

SEAN ROMITO, M.Sc.

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PROFESSIONAL EXPERIENCE

University of Houston, Graduate Research Assistant, Presidential Fellow July 2018-Present

- Advised by Dr. Paul Mann, Conjugate Basins, Tectonics, and Hydrocarbons (CBTH) project researcher
- Interpreting tectonic terranes and crystalline basement of the Caribbean plate and hydrocarbon generation potential
- Evaluating the conjugate basin tectonostratigraphic and petroleum system evolution of the South Gabon and Camamu-Almada basins

Selman & Associates, Lead Wellsite Geologist January-June 2018

- Worked with various companies, multinational and independent, across the Permian and Midland basins
- Performed up-to-the-minute geological interpretation of borehole cuttings and gas readings
- Interpreted key lithological boundaries to optimize well drilling and casing
- Functioned as the primary geological representative on-site
- Prepared high-quality and accurate geological and technical reports for diverse clients

Texas Commission on Environmental Quality, Geology Intern May-August 2017

- Mapped multiple key horizons across a 15,000-square mile area in the Texas Panhandle
- Interpreted more than 500 well logs, scout cards, and driller reports
- Generated quality structure contour maps for basement and related strata for the TCEQ and regulated entities
- Professionally reported findings to the TCEQ and at several conferences

AAPG Imperial Barrel Award Competition, Team Leader January-March 2017

- Carried out in-depth seismic and well-log interpretation of a large 2D dataset offshore New Zealand
- Characterized basin, play, and petroleum system evolution in the basin, evaluated prospects, completed volumetric and risk analyses
- Prepared a comprehensive, professional-quality geological report and presented to industry leaders in a competitive environment

EDUCATION

Ph.D. Geology, University of Houston, Houston TX Expected May 2021
GPA 3.89

M.S. Subsurface Geology, Rice University, Houston TX December 2017
GPA 3.94

B.S. Geosciences, Cum Laude, University of Texas at Dallas, Richardson TX August 2015
GPA 3.69

PRESENTATIONS AND PUBLICATIONS

Romito S. and Mann, P., *Determining basement terrane boundaries in the modern Caribbean plate and their impact on regional hydrocarbon systems*. Petroleum Geology of Mexico and the Northern Caribbean, May 14-16, 2019: London, UK (Talk)

Romito S., *Determining basement terranes on the Caribbean plate and their hydrocarbon prospectivity*. HGS Annual Sheriff Lecture, November 12, 2018: Houston, TX (Poster)

Romito S. and Murry, D., *Geologic Structure Mapping Project in the Northern Texas Panhandle: Overview and discussion of a recent geologic structure mapping project in the northern Texas Panhandle*. Environmental Trade Fair & Conference, May 15-16, 2018: Austin, TX (Talk)

Romito S., Precambrian Basement, Northern Texas Panhandle. Groundwater Protection Council Annual Forum, September 27-29, 2017: Boston, MA (Poster)

RELATED COURSES

Basin Analysis for Exploration	Structural Geology	Carbonate Depositional Systems
3D Seismic Data Interpretation	Sequence Stratigraphy	Siliciclastic Depositional Systems
2D Seismic Interpretation	Petroleum Geochemistry	Exploration Geophysics
GIS for Earth Scientists	Micropaleontology	Seismic Structural Geology

FIELD WORK

Sequence Stratigraphy of the Brushy to Bell Canyon Formations, Texas December, 2017

- Rice University affiliated field trip
- Mapped and interpreted sequence stratigraphy of several outcrops of the different canyon formations exposed at the base of the Guadalupe mountains

Geology Field Camp, Various States, USA June, 2014-15

- University of Texas at Dallas affiliated field camps
- Mapped and interpreted formation contacts and structural geology of large regional areas across the southwestern United States over the course of six weeks

Paleontological Research Project, Texas October, 2013

- University of Texas at Dallas affiliated field trip
- Explored a fossil-rich riverbed near Dallas, Texas and catalogued significant finds
- Prepared report of age ranges of species found and paleoenvironment of locale based on specimens recovered

AWARDS

University of Houston Presidential Fellowship	August 2018
GWPC Annual Conference 2 nd Place Poster	March 2017
Baker Hughes Master's Scholarship	January 2017
Ground Water Protection Council Scholarship	September 2015 and 2016, February 2016
Academic Excellence Scholarship	August 2011-August 2015
Dallas Gem and Mineral Scholarship	July 2014, July 2015
University of Texas at Dallas Dean's List	December 2013, June 2014

SKILLS

Developed expertise in multiple software packages, such as Petrel, Kingdom, PetroMod, ArcGIS, and Structure Solver

Skilled in well log and seismic interpretation, basin analysis, data integration, and sequence stratigraphy

Fluent in English and Italian, achieved limited working proficiency in French, dual US-European citizen

PROFESSIONAL ORGANIZATIONS AND LEADERSHIP

American Society of Petroleum Geologists and Houston Geological Society, Member	2016-Present
Rice Graduate Social/Professional Development Committees, Member	2016-Present
Rice Graduate Student Association, Undergraduate Mentor	2016-2017
Kappa Sigma Fraternity at the University of Texas at Dallas, Member/Vice President	2012-2015