

2015 GEOSCIENCE DAY

Student Research Day & Industry Open House

Friday, May 1
9am – 5pm
Science & Research 1
University of Houston
Houston, Texas 77204



SCHEDULE OF EVENTS

All activities are located in Science & Research Building 1

REGISTRATION (SR1, 2nd Floor Lobby) **8:30-9:00**

ORAL PRESENTATIONS **9:00 - 12:15**

Session A (SR1, Room 634) pg. 2

Session B (SR1, Room 234) pg. 3

LUNCH (SR1, 2nd Floor Lobby)..... **12:15-1:00**

STUDENT POSTER SESSION (SR1, Corridors) **1:15-3:30**

Undergraduate Students (1st Floor)..... pg. 4

Beginning Graduate Students (2nd Floor) pg. 6

Advanced Graduate Students (3rd Floor) pg. 8

EAS LAB TOURS **1:30 and 2:30**

(Meeting place SR1, 2nd Floor Lobby)..... pg. 10

AGL VIBROSEIS DEMO (Outside SR1)..... **3:30-4:00**

AWARD CEREMONY (SR1, Room 116) **4:00-5:15**

GROUP PHOTO (in front of SR1) **5:15**

EAS FACULTY-STUDENT-ALUMNI-INDUSTRY

HAPPY HOUR **5:30**

McGonigal's Mucky Duck (2425 Norfolk, 77098)

**** All are invited ****

2015 GEOSCIENCE DAY

Student Research Day & Industry Open House

ORGANIZING COMMITTEE:

GRADUATE STUDENT COMMITTEE

Patrick Loureiro (Committee Chair)
Joan Marie Blanco
Yanet Cuddus
Laura Judd
Yiduo Liu

FACULTY COMMITTEE

Regina Capuano (Committee Chair)
Paul Mann
Alex Robinson
Will Sager
Joel Saylor
Don Van Nieuwenhuise

STAFF ADVISOR

Hannah Walker
Danielle Thomas
Jim Parker

EVENT PHOTOGRAPHER: Chris Watts

Special thanks to all our volunteers!!

RESEARCH TALKS: SESSION A

SR1, Room 634

<u>Time</u>	<u>Speaker</u>	<u>Title</u>
9:00	Eray Kocel	NEAR-SURFACE GEOPHYSICAL INVESTIGATION OF THE 2010 HAITI EARTHQUAKE EPICENTRAL AREA: LÉOGÂNE, HAITI
9:20	Laura Judd	INFLUENCES OF SPATIAL RESOLUTION ON NO ₂ COLUMN MEASUREMENT COMPARISONS DURING DISCOVER-AQ TEXAS
9:40	Lei Liu	INFLUENCE OF CLIMATE CHANGE AND METEOROLOGICAL FACTORS ON HOUSTON'S AIR POLLUTION: OZONE A CASE STUDY
10:00	Mohammad Ullah	INTERPRETING BACKWATER EFFECTS ON FLUVIAL STYLE AND ARCHITECTURE IN A HIGH-GRADIENT COMPOUND INCISED-VALLEY DEPOSITS: EXAMPLE FROM CRETACEOUS FERRON NOTOM DELTA, SOUTHEASTERN UTAH
10:20	COFFEE BREAK	
10:35	Tucker Conklin	EVOLUTION OF A SHELF- MARGIN MINIBASIN, NORTHERN GULF OF MEXICO
10:55	Xinyang Chen	SI ISOTOPE VARIATIONS IN AUTHIGENIC QUARTZ CRYSTALS: IMPLICATION FOR LOW TEMPERATURE FRACTIONATION
11:15	Ramya Ravindranathan	COMPARISON OF UPSCALING METHODS WITH SPECIAL EMPHASIS ON PAIR CORRELATION FUNCTION TO IDENTIFY THE RESERVOIR FROM THE NON-RESERVOIR
11:35	Kivanc Biber	QUANTITATIVE CHARACTERIZATION OF SHALE DRAPES WITHIN TIDALLY-INFLUENCED FLUVIAL VALLEY FILL DEPOSITS OF THE FERRON SANDSTONE, EASTERN UTAH - IMPLICATIONS FOR SUBSURFACE EXPLORATION
11:55	Ismail Ahmad Abir	TECTONICS OF BANNU BASIN AND ITS RELATION TO THE TRANS-INDUS-SALT RANGES FOLD-THRUST BELT IN NORTHERN PAKISTAN

RESEARCH TALKS: SESSION B

SR1, Room 234

Time	Speaker	Title
9:00	Charles Jeffcoat	TWO OXYGEN FUGACITIES RECORDED IN A SINGLE TYPE-B1 CALCIUM - ALUMINUM-RICH INCLUSION: INSIGHTS INTO CONDITIONS OF THE EARLY SOLAR NEBULA
9:20	Matt Cannon	POST-RIFT SUBSIDENCE ABYSSAL GULF OF MEXICO
9:40	Alexander Kotsakis	CORONAL INDUCED PRODUCTION OF OZONE FROM A THUNDERSTORM DURING DISCOVER-AQ 2013
10:00	Nicholas Bartschi	DISCRIMINATING SEDIMENT SUPPLY VERSUS ACCOMMODATION CONTROLS ON LATE CRETACEOUS FORELAND BASIN STRATIGRAPHIC ARCHITECTURE IN THE BOOK CLIFFS, CENTRAL UTAH USING DETRITAL ZIRCON U-PB DATING
10:20	COFFEE BREAK	
10:35	Gustavo Cuchiara	MODELING DISPERSION IN A CONVECTIVE DECAY PLANETARY BOUNDARY LAYER USING THE WRF LARGE EDDY SIMULATION MODEL
10:55	Jiangbo Yu	GPS DERIVED GROUND DEFORMATION (2005 – 2014) WITHIN THE GULF OF MEXICO REGION REFERRED TO A STABLE GULF OF MEXICO REFERENCE FRAME (SGOMRF)
11:15	Andrew Kerekgyarto	SUPRA-CANONICAL INITIAL 26AL/27AL FROM A REPROCESSED ALLENDE CAI
11:35	Kurt Sundell	TESTING GEODYNAMIC MODELS FOR SURFACE UPLIFT OF THE CENTRAL ANDEAN PLATEAU THROUGH BASIN ANALYSIS AND VOLCANIC GLASS PALEOALTIMETRY IN SOUTHERN PERU
11:55	Yiduo Liu	SLAB TEARING TRIGGERED THE CRETACEOUS IGNEOUS ACTIVITY IN THE NORTHERN GULF OF MEXICO

UNDERGRADUATE STUDENT POSTERS

SR1, 1st Floor Corridor

Presenter	Title	No.
Vanessa Alejandro	GRAIN SHAPE ANALYSIS USING MATLAB	1
Lokin Casturi	INFLUENCE OF MIO-PLIOCENE MILANKOVITCH FREQUENCY MONSOON FLUCTUATION ON ENVIRONMENTAL HYDROLOGY IN ZHADA BASIN, SW TIBET	2
Alexander Cheney	IMPACTOGEN TECTONIC ORIGIN FOR FORMATION OF THE PERMIAN BASIN OF WEST TEXAS AND NEW MEXICO	3
Sarah Dailey	IDENTIFYING ACTIVE FAULTS IN JAMAICA FROM REMOTE SENSING, GPS, EARTHQUAKE, AND SEISMIC REFLECTION DATA	4
David Lankford-Bravo	INFLUENCE OF BASEMENT DIP ON MORPHOLOGICAL AND STRUCTURAL CHARACTERISTICS OF THE PERDIDO-PORT ISABEL AND NORTHERN AND SOUTHERN MEXICAN RIDGES, WESTERN GULF OF MEXICO	5
Sabrina Martinez	EFFECT OF SEA LEVEL CHANGES ON THE LANDBRIDGES CONNECTING HISPANIOLA, PUERTO RICO AND THE US VIRGIN ISLANDS DURING THE HEIGHT OF THE LAST GLACIAL MAXIMUM (26500-19000 KA)	6
Maisha Mujib	CARBON ISOTOPES OF EVOLVED CO ₂ DURING ACETIC ACID OXIDATION BY DIFFERENT OXIDIZING AGENTS	7
Crystal Saadeh	STABLE ISOTOPIC RECORD OF MONSOON INTENSITY AND PALEOENVIRONMENTAL CHANGE IN THE ZHADA BASIN, SW TIBET	8
Derek Scott	CHARACTERIZATION OF THE CENTRAL SOUTH GABON BASIN THROUGH 2D SEISMIC INTERPRETATION	9

UNDERGRADUATE STUDENT POSTERS

SR1, 1st Floor Corridor

Presenter	Title	No.
Stephen Potter	MELT INCLUSION ANALYSIS OF RBT 04262 WITH RELATIONSHIP TO SHERGOTTITES AND MARS SURFACE COMPOSITIONS	10
Shelly Tran	CLASSIFYING AND COMPARING SHAPES OF CONTINENT-OCEAN BOUNDARIES ON THE EASTERN US AND NORTHWEST AFRICA CONJUGATE MARGINS FROM INTERPRETATIONS OF A NEW GLOBAL GRAVITY DATASET	11



Undergraduate, Graduate and Professors at Geophysics Field Camp.

BEGINNING GRADUATE STUDENT POSTERS

SR1, 2nd Floor Corridor

Presenter	Title	No.
Abigail Corbett	CO2 VARIABILITY FROM SATELLITE RETRIALS AND MODEL SIMULATIONS, AND POSSIBLE CO2 AND CH4 CORRELATIONS	1
Naila Dowla	NORTHWEST AFRICA AND THE SOUTHEAST COAST OF THE USA AS ASYMMETRICAL CONJUGATE MARGINS	2
Shenelle Gomez	STRUCTURAL FRAMEWORK AND HYDROCARBON PROSPECTIVITY OF THE TOBAGO FOREARC BASIN- BARBADOS ACCRETIONARY PRISM TRANSITION ZONE	3
Kirstie Haynie	EFFECT OF SLAB DIP VERSUS PLATEAU SUBDUCTION ON OVERRIDING PLATE DEFORMATION IN ALASKA	4
Diana Krupnik	ANALYSIS OF CRETACEOUS EDWARDS FORMATION USING INTEGRATED REMOTE SENSING TECHNIQUES	5
Yipeng Li	PAMIR INTRACONTINENTAL OVERLAPPED SUBDUCTION AND ANATAXIS: EVIDENCE FROM CENOZOIC UHT METAMORPHIC XENOLITHS AND ULTRAPOTASSIC VOLCANIC ROCKS	6
Patrick Loureiro	CONTROLS OF ASYMMETRICAL RIFTING ON DISTRIBUTION AND THICKNESS OF PRE-SALT CARBONATE RESERVOIRS IN SAG BASINS OF BRAZIL AND WEST AFRICA	7
Sharif Morshed	ANISOTROPIC EFFECTIVE MEDIUM MODELING TO MICROSTRUCTURAL PROPERTIES OF GAS SHALE	8
John Neese	SEISMIC-STYLE PROCESSING OF NUMERICAL EM DATA	9
Jena Nolting	SCANNING ELECTRON MICROSCOPY AND ENERGY DISPERSIVE SPECTROSCOPY ANALYSES OF MUONG-NONG TYPE TEKTITES FROM HAINAN ISLAND, CHINA	10

BEGINNING GRADUATE STUDENT POSTERS

SR1, 2nd Floor Corridor

Presenter	Title	No.
Lourdes Rodriguez	TECTONIC CONTROLS AND TIMING OF THE INVERSION OF THE LATE JURASSIC ESPINO RIFT OF CENTRAL VENEZUELA	11
Jaymason Shelton	TRANSPORT OF INDUSTRIAL PLUMES IN THE GREATER HOUSTON AREA ON THE MORNING OF NOVEMBER, 3RD 2009	12
Tyson Smith	REVEALING THE ANCESTRAL ROCKY MOUNTAINS: STRATEGY FOR UNRAVELLING LATE PALEOZOIC INTRAPLATE DEFORMATION IN NORTH AMERICA	13
Amir Hossein Souri	THE LONG TERM ANALYSIS OF TROPOSPHERIC NO ₂ , HCHO AND SURFACE OZONE IN URBAN CITIES OF TEXAS	14
Lei Sun	TERRESTRIAL LASER SCANNING AND HYPERSPECTRAL IMAGING OF THE EAGLE FORD FORMATION	15
Lucia Torrado	3D SEISMIC FACIES AND ATTRIBUTE ANALYSIS FOR RESERVOIR CHARACTERIZATION OF A COMPLEX FLUVIAL SYSTEM: CASE STUDY OF THE LATE EOCENE-OLIGOCENE CARBONERA FORMATION, LLANOS FORELAND BASIN OF COLOMBIA	16
Yukai Wo	2-D DEFORMABLE-LAYER TOMOSTATICS IN SICHUAN, CHINA	17
Shuting Yang	PROPOSAL TO QUANTIFY METHANE SOURCES (BIOGENIC VS. NON-BIOGENIC IN THE HOUSTON AREA USING $\delta^{13}\text{C-CH}_4$)	18
Jingjing Zong	ELASTIC PROPERTIES OF ROCK SALT: LAB MEASUREMENTS AND WELL LOG ANALYSIS IN THE GULF OF MEXICO	19

ADVANCED GRADUATE STUDENT POSTERS

SR1, 3rd Floor Corridor

Presenter	Title	No.
Ayodeji Babalola	4D AVO INVERSION ENHANCEMENT BY GATHER CONDITIONING USING DYNAMIC TIME-WARPING	1
Joan Marie Blanco	LA VELA BAY, OFFSHORE FALCON BASIN, WESTERN VENEZUELA: EASTERN EXTENSION TO THE LA PERLA CARBONATE RESERVOIR TREND	2
Vanessa Caicedo	COMPARISON OF BOUNDARY LAYER RETRIEVAL METHODS USING AEROSOL LIDARS	3
Luis Carlos Carvajal Arenas	TECTONOSTRATIGRAPHY AND SEDIMENTARY ARCHITECTURE OF THE NICARAGUAN RISE AND COLOMBIAN BASIN	4
Lijun Diao	MODELED IMPACTS OF RELATIVE HUMIDITY ON HONO CHEMISTRY	5
Tithi Ghosh	DREDGING PERIDOTITES FROM IZU-BONIN-MARIANA FOREARC: A CRUISE REPORT	6
Long Huang	ELASTIC PROPERTIES OF 3D-PRINTED PHYSICAL MODELS: FLUID SUBSTITUTION OBSERVATIONS IN CRACKED MEDIA	7
Ismot Jahan	FAULT TREND IN BAKKEN FORMATION	8
Angela Kao	INVESTIGATION OF ATMOSPHERIC MOISTURE RECYCLING RATE FROM OBSERVATIONS AND MODELS	9
Unal Okyay	REMOTE DETECTION OF FLUID-RELATED DIAGENETIC MINERALOGICAL VARIATIONS IN THE WINGATE SANDSTONE AT DIFFERENT SPATIAL AND SPECTRAL RESOLUTIONS	10

ADVANCED GRADUATE STUDENT POSTERS

SR1, 3rd Floor Corridor

Presenter	Title	No.
Javier Sanchez	TECTONIC EVENTS IN THE WESTERN MARACAIBO BLOCK: BASED ON BASIN ANALYSIS OF THE CESAR-RANCHERIA BASIN, NORTHWESTERN SOUTH AMERICA	11
Jiannan Wang	INFERRING MARINE SEDIMENT TYPE USING CHIRP SONAR DATA: ATLANTIS FIELD, GULF OF MEXICO	12
Ling Xiang	GLOBAL GEOCHEMICAL SIGNATURES OF K-RICH MID-OCEAN RIDGE BASALT	13
Yao Yao	RAYLEIGH WAVE TOMOGRAPHY AND SHEAR WAVE STRUCTURE OF CENTRAL AND EASTERN TEXAS FROM AMBIENT SEISMIC NOISE	14



Graduate students volunteering at Houston Geological Society Earth Science Celebration at Houston Museum of Natural Sciences.

EAS LAB TOURS

SR1, Basement Floor

AGL Physical Modeling Lab

Location: SR1, Rm 60

Function: AGL operates two fully equipped ultrasonic modeling tanks with acoustic and elastic measurement capability in this lab. One of the tanks is used to simulate land seismic acquisition, while the other one is used to simulate marine surveys. These systems accept multiple channels simultaneously and run on a robotic system. In addition, we have a bench top system which is used for precise study of specific models.

Host: Anoop William

Student hosts: Jiannan Wang (PhD), Jingjing Zong (PhD)

Website: <http://www.agl.uh.edu>

SR1, 1st Floor

AGL Instrumentation Lab

Location: SR1, Rm 138

Function: AGL has the capability to conduct seismic, VSP, well logging, GPR, magnetic, gravity and GPS studies in the field. This lab is the hosting area for some of this equipment.

In addition, we also maintain our own mini-vibe. During research day, this will be parked near the south main entrance to SR1.

Host: Li Chang

Student hosts: Eray Kocel (PhD), Azie Aziz (PhD), Alexandre Silva (PhD)

Website: <http://www.agl.uh.edu>

Center for Petroleum Geochemistry

Location: SR1, Rm 103

Function: CPG Lab has a variety of instruments from simple TOC analyzers; RockEval II-Plus and RockEval-6 source-rock analyzers; organic microscopy; oil & gas extraction and characterization capabilities; to a highly advanced suite of molecular and stable-isotope geochemistry tools including natural gas analyzers, GC/MS; GC/MS/MS; Micropyrolysis/GC/MS; GC/IRMS; EA/IRMS analyzers. Visit our website for a comprehensive list of analytical capabilities. This suite of capabilities distinguishes us as the most well-equipped petroleum geochemistry lab in the country.

Faculty Host: Adry Bissada, Director of CPG

Website: <http://cpg.uh.edu/>

EAS LAB TOURS

SR1, 2nd Floor

GeoRS (Geological Remote Sensing) Lab

Location: SR1 Room 234

Function: GeoRS group combines field hyperspectral and LiDAR imaging, GPR with traditional geologic mapping and for the precise 3D imaging of outcrops. Applications range from mapping distribution of river channels, developing 3D fluid flow models, understanding rock alterations and sulphide mineralization and reservoir analog studies.

Remote sensing and GIS research lab (GeoRS) include various hardware and software, more details are available at (<http://www.uh.edu/~sdkhan/facilities.html>)

Faculty host: Dr. Shuhab Khan

Student host: Casey Snyder (MS)

Website: <http://www.uh.edu/~sdkhan>



Undergraduate Field Methods class, Boquillas Canyon, Big Bend, TX.

EAS LAB TOURS

SR1, 3rd Floor

PGE Geochemistry Lab

Location: MC-ICP-MS Geo-Cosmochemistry (SR1 Room 317)

Function: Re–Os isotope and PGE analysis of shale and oil for absolute dating and source tracing.

Faculty host: Alan Brandon, Associate Professor

Student hosts: Shawn Wright (PhD)

Website: <http://www.tims.uh.edu/>

MC-ICP-MS Geo-Cosmochemistry Lab

The MC-ICP-MS Geo-Cosmochemistry lab will be open for the research day open house.

Location: SR1 Room 317

Function: Isotopic and trace element analysis of terrestrial and extraterrestrial rocks and minerals for radiometric dating and petrological evolution studies, including petroleum reservoir rock characterization.

Faculty hosts: Dr. Tom Lapen and Dr. Alan Brandon, Directors

Host: Rasmus Andreasen

Website: <https://mynsm.uh.edu/groups/mcicpms/>



Undergraduate Field Methods class, Big Bend, TX.

EAS LAB TOURS

SR1, 4th Floor

Atmospheric Chemistry Lab (ICAS LAB)

Location: SR1, Room 430

Function: My lab is a component of the Institute for Climate and Atmospheric Science. I study atmospheric mercury in Houston, which has elevated levels and time periods of extremely high values. I have instrumentation atop Moody Tower on the UH campus and at the UH Coastal Center. My group also shares the atmospheric science mobile laboratory with Dr. Lefer's group. This is a \$1M laboratory which we utilize to sample emissions sources and study photochemistry in Houston. I also have a program in Houston/Fort Worth examining fugitive emissions of CO₂ and CH₄ from gas and oil extraction, distribution and storage. We also have a unique ability to measure $\delta^{13}\text{C}$ in CH₄ to distinguish contributions from different sources.

Faculty host: Dr. Robert Talbot, Director of ICAS

Student hosts: Lei Liu (PhD)

Website: <http://icas.uh.edu>

Caribbean Basins, Tectonics, and Hydrocarbons (CBTH)

Location: SR1, Room 427

Function: CBTH is a 21-company consortium and one of the largest industry consortia at UH with the goal of cutting edge academic research and facilitating oil exploration in the geographic and oil-rich region of the Gulf of Mexico, Caribbean, northern South America, and equatorial Atlantic margins in South America and Africa. The room 427 work area provides workstation, server, software, GIS databasing, and printing capabilities to 12 UH MS and PhD graduate research assistants, 7 UH undergraduate research assistants supported as RAs by the project, and five members of the UH Imperial Barrel Award team who are part of a UH graduate level course in the spring semester.

Faculty host: Dr. Paul Mann, Director of CBTH

Student host: Bryan Ott (PhD).

Website: <http://cbth.uh.edu/index.php>

For more information:

www.geosc.uh.edu/research-institutes-programs/index.php

Who we are

The Department of Earth and Atmospheric Sciences at the University of Houston has a wide range of research programs central to the earth sciences. These include sedimentology, carbonate petrology, sequence stratigraphy, micropaleontology, structural geology, tectonics, geodynamics, marine geology, petroleum systems and geochemistry, inorganic geochemistry, isotope geochemistry, igneous petrology, thermochronology, GIS, remote sensing, seismology, applied geophysics, applied rock physics, whole earth geophysics, potential fields, hydrology, atmospheric sciences, climate change, and air pollution sciences.

The Department offers M.S., and Ph.D. degrees in Geology, Geophysics and Atmospheric Sciences, a B.S. in Geology, Geophysics and Environmental Sciences, and a B.A. in Earth Sciences. Fieldwork is a major component of all degree programs. The Department also offers Professional M.S. programs in Petroleum Geology and Petroleum Geophysics that are offered at convenient hours for professional geoscientists working in industry or aspiring for a professional position within the petroleum industry.

Contact Us

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MEET THE JUDGES

POSTER SESSION

ADVANCED GRADUATE STUDENT POSTERS:



Clayton Painter

is a Senior Geologist at ConocoPhillips. He received his PhD from the University of Arizona on a study of sequence stratigraphy, geodynamics, and detrital geochronology of Cretaceous foreland basin deposits, in western USA.



Bernhard Rappenglueck

is currently at the University of Houston where he is an Associate Professor of Atmospheric Chemistry, Meteorology. He received his PhD in Physics from the University of Munich in 1996.



Kush Tandon

is currently a Geophysicist and Senior Software Engineer at Bluware, Inc., and a consultant with Shell Global Solutions (US), Inc., in Houston, Texas. He received a PhD from LSU in 1998 on modeling of basin formation and lithospheric bending during continental collision.

MEET THE JUDGES

ORAL PRESENTATIONS



Xun Jiang

is an Associate Professor of Atmospheric Sciences at the University of Houston. She completed her PhD in Environmental Science and Engineering at California Institute of Technology in 2006.



Jinny Sisson

is currently at the University of Houston where she is a Research Associate Professor of Geology, Director of Summer Field Geology, and Co-director of the Geoscience Learning Center. She received her PhD from Princeton University in 1981 on metamorphic belts in British Columbia.



Stuart Hall

is currently at the University of Houston where he is a Professor of Geophysics, Potential Fields. He received his PhD in Geophysics from the University of Newcastle upon Tyne in 1976.



Barry Lefer

is an Associate Department Chair and Associate Professor of Atmospheric Science, Atmospheric Chemistry. He received a PhD in Earth Sciences - Geochemical Systems, at the University of New Hampshire in 1997.

MEET THE JUDGES

ORAL PRESENTATIONS



William Sager

is a Professor of Geophysics at the University of Houston. He received his PhD in Marine Geophysics at the University of Hawaii in 1983. His research interest include Marine geophysics, High-resolution marine geophysics, and Plate tectonics, among others.

Juan C. Silva-Tamayo



is an Assistant Professor of Sedimentary and Environmental Geology at the University of Houston. He received his PhD in Isotope Geochemistry at the University of Berne, Switzerland in 2009.

POSTER SESSION

UNDERGRADUATE STUDENT POSTERS:



Debleena Banerji

is currently a Senior Exploration Geologist at Shell in Houston, Texas. She received her PhD from the University on Houston in 2004 on a study of oceanic crust formation at ultraslow spreading ridges.

Sean Connell



is a Stratigrapher for Chevron in Houston, Texas. He received his PhD at the University of New Mexico in 2010 on a study of fluvial sedimentation in half-graben basins.

MEET THE JUDGES

POSTER SESSION

UNDERGRADUATE STUDENT POSTERS:



Guoguan Wang

is currently at the University of Houston where he is an Assistant Professor of Geophysics, Geodesy and Geosensing Systems Engineering. He received his PhD from Institute of Geology in Beijing China in 2001 in Solid Earth Geophysics. He also serves as a PI for NCALM (National Center for Airborne Laser Mapping).

POSTER SESSION

BEGINNING GRADUATE STUDENT POSTERS:



Maria Veronica Castillo

is currently a Senior Geophysicist at Repsol. She completed her PhD in 2001 on the Maracaibo basin in Venezuela at the University of Texas at Austin.



Kristy T Milliken

is a R&D Clastic Stratigrapher for Chevron. She received her PhD in Earth Science from Rice University in 2008.



Julia Wellner

is an Assistant Professor at the University of Houston in Stratigraphy, Sedimentology, and Glacial Processes. She received her PhD from Rice University in 2001.