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What's New with the CBTH Project in Houston, Texas and Stavanger, Norway

CBTH Annual Sponsors Meeting

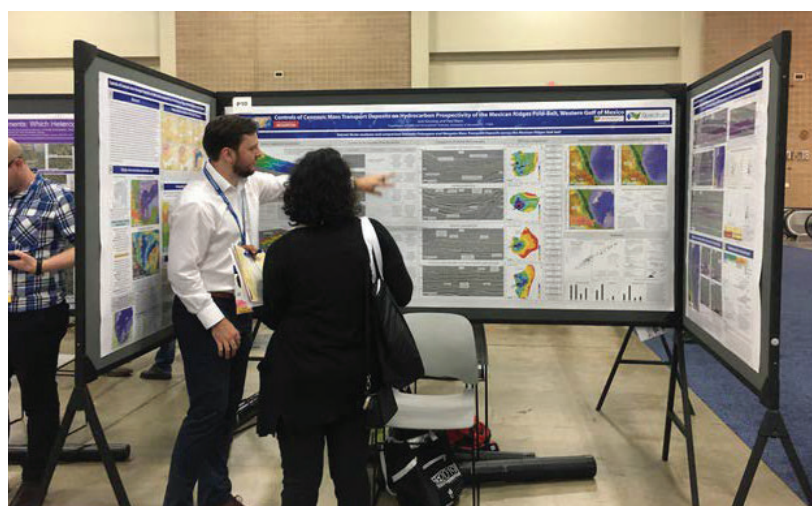
The CBTH Annual Sponsors Meeting will be held on Friday, September 27, 2019 at on the University of Houston main campus. Formal invitations have been sent out to sponsoring companies, and if you are interested in attending as a prospective sponsor, please contact us. For more information, including the tentative meeting schedule, [click here](#).

New project sponsors

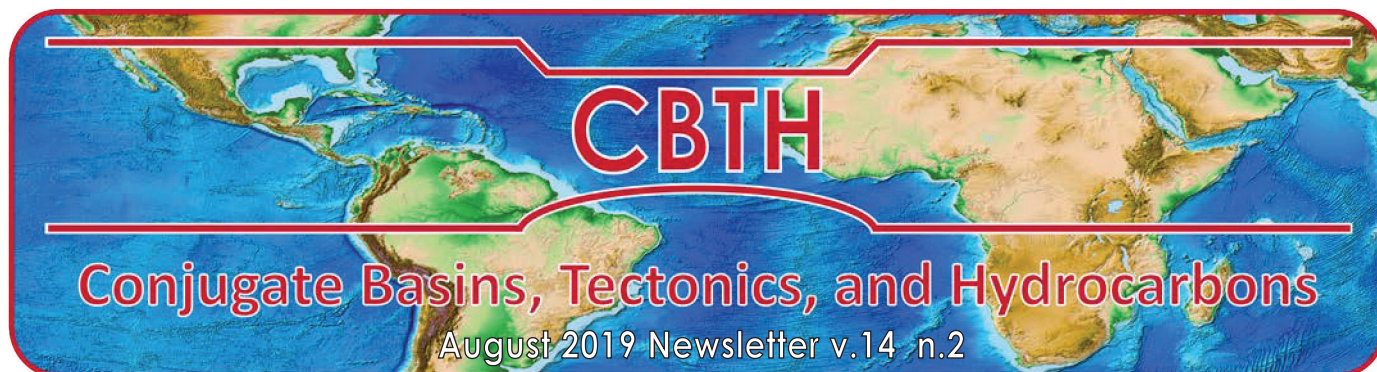
We welcome Chevron and BHP who are re-joining the CBTH project. We appreciate your continued support!

Jack Kenning wins 1st place at AAPG student poster competition

Congratulations to CBTH PhD student Jack Kenning, who received the first place award in the student poster competition for his poster on the Mexican Ridges foldbelt at the 2019 AAPG Annual Conference and Exhibition. Jack previously placed fourth in the poster competition at the AAPG meeting in 2018. For more information, [click here](#).



CBTH-supported PhD student Jack Kenning presents his poster at AAPG 2019 in San Antonio, Texas, for which he won first place in the AAPG Student Poster Competition.



What's New

Marcus Zinecker receives HGS Rising Star award

Congratulations to CBTH PhD student Marcus Zinecker, who received the Rising Star Award for 2018-2019 from the Houston Geological Society. Marcus has represented HGS at their booth at several conferences and recruited many new HGS members. For more information, [click here](#) to visit the HGS Bulletin website.

UH IBA Team wins International Competition at AAPG 2019

Congratulations to the UH IBA Team, who won first place in the Imperial Barrel Award Program (IBA) of the American Association of Petroleum Geologists (AAPG) International Competition on May 18! They previously won first place in the Gulf Coast Section competition on March 17. UH faculty advisors include Paul Mann, John Castagna, and Kurt Rudolf. [Click here](#) to read more.



The UH IBA Team wins first place in the Imperial Barrel Award Program (IBA) of the AAPG International Competition on May 18.

UiS IBA Team ranks third at AAPG 2019

Congratulations to the UiS IBA Team, who placed third in the European Competition at AAPG 2019 in March. UiS faculty advisor was Alejandro Escalona. The UiS team previously placed first in the UiS internal competition.



What's New

Recent CBTH publication highlighted in AAPG

A recent publication co-authored by CBTH PhD graduates Lucia Torrado, Luis Carlos Carvajal, Javier Sanchez was featured in the July 2019 edition of AAPG Explorer. The paper is titled "Late Cretaceous-Cenozoic sequence stratigraphic and paleogeographic controls on petroleum system elements of the Nicaraguan platform, western Caribbean Sea." **Click here** for more information.

CBTH Mid-Year Meeting with updates on new Geopost data visualization

The CBTH Project hosted a mid-year meeting for sponsors and prospective sponsors on March 22, 2019 at the University of Houston. At the meeting, we discussed the latest project news, upcoming invoices, recent publications, and updates on the Geopost portal, which provides a new, web-based mapping and data visualization interface for sponsors to view and access CBTH Project data. Sponsoring companies can access the presentations from this meeting by **clicking here**. For more information on the meeting, please visit our website at <http://cbth.uh.edu>.

Upcoming CBTH publications in AAPG Memoir

Students, former students, and researchers at the UH and UiS parts of CBTH have completed a total of 14 publications that are now in press for the upcoming volume of AAPG Memoir on the tectonics and petroleum potential of the southeastern Caribbean titled "Eastern Caribbean-NE South American Boundary: Tectonic Evolution, Basin Architecture and Petroleum Systems (edited by Dr. Claudio Bartolini - Repsol). These papers were recently accepted for publication and the memoir is currently in production. For a full list of CBTH-supported publications in the upcoming volume, visit the "Recent & Upcoming Publications" section of this newsletter.

UiS team places second at EAGE 2019

The UiS EAGE team advised by Alejandro Escalona placed second in the Laurie Drake challenge at EAGE 2019. The UiS team worked on an exploration portfolio for offshore Ireland and presented an exploration and production plan for the exploration block.

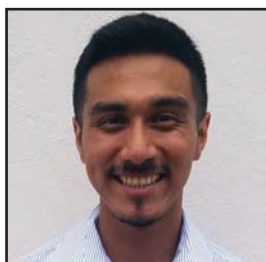
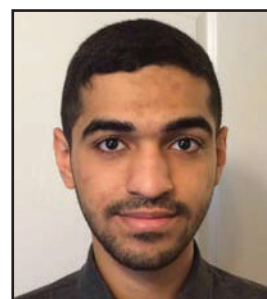
UiS sampling event in Belize, Guatemala, and Dominican

UiS researchers signed a cooperation agreement with the Belize, Guatemala, and Dominican Republic oil ministry/department and travelled there in April 2019, to collect samples from fields and natural oil seeps. Expected analysis include gas chromatography/mass spectrometry (GC, GC-MS, GC-MSMS) and isotopes. This research will be presented at the CBTH Annual Sponsors Meeting in Fall 2019.



Graduating Students at UH

MOHAMMAD ALKADJHEM completed a double major of Geophysics and Petroleum Engineering at the University of Houston in Summer 2019. He worked with the CBTH Project on maintaining the GIS database and conducted research on determining phases of tectonically-induced subsidence in different parts of the Gulf of Mexico basin. He is currently a first law student at the University of Texas at Austin under full scholarship and specializing in energy law.



OMAR ZAVALA worked as an undergraduate research assistant and GIS specialist/research assistant for the Conjugate Basins, Tectonics, and Hydrocarbons (CBTH) project beginning in the spring semester of 2017. Omar graduated from the University of Houston with his Bachelor of Science degree in geophysics alongside a minor in mathematics. He completed his undergraduate senior research project on using subsidence histories of offshore wells and low-temperature thermochronology ages from the South American and west African conjugate margins to study the rift history of the South Atlantic Ocean. He currently as a GIS specialist with CivilTech Engineering in Houston, Texas, and is completing an article on his study of conjugate margins of the South Atlantic Ocean.



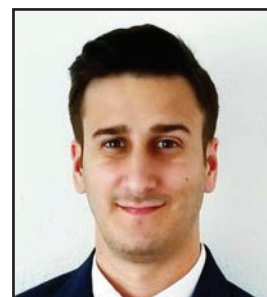
New Graduate Students at UH

MD NAHIDUL HASAN is a PhD candidate who joined the CBTH Project in August 2019. His dissertation will focus on regional structure and stratigraphy of the Campeche salt province of the Gulf of Mexico. He completed his MS thesis on an oilfield in Kansas at Southern Illinois University in July 2019, with high honors. He was awarded a University of Houston Presidential Fellowship as an entering PhD student.



JACOB MILLER joined the CBTH Project in May 2019 as an MS student. His MS thesis will extend and build upon interpretations of the southeastern Caribbean by creating a representative basin model, mapping tectonostratigraphy, and integrating gravity and magnetic data. He was a member of the five-person 2019 IBA World Championship team and is currently the Vice President of SEG Wavelets student chapter at UH.

MATTHEW STOREY is an MS candidate who joined the CBTH Project in May 2019. For his MS thesis, he will be developing an assessment of the Apalachicola rift in the northeastern Gulf of Mexico. He is currently president of the SEG Wavelets student chapter at UH.





New Undergraduate Students at UH



WESTON CHARLES is Weston is an undergraduate geology major at the University of Houston. He joined the CBTH research group in May 2019 and since then has assisted in managing the GIS database. His research is modeling subduction-related flexure within the interior of the Caribbean plate. He is the webmaster for the Geosociety student chapter at UH.

CHRISTIAN MONTES is an undergraduate geology major at the University of Houston. He joined the CBTH research group in May 2019 and since then has assisted in managing the GIS database. His research topic is a geomorphic-structural study of the Santa Marta-Bucaramanga strike-slip fault zone in Colombia.





Recent Meetings

AAPG Hedberg Conference: The evolution of petroleum systems analysis: Changing of the guard from late mature experts to peak generating staff

CBTH researchers Dr. Paul Mann and Dr. Lei Sun presented at the AAPG Hedberg Conference on March 4-6, 2019 in Houston, Texas.

- o Lei Sun, Paul Mann, and Charles Sternbach – Emerging trends from 114 giant oil and gas fields discovered from the decade 2008-2017.

AAPG Geoscience Technology Workshop (GTW): Unlocking Mexico's offshore potential

Dr. Paul Mann and CBTH PhD Candidate Jack Kenning presented at the AAPG Geoscience Technology Workshop on March 6-7, 2019 in Mexico City.

- o Paul Mann – Restoring the conjugate margins of the Gulf of Mexico: Implications for expansion of pre- and syn-rift play fairways
- o Jack Kenning – Tectonic influence on the distribution of shale-rich, mass-transport deposits: Implications for hydrocarbon trapping, sealing, and migration in the Mexico Ridges fold belt

UH Student Research Day and Alumni-Industry Open House

On Friday, April 26, the University of Houston hosted its annual Student Research Day and Alumni-Industry Open House. CBTH-supported undergrad Bryan Moore received a second place in the undergrad poster competition. The schedule of events and presentations, including CBTH presentations, is available by [clicking here](#).



CBTH-supported undergrad Bryan Moore (second from right) wins second place in the undergraduate poster competition at the 2019 UH Student Research Day and Alumni-Industry Open House.



Recent Meetings

AAPG Annual Conference and Exhibition 2019

The American Association of Petroleum Geologists hosted its annual meeting in San Antonio, Texas on May 19-22, 2019. Below, you'll find a list of CBTH presentations at this year's meeting. For more information, visit <https://ace.aapg.org/2019>

- o Jack Kenning and Paul Mann - Controls of Cenozoic Mass Transport Deposits on Hydrocarbon Prospectivity of the Mexican Ridges Fold-Belt, Western Gulf of Mexico (Student Research Poster Session I) (First place in session of 15 student posters in the AAPG Student Poster Competition)
- o Paul Mann, Andrew Steier, and Pin Lin - Restoring the Late Jurassic, Conjugate Margins of the Gulf of Mexico: Recent Progress and Remaining Problems (Session 120 - Theme 4: Global Studies of Extensional and Passive Margins)
- o Hualing Zhang and Paul Mann - Timing of Paleozoic-Cenozoic Tectonic Events in the Permian Basin, West Texas, From Integrated Subsidence and Structural Studies (Student Research Poster Session II)
- o Marcus Zinecker and Paul Mann - Testing the Two-Stage Triassic-Jurassic Opening Model for the Gulf of Mexico From Faults Bounding Shallowly Buried Rifts in the Southeastern Gulf of Mexico (Student Research Poster Session II)

Geological Society of London Conference on Petroleum Geology of Mexico and the Northern Caribbean

On May 14-16, 2019, the Geological Society of London hosted the "Petroleum Geology of Mexico and the Northern Caribbean" conference at the Burlington House in London. Below is a list of CBTH students who presented at the meeting.

- o Jack Kenning – Tectonic, structural, and stratigraphic controls on hydrocarbon prospectivity in the Mexican Ridges deepwater fold belt, western Gulf of Mexico
- o Sean Romito – Determining basement terrane boundaries in the modern Caribbean plate and their impact on regional hydrocarbon systems



CBTH PhD Candidate Sean Romito presents at the GSL Conference on Petroleum Geology of Mexico and the northern Caribbean



Upcoming Meetings

IMOG 2019

The International Meeting of Organic Geochemistry (IMOG) will host its 2019 meeting in Gothenburg, Sweden on September 1-6. See below for a list of CBTH presentations at the meeting.

- o Andres Cedeno, Sverre Ohm, Alejandro Escalona, and Eshita Narain – Petroleum system(s?) in the Guyana-Suriname Basin: Insights from a geochemical study onshore Suriname (Crisis, Track 1, Monday, Sept. 2, 3:00-4:00 p.m.)

AAPG Annual Student Expo

The American Association of Petroleum Geologists will host its Annual Student Expo on September 5-6, 2019 at the George R. Brown Convention Center in Houston. This event features short courses, workshops, poster sessions, technical seminars, resume reviews, and more in an effort to bring students, recruiters, and industry professionals together. For more information, [click here](#).



SEG 2019

The Society of Exploration Geophysicists will host its 89th annual meeting and international exposition in San Antonio, TX on September 15-20, 2019. See below for a list of CBTH-supported presentations. [Click here](#) for more information.

- o Sharon Cornelius and Pete Emmet - Depth to the top of overpressure in the deepwater Gulf of Mexico: Garden Banks, Green Canyon, Keathley Canyon, and Walker Ridge

CBTH Annual Sponsor Meeting 2019

The CBTH Annual Sponsors Meeting will be held on Friday, September 27, 2019 at on the University of Houston main campus. Formal invitations have been sent out to sponsoring companies, and if you are interested in attending as a prospective sponsor, please contact us. For more information, including the tentative meeting schedule, [click here](#).



Upcoming Meetings

GeoGulf 2019

The Gulf Coast Association of Geological Societies and the Gulf Coast Section of SEPM will host GeoGulf19, its 69th Annual Convention, on October 23-25, 2019 at the Houston Westchase Marriott. See below for a full list of CBTH presentations at the meeting. For more information, [click here](#).

- o Malik Muhammad Alam - Structural comparison of 27 passive margin fold-belts from the margins of the Gulf of Mexico, South Atlantic, and Africa (Student Poster Session, Oct. 23-24, Westchase Marriott Exhibit Hall)
- o Sharon Cornelius – Relationship between geothermal and geopressure gradients in the deepwater Gulf of Mexico: Garden Banks, Green Canyon, Keathley Canyon, and Walker Ridge (Oral Program, October 25 at 10:20 a.m. – also session chair for Integration of Seismic Processing, Gravity and Magnetics)
- o Jack Kenning – Structural and stratigraphic controls on Mesozoic source rock maturity and hydrocarbon play prospectivity of the deepwater Yucatan and Campeche margins, southern Gulf of Mexico (Oral Program, October 24 at 2:25 p.m.)
- o Marie Kouassi - Velocity model building to improve subsalt imaging of 2D seismic data in the Green Canyon and Walker Ridge areas (Student Poster Session, Oct. 23-24, Westchase Marriott Exhibit Hall)
- o Mei Liu - Crustal architecture of the Late Jurassic, short ridge-long-fracture-zone spreading center and its flanking oceanic crust in the western Gulf of Mexico (Student Poster Session, Oct. 23-24, Westchase Marriott Exhibit Hall)
- o Paul Mann, Jack Kenning, Mei Liu – Restoring the conjugate margins of the Gulf of Mexico: Implications for pre-, syn-, and post-rift exploration fairways (Oral Program, October 24 at 9:25 a.m.)
- o Paul Mann, Javier Sanchez, Luis C. Carvajal, Lucia Torrado, and Bryan Ott – Cretaceous to recent tectonic history and controls on hydrocarbons in the western Caribbean Sea (Oral Program, October 24 at 4:10 p.m.)
- o Sean Romito - Cataloguing seven offshore basement terranes of the Caribbean Sea and their linkage history from integration of geophysical datasets, well logs, and dredged seafloor samples (Student Poster Session, Oct. 23-24, Westchase Marriott Exhibit Hall)
- o Emily Stibbe - Correlation of active faults and ancient terrane boundaries within and around the Caribbean Plate (Student Poster Session, Oct. 23-24, Westchase Marriott Exhibit Hall)
- o Lei Sun - Tectonic geomorphology reveals areas of active transpression on the island of Hispaniola (Haiti and the Dominican Republic) (Student Poster Session, Oct. 23-24, Westchase Marriott Exhibit Hall)
- o Geraldine Tijerina - Correlation of exhumation peaks from onshore, low-temperature, thermochronological ages in northwest Africa and eastern North America with pulses of rapid, oceanic spreading in the Central Atlantic Ocean (Student Poster Session, Oct. 23-24, Westchase Marriott Exhibit Hall)
- o Hualing Zhang – Integration of subsidence analysis and gravity modeling in the Permian Basin, west Texas (Student Poster Session, Oct. 23-24, Westchase Marriott Exhibit Hall)



Upcoming Meetings

HGS/EAGE Conference on Latin America

The Houston Geological Society and the European Association of Geoscientists and Engineers will host the First HGS/EAGE Conference on Latin America: South & Central Petroleum Plays for the Third Millennium on November 19-20, 2019. Please visit our website for updates, including accepted CBTH presentations, as they become available. For more information, [click here](#).

AGU 2019

The American Geophysical Union will host its Fall Meeting on December 9-13 in San Francisco. Please visit our website for updates, including accepted CBTH presentations, as they become available. Paul Mann is co-convening a special session entitled "Crustal structure, deformation, and amalgamation of the Caribbean plate." For more information, [click here](#).

AAPG Hedberg Conference: Geology and Hydrocarbon Potential of the Circum-Gulf of Mexico Pre-salt Section

AAPG will host a Hedberg Research Conference on the Geology and Hydrocarbon Potential of the Circum-Gulf of Mexico Pre-salt section on February 5-7, 2020 in Mexico City, Mexico. Please visit our website for updates, including accepted CBTH presentations, as they become available. For more information, [click here](#).



AAPG 2020 Annual Convention and Exhibition

The American Association of Petroleum Geologists will host its annual meeting on June 7-10, 2020 in Houston, Texas. Stay tuned for more details, including accepted CBTH presentations. For more information, [click here](#).



Recent Theses & Proposals

2019 completed student thesis studies and proposals supported by the CBTH project at UH and their current employment (3)

- Eric Lunn, 2019, 3D gravity modeling of the Barreirinhas and Ceara basins of northeastern Brazil, MS thesis, University of Houston, 49 p. (Lunn now at: Permian basin unconventional exploration team, Shell, Houston)
- Jack Kenning, 2019, Mesozoic-Cenozoic tectonic controls on basin formation and hydrocarbon potential of the deep-water, Mexican sector of the Gulf of Mexico basin, PhD proposal presented and approved on March 21, 2019.
- Marcus Zinecker, 2019, From early continental rifting to conjugate passive margins: Examples from the Gulf of Mexico and the central Atlantic, PhD proposal presented and approved on April 24, 2019.

Recent & Upcoming Publications

*Previously-supported CBTH students are marked by an asterisk**

- Alvarez, T.*, Mann, P., Vargas, C.A., and Wood, L.J., 2019, Gravity, seismic reflection and tomographic constraints on the subduction to strike-slip transition; southeastern Caribbean Plate boundary zone, Eastern Caribbean-NE South American Boundary: Tectonic Evolution, Basin Architecture and Petroleum Systems (C. Bartolini, editor), in press.
- Alvarez, T.*, Mann, P., and Wood, L.J., 2019, Tectonics and evolution of sedimentary basins along the arcuate, southeastern margin of the Caribbean plate, Eastern Caribbean-NE South American Boundary: Tectonic Evolution, Basin Architecture and Petroleum Systems (C. Bartolini, editor), in press.
- Blanco, J.M.* and Mann, P., 2019, Subsurface geology of La Vela Basin, offshore Venezuela: Examples of basement and carbonate-hosted, liquid and gas hydrocarbon reservoirs, Eastern Caribbean-NE South American Boundary: Tectonic Evolution, Basin Architecture and Petroleum Systems (C. Bartolini, editor), in press.
- Carvajal-Arenas, L.C.* and Mann, P., 2018, Western Caribbean intraplate deformation, 2: Defining a continuous and active microplate boundary along the San Andres rift and Hess escarpment, Colombian Caribbean Sea, AAPG Bulletin, v. 102, n. 8, p. 1523-1563.
- Castillo, K.* and Mann, P., 2019, Structure, stratigraphy and petroleum potential of the easternmost part of the Eastern Venezuelan foreland basin, Eastern Caribbean-NE South American Boundary: Tectonic Evolution, Basin Architecture and Petroleum Systems (C. Bartolini, editor), in press.
- Cedeno, A.*, Ahmed, M.*, Escalona, A., and Abrahamson, P., 2019, Tectonostratigraphic evolution of the western Barbados accretionary prism and the eastern Tobago forearc basin: Implications for petroleum systems, Eastern Caribbean-NE South American Boundary: Tectonic Evolution, Basin Architecture and Petroleum Systems (C. Bartolini, editor), in press.



Upcoming Publications (cont.)

- Cedeno, A.*, Ohm, S., and Escalona, A., 2019, Barbados petroleum and its role in understanding distribution of Cretaceous source rocks in the southeastern Caribbean margin: Insights from an organic geochemistry study, Eastern Caribbean-NE South American Boundary: Tectonic Evolution, Basin Architecture and Petroleum Systems (C. Bartolini, editor), in press.
- Cedeno, A.*, Ohm, S., Escalona, A., Narain, E., and Jager, J., 2019, Source rocks in the Guyana-Suriname basin: Insights from geochemical investigations of 15 heavy oils from onshore Suriname (C. Bartolini, editor), in press.
- Escalona, A., Norton, I., Lawver, L., and Gahagan, L., 2019, Quantitative plate tectonic reconstructions of the Caribbean region from Jurassic to present, Eastern Caribbean-NE South American Boundary: Tectonic Evolution, Basin Architecture and Petroleum Systems (C. Bartolini, editor), in press.
- Escalona, A., Watson, L., and Ahmad, M.*, 2019, Late Cretaceous-Pliocene paleogeography of the circum-Caribbean region based on quantitative plate reconstruction and georeferenced databases, Eastern Caribbean-NE South American Boundary: Tectonic Evolution, Basin Architecture and Petroleum Systems (C. Bartolini, editor), in press.
- Figueira, B.* and Escalona, A., 2019, Overview of the Petroleum System of the Gulf of Paria, Eastern Venezuela Basin, Trinidad-Venezuela - implications from Plate to Province scale, Eastern Caribbean-NE South American Boundary: Tectonic Evolution, Basin Architecture and Petroleum Systems (C. Bartolini, editor), in press.
- Gomez, S.*, Bird, D., and Mann, P., 2018, Deep crustal structure and tectonic origin of the Tobago-Barbados ridge, Interpretation, v. 6, n. 2, p. T471-T484, DOI [dx.doi.org/10.1190/INT-2016-0176.1](https://doi.org/10.1190/INT-2016-0176.1)
- Gomez, S.*, Mann, P., Alvarez, T.*, and Krueger, A., 2019, Tectonostratigraphic evolution of the Barbados accretionary prism and surrounding sedimentary basins within the southeastern Caribbean- north-eastern South America arcuate, strike-slip to subduction transition zone, Eastern Caribbean-NE South American Boundary: Tectonic Evolution, Basin Architecture and Petroleum Systems (C. Bartolini, editor), in press.
- Kenning, J.* and Mann, P., 2019, Control of extensive, Paleogene, mass transport deposits on structural style and hydrocarbon prospectivity, Mexican Ridges foldbelt, western Gulf of Mexico, in revision for Marine and Petroleum Geology.
- Lin*, P., Bird, D., and Mann, P., 2019, Crustal structure of an extinct, late Jurassic-to-earliest Cretaceous spreading center and its adjacent oceanic crust in the eastern Gulf of Mexico: Marine Geophysical Research, DOI: 10.1007/s1100101909379-5, published online February 9, 2019.
- Liu, M.*, Filina, I., and Mann, P., 2019, Crustal structure of Mesozoic rifting in the northeastern Gulf of Mexico from the integration of seismic and potential fields data: Interpretation, DOI: doi-org.ez-proxy.lib.uh.edu/10.1190/int-2018-0259.1: published online: July 16, 2019.



Upcoming Publications (cont.)

- Punnette, S.* and Mann, P., 2019, Subsurface structure of the Hinge Line fault zone and its control on the distribution of gas fields of the North Coast Marine Area (NCMA) of offshore, northern Trinidad, Eastern Caribbean-NE South American Boundary: Tectonic Evolution, Basin Architecture and Petroleum Systems (C. Bartolini, editor), in press.
- Punnette, S.*, Wood, L., and Mann, P., 2019, Late Quaternary sedimentary evolution of the North Coast Marine Area (NCMA) of northern, offshore Trinidad, Eastern Caribbean-NE South American Boundary: Tectonic Evolution, Basin Architecture and Petroleum Systems (C. Bartolini, editor), in press.
- Reuber, K.* and Mann, P., 2019, Control of Precambrian-to-Paleozoic orogenic trends on along-strike variations in early Cretaceous, continental rifts of the South Atlantic: Interpretation, published online June 21, 2019: DOI: [library-seg-org.ezproxy.lib.uh.edu/doi/10.1190/int-2018-0257.1](https://doi.org/10.1190/int-2018-0257.1)
- Reuber, K.*, Mann, P., and Pindell, J., 2019, Hotspot origin for asymmetrical, conjugate volcanic margins of the austral South Atlantic Ocean as imaged on deeply-penetrating seismic reflection images: Interpretation, published online June 21, 2019: DOI: [doi-org.ez-proxy.lib.uh.edu/10.1190/int-2018-0214.1](https://doi.org/10.1190/int-2018-0214.1)
- Rodriguez, L.*, Mann, P., and Hall, S., 2019, Crustal structure and geologic history of the Espino rift, Venezuela, based on integration of potential fields, seismic reflection, and well data, Eastern Caribbean-NE South American Boundary: Tectonic Evolution, Basin Architecture and Petroleum Systems (C. Bartolini, editor), in press.
- Sanchez, J.*, Mann, P., Carvajal-Arenas, L. C.*, and Bernal-Olaya, R.*, 2019. Regional transect across the western Caribbean Sea based on integration of geologic, seismic reflection, and magnetic data. AAPG Bulletin, v. 103, p. 303-343: DOI: [10.1306/05111816516](https://doi.org/10.1306/05111816516).
- Steier, A.* and Mann, P., 2019, Late Mesozoic gravity sliding and Oxfordian hydrocarbon reservoir potential of the northern Yucatan margin, Marine and Petroleum Geology, v. 103, p. 681-701: DOI: doi.org/10.1016/j.marpetgeo.2019.03.001
- Torrado, L.*, Carvajal-Arenas, L. C.*, Sanchez, J.*, Mann, P., and Silva-Tamaya, J. C., 2019, Late Cretaceous-Cenozoic sequence stratigraphic and paleogeographic controls on petroleum system elements of the Nicaraguan platform, western Caribbean Sea, AAPG Bulletin, v. 103, no. 8, p. 1925-1962. DOI: [10.1306/12191817068](https://doi.org/10.1306/12191817068)
- Wang, J.*, Mann, P., and Stewart, R. H., 2018. Late Holocene structural style and seismicity of highly compressional faults in southern Haiti. Tectonics, 37(10), 3834-3852. DOI: [10.1029/2017TC004920](https://doi.org/10.1029/2017TC004920).
- Watson, L. and Escalona, A., 2019, Creating Spatial-based Paleogeography from Plate Reconstructions: A Methodology, Eastern Caribbean-NE South American Boundary: Tectonic Evolution, Basin Architecture and Petroleum Systems (C. Bartolini, editor), in press.
- Zimmerman, U., Dieset, J.*, Watson, L., and Lapen, T., 2019, Sedimentological constraints and provenance of Eocene and Miocene successions from Barbados, Eastern Caribbean-NE South American Boundary: Tectonic Evolution, Basin Architecture and Petroleum Systems (C. Bartolini, editor), in press.



Awards

- 2019 – Nahid Hasan, PhD candidate, Houston Presidential Fellowship (2019-2021)
- 2019 - Marcus Zinecker, PhD Candidate, Houston Geological Society (HGS) Rising Star Award 2018-2019
- 2019 - Jack Kenning, PhD candidate, 1st Place, AAPG 2019 Annual Meeting Student Poster Competition
- 2019 - University of Houston Imperial Barrel Award Team (team co-faculty advisor: Paul Mann): 1st Place; AAPG Imperial Barrel Award World Competition
- 2019 - University of Houston Imperial Barrel Award Team (team co-faculty advisor: Paul Mann): 1st Place; AAPG Gulf Coast Section Imperial Barrel Award Regional Competition
- 2019 - Marcus Zinecker, PhD candidate, Scholarship for Outstanding Graduate Work in Geology, UH Research Day
- 2019 - Sean Romito, PhD candidate, Scholarship for Outstanding Graduate Work in Geology, UH Research Day
- 2019 - Jack Kenning, PhD candidate, Scholarship for Outstanding Graduate Work in Geology, UH Research Day
- 2019 - Bryan Moore, undergraduate, Scholarship for Outstanding Undergraduate Fieldwork, UH Research Day
- 2019 - Bryan Moore, undergraduate, 2nd Place Poster Presentation, Undergraduate Category, UH Research Day
- 2018 - Omar Zavala, undergraduate, 1st place Gordon I. Atwater poster award, Annual Gulf Coast Assoc. Geological Societies
- 2018 - Jack Kenning, PhD candidate, 2nd place Gordon I. Atwater poster award, Annual Gulf Coast Assoc. Geological Societies
- 2018 - Nawaz Bugti, PhD candidate, 3rd place Gordon I. Atwater poster award, Annual Gulf Coast Assoc. Geological Societies
- 2018 - Jack Kenning, PhD candidate, 1st place, Sheriff student poster competition (Advanced PhD category)
- 2018 - Marcus Zinecker, PhD student, 1st place student poster competition, 15th Houston Geological Society/Petroleum Exploration Society of Great Britain, Africa 2018 Conference
- 2018 - Omar Zavala, undergraduate, 2nd place student poster competition, 15th Houston Geological Society/Petroleum Exploration Society of Great Britain, Africa 2018 Conference
- 2018 - Geraldine Tijerina, undergraduate, 3rd place student poster competition, 15th Houston Geological Society/Petroleum Exploration Society of Great Britain, Africa 2018 Conference
- 2018 - Sean Romito, PhD candidate, Houston Presidential Fellowship (2018-2020)
- 2018 - UH EAS AAPG Wildcatters, Top AAPG Student Chapter, AAPG 2018 Annual Meeting
- 2018 - Jack Kenning, PhD Candidate, 4th Place, AAPG 2018 Annual Meeting Student Poster Competition



Thanks to our sponsors!

As we continue with Phase V of the CBTH project, we would like to thank our active and inactive company sponsors for their support in providing data, software, funding, and knowledge to further student research in Caribbean geology. Your support has provided many opportunities for CBTH students to pursue research projects in the region and your efforts are truly appreciated.

Active Sponsors for Phase V



Previous Sponsors (2005 - present)



Data Sharing



Technical Support

