

GRADUATE STUDENT SUPERVISION

Current

Monica Pequeno (Ph. D.) Santos Basin stratigraphy and salt evolution (co-supervised with Martin Jackson)

Gustavo Toboada (M. S.)

Migdalys Salazar (M. S.), co-supervised with Lorena Moscardelli

Rodulfo Hernandez (M. S.) Seismic inversion of carbonate strata, Venezuela

Thomas D. Loviz. (M.S), co-supervised with Lesli Wood, Evolution of Miocene basin floor fans, Taranaki Basin, Offshore Western New Zealand

Katherine Robertson (M. S.), co-supervised with Lesli Wood, Clinoform configurations, Pliocene Giant Foresets, Taranaki Basin, Offshore Western New Zealand

Abdelmoniem K. Abdelmoniem (M. A., EER)

Paola A. Cardona Mora (M. S.)

Darrin Burton (M. S.) Mentor

Nishanth Kalyanaraman (M. A., EER)

Stanley Stackhouse (M. S.), co-supervised with John Goff

Completed

2007 Terence Campbell (M. S.) co-supervised with Lesli Wood

2007 M. David Soto (M. S.) Structural and basinal architecture and active strike-slip faulting of the eastern offshore area of Trinidad, based on an integration of 2D and 3D seismic reflection data co-supervised with Paul Mann

2007 Chad Weisenberg (M. S.) Salt tectonics and sedimentation of offshore Essaouira Basin, Morocco, co-supervised with Lesli Wood

2007 Rosalba Mendoza (M.S.) The architecture of lower-slope channel complexes, Offshore Gabon, West Africa

2007 Hugo Castellanos (Ph.D.) Sequence stratigraphy of the Bohai Basin, People's Republic of China, co-supervised with Paul Mann

2006 Jaime Hernandez (M. S.) Analyzing deep-water near seafloor geology with Chirp Sonar sub-bottom profiles: Green Canyon, Gulf of Mexico

2006 German Diego Merletti (M.S.) Extrapolation of elastic and petrophysical properties from wells using 3D prestack seismic amplitude data

2006 Dax McDavid (M. A.) Redevelopment opportunities for South Weslaco Field Hidalgo County, Texas

2006 Luis Crespo (M.A.) Structural and sequence stratigraphic architecture of the Red Fish Bay, Texas

2006 Patricia Montoya (Ph. D.) Salt tectonics and sequence-stratigraphic history of minibasins near the Sigsbee Escarpment, Gulf of Mexico (co-supervised with Michael Hudec)

- 2006 Diego van Berkel (M.S.) Stratigraphic relationships between the Weber Sandstone and the Maroon Formation in the Ranglely Field, northwestern Colorado, U. S. A. (co-supervised with Kitty Milliken)
- 2006 Arturo Contreras (Ph. D.) aVa deterministic and stochastic inversion of 3D partially stacked seismic data and well logs for the spatial delineation, fluid-litho logy characterization, and petrophysical modeling of deepwater hydrocarbon reservoirs in the Central Gulf of Mexico (co-supervised with Carlos Torres-Verdin.
- 2005 Tallah Tamia Shahab (M. A.) Compressed natural gas marine transport technology as an alternative for natural gas transportation: Case study in eastern Indonesia
- 2005 Martha Serrano-Perez (M. S.) Integration of geological and petrophysical data in reservoir characterization of Pennsylvanian Morrow "C-sand" in Wilburton Field, Morton County, Kansas
- 2005 Coleman D. Lewis (M.A.) 2005 Potentiality and future production analyses of coalbed methane
- 2005 Brian T. Moore (M. S.) Sequence stratigraphic framework and systems tract analysis of Lower Miocene shelfal clastic deposits: Redfish Bay area, Texas Gulf Coast (Co-supervised with Robert Loucks)
- 2005 Connie Lin (M. A.) EMR Libya: A second opportunity for the oil and gas industry
- 2004 Cem Okan Kilic (Ph.D.) Characterization and quantification of middle Miocene reservoirs of Starfak and Tiger Shoal Fields, Offshore Louisiana, using genetic sequence stratigraphy and neural networks
- 2004 Jesse B. Kimball (M.A.) The reality and unreality of oil reserves, peak production, and prices
- 2004 Kristine Lynn Mize (M.S.) Controls on the morphology and development of deep-marine channels, eastern offshore Trinidad and Venezuela (co-supervised with Lesli Wood)
- 2004 Ngozi Joyce Ogoke (M.A.) Economics, risks, contracts, safety and security of LNG projects (EMR) (co-supervised with Willem van Rensburg)
- 2004 Carla Arzabe (M.A.) An analysis of alternative fuels (EMR)
- 2004 Bryan P. Sams (M.A.) A technical and economic evaluation of CO2 disposal from coal-fired power plants (EMR)
- 2004 Tony J. Troutman (M.S.) Reservoir characterization, paleogeomorphology, and genesis of the Mississippian Redwall Limestone paleokarst, Hualapai Indian Reservation, Grand Canyon area, Arizona (co-supervised with Charles Kerans)
- 2004 Hongbo Lu (Ph.D.) Global and local controls on depositional cyclicity: Canterbury Basin, New Zealand (co-supervised with Craig Fulthorpe)
- 2004 Suk-Joo Stephen Choh (Ph.D.) Microfacies and depositional environments of selected Pennsylvanian calcareous algal deposits from southern USA and application of information technology for sedimentary petrology teaching and research
- 2003 Matthew A. Campbell (M.S.) Development of the Los Chivos Platform, a Paleocene carbonate buildup in a siliciclastic dominated salt basin, La Popa Basin, northeast Mexico (co-supervised and completed for Robert K. Goldhammer, deceased)
- 2003 Shanty Ilona (M.S.) Structure and stratigraphy; of the KRA Field, West Natuna Basin, Indonesia
- 2003 Martha Jaimes Carvajal (M.S.) Paleogene to Recent tectonic and paleogeographic evolution of the Cariaco Basin, Venezuela (co-supervised with Paul Mann)
- 2003 Mochammad Fachmi (M.S.) Quantitative seismic geomorphology, Gabus and Belanak Fields, West Natuna Basin, Indonesia (co-supervised with Lesli Wood)
- 2003 Jorge Barrios-Rivera (Ph.D.) Stratigraphic analyses of reflectivity data, application to gas reservoirs in Burgos Basin, Mexico
- 2003 Alejandro Escalona (Ph.D.) Regional tectonics, sequence stratigraphy and reservoir properties of Eocene clastic sedimentation, Maracaibo Basin, Venezuela (co-supervised with Paul Mann)

- 2003 Pedro Tomas Gomez-Cabrera (Ph.D.) Stratigraphic and structural analysis of the Neogene sediments of the offshore portion of the Salina del Istmo Basin, southeastern Mexico (co-supervised with Martin Jackson)
- 2003 Songul Yildiz (M.S.) Plio-Pleistocene sequence stratigraphy, Matagorda Bay, Texas (co-supervised with Robert Loucks)
- 2003 Jose Delgado (M.S.) Stratigraphic evolution and facies analysis in a Paleocene Reef Mound, La Popa Basin, Northeast Mexico (completed for Robert K. Goldhammer, deceased)
- 2003 Yong-Joon Park (Ph.D.) Seismic lithology and depositional facies architecture in the Texas Gulf Coast Basin: A link between rock and seismic
- 2003 Christopher L. Edwards (M.S.) Reservoir characterization, Mustang Island Block, Offshore Gulf of Mexico
- 2003 Terry L. Ramsey (Ph.D.) Forecasting U.S. Crude Oil Prices from 1945 to 1972
- 2003 Alfred D. Gomez (M.S.) Core study and sequence stratigraphic analysis of the Desmoinesian Barker Creek Zone, Table Mesa and Rattlesnake Fields, San Juan County, NM (co-supervised with Richard Buffler)
- 2002 Adrian C. Badescu (Ph.D.) Integrating 3-D seismic imaging, sequence stratigraphy, and reservoir properties to enhance secondary gas recovery of two major Miocene Gulf of Mexico offshore fields
- 2002 Budiyo (M.S.) Forel field reservoir characterization in southwest Natuna Sea, Indonesia
- 2002 Donna Cathro (Ph.D.) Three-dimensional stratal development of a carbonate-siliciclastic sedimentary regime—northern Carnarvon Basin, Northeast Australia (co-supervised with James Austin)
- 2002 Robert Koch (M.S.) Reservoir characterization of southeast Bradley Springer unit, Grady and Garvin Counties, Oklahoma
- 2002 Patricia Montoya (M.S.) Seismic detection of fractures, eastern Venezuela
- 2002 Claudia Rassi (Ph.D.) Influence of reservoir character and architecture on hydrocarbon distribution and production in the Miocene of Starfak and Tiger Shoal fields, offshore Louisiana
- 2002 Rinie M. Mekarsari (M.S.) Seismic stratigraphy of the Green Canyon area, Gulf of Mexico
- 2002 Hasan Sarikaya (M.S.) Forward seismic modeling of a tidal bar-incised valley complex: Sego Sandstone, Eastern Utah
- 2001 Jason W. Rush (M.S.) Sequence stratigraphy, Walnut Canyon, Guadalupe Mountains, Texas and New Mexico (co-supervised with Charles Kerans)
- 2001 Russell R. Hamman (M.S.) Sequence stratigraphy and stacking patterns, Woodbine Sandstone, East Texas
- 2001 Fernando Cerda (M.S.) Estimation of elastic parameters from seismic data, Teal South field, Gulf of Mexico
- 2001 Maria V. Castillo (Ph.D.) Structural analysis of Cenozoic fault systems using 3D seismic data in southern Maracaibo Basin, Venezuela (co-supervised with Paul Mann)
- 2001 Marel A. Sanchez (M.S.) Basin analysis of offshore eastern Venezuela
- 2000 Michael H. Bradley (M.S.) Sequence stratigraphy of South Timbalier field, Gulf of Mexico
- 2000 Josefa Carbon (M.S.) Stratigraphy of the Zuata Area in central Orinoco Oil Belt, Eastern Venezuela
- 2000 Jaime Castillo (M.S.) Guadalupe Formation, Cusiana field, Llanos foothills of Colombia: a sandstone-dominated unit deposited in a shelf system with tidal current influence
- 2000 Carlos Fimlay Paz (M.S.) Seismic interpretation of shore zone-inner shelf deposits in Corpus Christi Bay, South Texas
- 2000 Wade D. Hutchings (M.S.) Delaware Mountain Group, Delaware Basin: application of stacking patterns in sequence stratigraphy

- 2000 Elsa Jaimes (M.A.) Multicomponent seismology: basic concepts and applications
- 2000 Adriano Lobo Alvarez (M.A.) Fractured reservoirs: concepts and case studies
- 2000 Sunday Shepherd (M.S.) Reservoir characterization of the Northeast Hardesty field, Texas County, Oklahoma
- 1999 Bruno Courme (M.S.) Forward seismic modeling of a shelf-to-slope carbonate depositional setting from outcrop data, Abo Formation of Apache Canyon, West Texas, and comparison to its subsurface equivalent, Kingdom Abo field, Midland Basin (co-supervised with Charles Kerans)
- 1999 Jianchun Dai (Ph.D.) Integrated reservoir characterization of Sun oil and gas field, South Texas
- 1999 Jose Ignacio Guzman (Ph.D.) Reservoir systems of the Miocene LaRosa and Lagunillas Formations, Maracaibo Basin, Venezuela
- 1999 Yong-Joon Park (M.S.) Seismic stratigraphic analysis of alluvial channels, Tertiary, Pattani Basin, Gulf of Thailand
- 1999 Ceniz T. Vur (M.A., with report) Interpretation of the Oracle database management system in a geological workstation
- 1999 Fatma Akyurek (M.S.) Petrophysical and geological characterization of dolomitized carbonate ramp reservoirs: Seminole San Andres Unit Well 5309, Gaines County, West Texas
- 1998 Eugene M. Kim (Ph.D.) Natural gas ultimate recovery growth modeling by plays in the Gulf Coast Basin
- 1998 Gundogan Coskun (M.S.) Seismic stratigraphic analysis of the northern part of the Pattani Basin, Gulf of Thailand
- 1998 Cem O. Kilic (M.S.) Applying Artificial Neural Network Technology in Reservoir Characterization Studies
- 1998 Eduardo E. Ariza (M.S.) Reservoir Characterization of Lower Clearfork Dolomites in the South Wasson Field
- 1997 Wagner M. Cruz (Ph.D.) Heterogeneity Styles of Albian Grainstones in Outcrop and Subsurface
- 1996 Mauro Becker (Ph.D.) Sedimentologic Architecture, Permeability Structure, and Fractal Characteristics of Braided Fluvial Deposits, Cretaceous Açu Formation, Potiguar Basin, Brazil
- 1995 Ramon Gomez (M.A.) Eocene Reservoirs, South-Central Maracaibo, Venezuela
- 1994 Mark Barton (Ph.D.) Facies Heterogeneity in Ferron Sandstone
- 1992 Julian Castro (M.A.) Reservoir characterization and modeling of deep-water sandstone reservoirs of the Bell Canyon Formation, Waha field, Delaware Basin, West Texas
- 1991 Thomas Cogswell (M.A.) Depositional and Diagenetic Controls in Production in Frio (Oligocene) Sands at Monte Cristo Field, Hidalgo County, Texas
- 1990 Richard H. Sams (Ph.D.) Carrizo-Reklaw Boundary
- 1990 Jesus A. Maguregui (M.A.) Eocene of Maracaibo Basin
- 1988 Paulo Guimares (Ph.D.) Seismic Stratigraphy and Structural Framework of Mosquero Graben, Brazil
- 1987 Rodolfo Prieto (Ph.D.) Seismic Stratigraphy and Depositional Systems of the Orinoco Platform Area, Northeastern Venezuela
- 1984 Jefferson Agra (M.A.) Depositional and Diagenetic Aspects of the Namorado Sandstone, Namorado Field, Campos Basin, Brazil
- 1982 Darci J. Sarzenski (M.A.) Reservoir Geology of the Miranga Sandstone, Miranga Field, Reconcavo Basin, Brazil
- 1981 M. V. Dauzacker (Ph.D.) Basin Analysis of Evaporitic and Post-Evaporitic Depositional Systems, Espirito Santo Basin, Brazil

- 1974 Edgar H. Guevara-Sanchez (Ph.D.) Pleistocene Facies in the Subsurface of Southwest Texas Coastal Plain
- 1974 Olusegun K. Agagu (M.A.) Depositional Characteristics of the Frio Formation, Subsurface, South Texas
- 1973 Charan Achalabhuti (Ph.D.) Pleistocene Depositional Systems of Central Texas Coastal Zone
- 1973 Charles A. Caughey (M.A.) Paluxy Formation (Lower Cretaceous) of Northeast Texas: Depositional Systems and Distribution of Groundwater, Oil, and Gas Resources
- 1973 L. Edwin Garner (M.A.) Environmental Geology of the Austin Area, Texas
- 1972 Edgar H. Guevara-Sanchez (M.A.) Depositional Systems of the Queen City Formation (Eocene), Central and East Texas
- 1970 William B. Oliver (M. A.) Depositional Systems of the Woodbine Formation (Upper Cretaceous), Northeast Texas
- 1968 William E. Galloway (M.A.) Depositional History of Wilcox Group, East-Central Louisiana

Theses and Dissertations Committees

Committees Currently Serving On

Jennifer Ashcroft (PhD)
 Craig Calkins (M.S.)
 Nysha Chaderton (Ph. D.)
 David Contreras (M. S.)
 Anjali Fernandes (Ph.D)
 Terra George (M. S.)
 Carolina Gomez (M. S.)
 Md. Rashidul Hasan (Ph.D.)
 Georgia Huggins (M. S.)
 Jeremy Kimball (M. S.) EER
 Faustino Monroy-Santiago (Ph.D.)
 Mirtes Costa Pessoa (Ph.D.) Education
 Ryan Phelps (Ph.D.)
 Hervey Priddy (Ph. D.) History
 Meera Ramoutar (M. S.) EER
 Manasij Santra (Ph. D.)
 Samuel Scott (M.S)
 Steve Seetahal (M. S.) EER
 John Singleton (Ph. D.)
 Widodo Sudomo (Ph.D)
 Sean Sullivan (Ph. D.)
 Carlos Uroza (Ph.D)

Completed Committees Served On

Enzo Aconcha, 2007 (M. S.)
 Younis K. Altobi , 2006 (Ph.D.)
 Patrick Abbott, 1973 (Ph.D.)
 Patrick Abbott, 1966 (M.A.)
 Carlos Alberto Amaya, 1996 (M.S.)
 Mario Aranda-Garcia, 1999 (M.S.)
 Terry J. Barron, 1980 (M.A.)
 Jennifer Beal, 1999 (M.S.)
 Juan C. Bermudez 2002 (Ph.D.)

Mary E. Bezara, 2007, (M. A.) EER
Stuart Blackwood, 2006 (M.S.)
Becky L. Bollinger, 1984 (M.A.)
Joseph Brewton, 1970 (M.A.)
Graeme R. Bullen, 1995 (M.A.)
Robert Burger (Ph.D.)
Edward Lee Calaway, 1983 (M.A.)
Cristian Carvajal 2007 (Ph.D.)
Nysha Chaderton, 2006, (M.S.)
Arthur Cleaves, 1975 (Ph.D.)
Ricardo Combellas, 2003 (Ph.D.)
John Doyne Cooper, 1964 (M.A.)
Matthew Davis, 2005 (M.S.)
Feliz A. Diaz, 1998 (M.A.)
Catherine L. Duncan 2002 (Ph.D.)
Tarek A. S. ElShayeb, 2005 (Ph.D.)
Allan Erxleben, 1974 (M.A.)
Laura Faulkenberry, 1999 (M.S.)
Mulugeta Fesha 2002 (Ph.D.)
Manuel Figueiredo, 1981 (Ph.D.)
Robert Forkner 2007 (Ph.D.)
Michel A. Fox, 1984 (M.A.)
Antonio Moreno Funes (M.A.) EMR
Edmund L. Frost, 2007 (Ph.D.)
William E. Galloway, 1971 (Ph.D.)
Emilio Garciacaro, 2006 (M.S.)
Javier Garcia 2002 (M.S.)
Ramon J. G. Garcia, 1995 (M.A.)
Roberto Garcia, 1972 (M.A.)
Armando A. Guillen (M.A.) EMR
H. Scott Hamlin, 2000 (Ph.D.)
Jose Hernandez G. (M.S.)
Seven W. Hodgkins (M.A.)
Reuven Hollo, 1995 (Ph.D.)
Senira Kattah, 1999 (Ph.D.)
Pedro Leon, 1998 (M.S.)
Julie Maher, 2007 (M. S.)
Samaaria Malik, 2005 (M. A.), EMR
Sarah Shahbano Malik, 2004 (M.A.) EMR
Jorge Marchan, 1999 (M.S.)
James D. McConnell, 1980 (M.B.A.)
Joseph Hobbs McGowen, 1969 (Ph.D.)
Joseph Mehring, 2005,(M.S.)
Daniel L. Mendez, 2001 (M.A.)
Paulo Vicente Alves Milanez, 1984 (M.A.)
Sara Milewski, 2007 (M.S.)
Thomas E. Miskelley, 2001 (M.S.)
Jullymar Morantes, 2003 (M.S.)
Lorena Moscardelli , 2006, (Ph.D.)
Jorge Enrique Nieto, 1995 (M.A.)
Antonio Sergio T. Netto, 1974 (M.A.)
Sylvia Nordfjord, 2005 (Ph.D.)
Ariana Osman, 2006 (M. S.)
Ronald Oribio Quintana, 1997 (M.S.)
Petro Papasis, 2005 (M.S.)
Andrew Petter, 2005 (M.S.)
Wagner Peres, 1990 (Ph.D.)
Edgar Pinzon, 2007 (M. S.)
Ryan Phelps, 2006 (M.S.)

Jose Ulises Ricoy Salderma, 1987 (Ph.D.)
Luis O. Rodriguez, 1999 (Ph.D.)
Steve Royer, 1998 (M.S.)
Carla Sanchez, 2006 (M.S.)
Patricio Sanchez, 2007 (M.A.) EER
Carlton R. Schwab, 1983 (M.A.)
Nazim O. Sipahioglu, 2000 (M.S.)
Raul Solis F., 1980 (Ph.D.)
Rogerio Schiffer Souza, 1999 (Ph.D.)
Laurence J. Strauss, 1988 (M.A.)
Sean Sullivan (M.S.)
Kossouth Synder, 2004 (Ph.D, PGE)
Dennis Sylvia 2002 (Ph.D.)
Leonor Tovar-Guillen (M. A.) EMR
Pedro Wilson Teixeira, 1984 (M.A.)
Barbara Tiliston , 2003, (M.S.)
Eric Tutijer, 2003 (M.S.)
Everett Upshaw, 1991 (Ph. D.) History
Judson Bryan Walker , 2003 (M.S.)
Larry L. Walker, 2004 (M.A.) EMR
Rene Winter, 2006 (M. S.)
Quicheng Ye, 1997 (Ph.D.)
Meghan Ward, 2006, (M.S.)
Xinxia Wu, 2004 (Ph.D.)
Helena Zirczy, 2000 (M.S.)