHIP

2016 Internship with Shell E&P Company, Houston, TX

Work in the Upstream Development organization in a multi-disciplinary role that involves rock physics, petrophysics, geomechanics, and geophysics. Project title: Quantitative interpretation of the seismic anomalies of the near-surface marine sediments.

2014 Internship with Borehole Seismic, LLC, Houston, TX

Process and interpret micro-seismic and other geophysical data.

2011 Internship with Jiangsu Petroleum Exploration Bureau, Sinopec

Research on three fault zones in Jiangsu oil fields with a series of high-precision seismic data acquisition techniques. Applied this technique to Gaoyou Depression and achieved good results.

2010 Internship with Logging Branch of SLOF (Shengli Oil Field), Sinopec

Acquisition, on-site seismic processing and interpretation.

ACADEMIC EXPERIENCE

2017 SEG and AAPG Rock Physics technical session chairman

2015-2017 SEG Rock Physics technical session chairman & reviewer

2015 SEG/ExxonMobil SEP student education program

2015 SEG/Halliburton EVOLVE student program, Captain of the Team Astro

2014-2017 Teaching assistant of Reservoir Geophysics, Petroleum Geology, and physical Geology lab, UH

2014 Pierre shale field acquisition in South Dakota

2014 VSP and well logging survey in La Marque, Houston, TX

2012-2014 Seismic acquisition and processing in Bayou, LA, Needville, and Hockley Salt Dome, TX

COMPUTER SKILL

Software: RokDoc, Techlog, nDi GeoSign, Vista, Specfem2D/3D, Hampson Russell, DecisionSpace, Kingdom, Origin, Maple, ArcGIS, Geosoft-Montaj, etc.

Programming: Matlab, Python, Fortran, Visual C.

HONOR & AWARD

2017 Dept. of Excellence Fund Scholarship for Outstanding Graduate Work in Geophysics, UH

2015-2017 BP Scholarship for Outstanding Graduate Work in Geosciences, UH

2015 AAPG Sherman A. Wengerd Memorial Grand, Grands-in-aid Program

2014 Sheriff Lecture 1st Place Advanced MS/1st Year Ph.D. Student Award, UH

2014 Chevron Scholarship for Outstanding Academic Achievement in Geophysics, UH

2012 Honorable Mention Prize in American Mathematical Contest (MCM)/ The Interdisciplinary Contest in Modeling (ICM) Contest

2010 Arts and sports talent scholarship, China University of Petroleum

2010 Outstanding Student Cadre, China University of Petroleum

2009 Science and Technology Innovation scholarship, China University of Petroleum