

**MS and PhD UT graduate students with Paul Mann as primary advisor
(1986-present)**

Corrigan, Jeffrey D., 1986, Geology of the Burica Peninsula, Panama-Costa Rica: Neotectonic implications for the southern Middle America convergent margin, unpubl. MA thesis, Univ. Texas at Austin, 152 p. (Now at ZetaWare, Inc., Sugar Land, Texas).

Corrigan, J.D., Mann, P., and J.C. Ingle, Jr., 1990, Forearc response to subduction of the Cocos Ridge, Panama-Costa Rica, Geological Society of America Bulletin, v. 102, p. 628-652. UTIG no. 734.

Mann, P., and **Corrigan, J.D.**, 1990, Model for late Neogene deformation in Panama: Geology, v. 18, p. 558-562. UTIG no. 788.

de Zoeten, Ruurdjan, 1988, Structure and stratigraphy of the Central Cordillera Septentrional, Dominican Republic, unpubl. MA thesis, Univ. Texas at Austin, 168 p., (Vols. 1 and 2) (now an exploration geologist at Kosmos Energy, Dallas, TX).

de Zoeten, R., and Mann, P., 1991, Structural geology and Cenozoic tectonic history of the Central Cordillera Septentrional, Dominican Republic, in Mann, P., Draper, G., and Lewis, J. F., eds., Geologic and Tectonic Development of the North America-Caribbean Plate Boundary in Hispaniola, GSA Special Paper 262, p. 265-279. UTIG no. 878.

Dolan, J., Mann, P., **de Zoeten, R.**, Heubeck, C., Shiroma, J., and Monechi, S., 1991, Sedimentologic, Stratigraphic, and tectonic synthesis of Eocene-Miocene sedimentary basins, Hispaniola and Puerto Rico, in Mann, P., Draper, G., and Lewis, J. F., eds., Geologic and Tectonic Development of the North America-Caribbean Plate Boundary in Hispaniola, GSA Special Paper 262, p. 217-264. UTIG no. 877.

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Heubeck, Christoph, 1988, Geology of the Southeastern Termination of the Cordillera Central, South-central Hispaniola, Greater Antilles, unpubl. MA thesis, Univ. Texas at Austin, 251 p., (Vols. 1 and 2) (now professor of geology, Free University of Berlin, Germany).

Heubeck, C., and Mann, P., 1991, Geologic evaluation of plate kinematic models for the northern Caribbean plate boundary zone, *Tectonophysics*, v. 191, p. 1-26. UTIG contribution no. 824.

Heubeck, C., and Mann, P., 1991, Structural geology and Cenozoic tectonic history of the southeastern termination of the Cordillera Central, Dominican Republic, in Mann, P., Draper, G., and Lewis, J. F., eds., *Geologic and Tectonic Development of the North America-Caribbean Plate Boundary in Hispaniola*, GSA Special Paper 262, p. 315-336. UTIG no. 863.

Dolan, J., Mann, P., de Zoeten, R., **Heubeck, C.**, Shiroma, J., and Monechi, S., 1991, Sedimentologic, stratigraphic, and tectonic synthesis of Eocene-Miocene sedimentary basins, Hispaniola and Puerto Rico, in Mann, P., Draper, G., and Lewis, J. F., eds., *Geologic and Tectonic Development of the North America-Caribbean Plate Boundary in Hispaniola*, GSA Special Paper 262, p. 217-264. UTIG contribution no. 877.

Heubeck, C., Mann, P., Dolan, J., and Monechi, S., 1991, Diachronous uplift and recycling of sedimentary basins during Cenozoic tectonic transpression, northeastern Caribbean plate margin: *Sedimentary Geology*, v. 70, p. 1-32. UTIG contribution no. 828.

Mann, P., Lebron, M. C., Rodriquez, J., and **Heubeck, C.**, 1991, Geologic map of the southern Dominican Republic (3 sheets), in Mann, P., Draper, G., and Lewis, J. F., eds., *Geologic and Tectonic Development of the North America-Caribbean Plate Boundary in Hispaniola*, GSA Special Paper 262, scale 1:150,000.

Heubeck, C., 1992, Sedimentology of large olistoliths, southern Cordillera Central, Hispaniola: *Sedimentology*, v. 62, p. 474-482.

Lamar, Michael E., 1990, Structure and stratigraphy of Pliocene evaporites, Enriquillo Valley, Dominican Republic, unpubl. MA thesis, Univ. Texas at Austin, 181 p. (now a physician, Waco, Texas).

Mann, P., McLaughlin, P., van den Bold, W., Lawrence, S., and **Lamar, M.**, 1999, Tectonic and eustatic controls on Neogene evaporitic and clastic deposition in the Enriquillo Basin, Dominican Republic, *Caribbean Sedimentary Basins*, Elsevier *Sedimentary Basins of the World Series*, Series Editor, K. Hsu, p. 287-342. UTIG contribution no. 1424.

Tyburski, Stacey A., 1992, Deformational mechanisms along active astrike-slip faults: SeaMARC II and seismic data from the North America-Caribbean plate boundary, unpubl. MA thesis, Univ. Texas at Austin, 194 p. (now with Nexen, Inc., Calgary, Canada).

Mann, P., **Tyburski, S. A.**, and Rosencrantz, E., 1991, Neogene development of the Swan Islands restraining-bend complex, Caribbean Sea, *Geology*, v. 19, p. 823-826. UTIG contribution no. 864.

Kolarsky, Radim A., 1992, Late Cretaceous-Cenozoic tectonics and sedimentation in southern Central America (Costa Rica and Panama): unpubl. MA thesis, Univ. Texas at Austin, 351 p. (now with Kolarsky Development Consulting, Pearl River, Louisiana)

Kolarsky, R.A., and Mann, P., 1995, Structure and neotectonics of an oblique-subduction margin, southwestern Panama, in Mann, P., editor, *Geologic and tectonic development of the Caribbean plate boundary in southern Central America*, Geological Society of America Special Paper 295, p. 131-157. UTIG contribution no. 1064.

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Phinney, Eric, 1997, Sequence stratigraphy, structure and tectonics of the southern Ontong Java Plateau and Malaita accretionary prism, Solomon Islands: unpubl. MA thesis, Univ. of Texas at Austin, 128 p. (now at BP, Cairo, Egypt).

Phinney, E., Mann, P., Coffin, M., and Shipley, T., 1999, Sequence stratigraphy and structure of the southwestern Ontong Java Plateau adjacent to the North Solomon trench and Solomon Islands, *Journal of Geophysical Research*, v. 104, p. 20,449-20,466. UTIG contribution no. 1409.

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Cowley, Shane, 1998, Oligocene to Recent stratigraphic and tectonic history of the central Solomon Intra-arc basin as determined from marine seismic data and onshore geology: unpubl. MA thesis, Univ. of Texas at Austin, 103 p. (now at BP, Cairo, Egypt).

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Castillo, Veronica, 2001, Structural analysis of Cenozoic fault systems using 3D seismic data in the southern Maracaibo basin, Venezuela, unpubl. Ph.D. dissertation, Univ. of Texas at Austin, 188 p. (now at Eni Dacion, B.V., and lecturer at Simon Bolivar University, Caracas, Venezuela).

Castillo, V., and Mann, P., 2006, Cretaceous to Holocene structural and stratigraphic development in South Lake Maracaibo, Venezuela, inferred from well and 3D seismic data, AAPG Bulletin, v. 90, p. 529-565. UTIG contribution 1772.

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Mann, P., Escalona, A., and **Castillo, V.**, 2006, Regional geologic and tectonic setting of the Maracaibo supergiant basin, western Venezuela, AAPG Bulletin, v. 90, p. 445-477. UTIG contribution no. 1777.

Jaimes Carvajal, Martha, 2003, Paleogene to recent tectonic and paleogeographic evolution of the Cariaco basin, Venezuela, unpubl. MS thesis, Univ. of Texas at Austin, 94 p. (now at PDVSA, Caracas, Venezuela).

Rogers, Rob, 2003, Jurassic-recent tectonic and stratigraphic history of the Chortis block of Honduras and Nicaragua (northern Central America), unpubl. Ph.D. dissertation, Univ. of Texas at Austin, 264 p (now assistant professor at Department of Geology, California State University at Stanislaus).

Rogers, R., Karason, H., and van der Hilst, R., 2002, Epeirogenic uplift above a detached slab in northern Central America: Geology, v. 30, p. 1031-1034. UTIG contribution no. 1603.

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DeMets, C., Mattioli, G., Jansma, P., **Rogers, R.**, Tenorio, C., and Turner, H., 2007, Present motion and deformation of the Caribbean plate: Constraints from new GPS geodetic measurements from Honduras and Nicaragua, in Mann, P., editor, Geologic and Tectonic Development of the Caribbean Plate Boundary in Northern Central America, Geological Society of America Special Paper 428, p. 21-36.

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Rogers, R., Mann, P., and Emmet, P., 2007, Tectonic terranes of the Chortis block based on integration of regional aeromagnetic and geologic data, in Mann, P., editor, Geologic and Tectonic Development of the Caribbean Plate Boundary in Northern Central America, Geological Society of America Special Paper 428, p. 65-88. UTIG contribution no. 1868.

Rogers, R., Mann, P., Scott, R. and Patino, L., 2007, Cretaceous intra-arc rifting, sedimentation, and basin inversion in east-central Honduras, in Mann, P., editor, Geologic and Tectonic Development of the Caribbean Plate Boundary in Northern Central America, Geological Society of America Special Paper 428, p. 89-128. UTIG contribution no. 1707.

Rogers, R., Mann, P., Emmet, P., and Venable, M., 2007, Colon fold belt of Honduras: Evidence for late Cretaceous collision between the continental Chortis block and intra-oceanic Caribbean arc, in Mann, P., editor, Geologic and Tectonic Development of the Caribbean Plate Boundary in Northern Central America, Geological Society of America Special Paper 428, p. 129-149. UTIG contribution no. 1902.

Jordan, B., Sigurdsson, H., Carey, S., Lundin, S., **Rogers, R.**, Singer, B., and Barquero-Molina, M., 2007, Petrogenesis of Central American Tertiary ignimbrites and associated Caribbean Sea tephra, in Mann, P., editor, Geologic and Tectonic Development of the Caribbean Plate Boundary in Northern Central America, Geological Society of America Special Paper 428, p. 151-179.

Escalona, Alejandro, 2003, Regional tectonics, sequence stratigraphy, and reservoir properties of Eocene clastic sedimentation, Maracaibo basin, Venezuela, unpubl. Ph.D. dissertation, Univ. of Texas at Austin, 222 p (now associate professor of geology at the University of Stavanger, Norway).

Escalona, A., and Mann, P., 2003, Three-dimensional structural architecture and tectonic evolution of the Eocene pull-apart basin, Maracaibo basin, Venezuela, Marine and Petroleum Geology, v. 20, p. 141-161. UTIG contribution no. 1640.

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Escalona, A. and Mann, P., 2006, An overview of petroleum systems of the Maracaibo basin, AAPG Bulletin, AAPG Bulletin, v. 90, p. 657-678. UTIG contribution 1775.

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Duerto, L., **Escalona, A.**, and Mann, P., 2006, Deep structure of the Merida Andes and Sierra de Perija mountain fronts, Maracaibo basin, Venezuela, AAPG Bulletin, v. 90, p. 505-528. UTIG contribution 1771.

Aitken, Trevor, 2005, Cenozoic stratigraphic and tectonic history of the Grenada and Tobago basins as determined from marine seismic data, wells, and onland geology, unpubl. MS thesis, Univ. of Texas at Austin, 89 p. (now at Devon Energy, Houston, Texas).

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Gorney, D., Escalona, A., Mann, P., Magnani, B., and BOLIVAR study group, 2007, Chronology of Cenozoic tectonic events in western Venezuela and the Leeward Antilles based on integration of offshore seismic reflection data and on-land geology, AAPG Bulletin, v. 91, no. 5, p. 653-684. **UTIG contribution no. 1825.**

Garciacono, E., 2006, Stratigraphic architecture and basin fill evolution of a plate margin basin, eastern offshore Trinidad and Venezuela, unpubl. MS thesis, Univ. of Texas at Austin, 150 p. (now at Statoil, Houston, Texas).

Garciacono, E., Escalona, A., Mann, P., Wood, L., Moscardelli, L., and Sullivan, S.*, Structural controls on Quaternary deepwater sedimentation, mud diapirism, and hydrocarbon distribution within the actively evolving Columbus foreland basin, eastern offshore Trinidad, Marine and Petroleum Geology, special issue P. Mann and A. Escalona, editors, in press. UTIG contribution no. 2123.

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Hanzlik, Martin, 2006, Late Quaternary seismic stratigraphy and structure of the western insular shelf margin of Puerto Rico, unpubl. MS thesis, Univ. of Texas at Austin, 84 p. (now at ExxonMobil, Houston, Texas).

Castellanos, Hugo, 2007, Sequence stratigraphy and tectonics of the Guantao and Minghuazhen Formations, Zhao Dong field, Bohai Bay, eastern China, unpubl. Ph.D. dissertation, Univ. of Texas at Austin, 242 p. (W. Fisher and P. Mann, co-supervisors) (now at Apache Corporation, Houston, Texas).

Soto, David, 2007, Structural and basinal architecture and active strike-slip faulting of the eastern offshore area of Trinidad, unpubl. MS thesis, Univ. of Texas at Austin, (now at Repsol, Bogota, Colombia).

Soto, D., Mann, P., Escalona, A., and Wood, L., 2007, Late Holocene strike-slip offset of a subsurface channel interpreted from three-dimensional seismic data, eastern offshore Trinidad: *Geology*, v. 35, no. 9, p. 859-862; doi: 10.1130/G23738A.1. UTIG contribution no. 1909.

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Funk, Justin, 2007, Cenozoic tectonics of the Nicaraguan depression, Nicaragua, and Median trough, El Salvador, based on seismic reflection profiling and remote sensing data, unpubl. MS thesis, Univ. of Texas at Austin, 188 p. (now at Devon Energy, Houston, Texas).

Funk, J., Mann, P., McIntosh, K., and Stephens, J., 2009, Cenozoic tectonics of the Nicaraguan depression, Nicaragua, and Median trough, El Salvador, based on seismic reflection profiling and remote sensing data: *Geological Society of America Bulletin*, 2009, v. 121, no. 11/12, p. 1491- 1521, doi: 10.1130/B26428.1. UTIG contribution no. 1995.

Kroehler, Margaret, 2007, Tectonics and sequence stratigraphy of the Venezuelan basin, Caribbean Sea, unpublished MS thesis, University of Texas at Austin, 108 p. (now at Noble Energy, Houston, Texas).

Vence, Eleine, 2008, Tectonic controls on middle Eocene to Recent seismic sequences along the Guajira margin of northern Colombia, unpublished MS thesis, University of Texas at Austin, 128 p. (now at ConocoPhillips, Houston, Texas).

Contreras, David, 2008, Defining the northeastern boundary of the supergiant Maracaibo foreland basin, Venezuela, unpublished MS thesis, University of Texas at Austin, 184 p. (now at PDVSA, Venezuela)

Taboada, Gustavo, 2009, Tectonostratigraphic evolution of the northeastern Maturin foreland basin, Venezuela, unpublished MS thesis, University of Texas at Austin, 97 p. (now at PDVSA, Venezuela)

Punnette, Stefan, 2010, Structural framework and its influence on the Quaternary-age sequence architecture of the northern shelf of Trinidad and Tobago, unpublished MS thesis, University of Texas at Austin, 166 p. (now at BP, Houston).

Current graduate students:

Campos, Henry, Tectonics and petroleum potential of the Llanos Orientales foreland basin, Colombia (MS thesis in progress, expected date of graduation, 2011).

Fitz, Guy, Along-strike variations in extensión from the Woodlark spreading center to mainland Papua New Guinea: New constraints from offshore seismic reflection and well data (MS thesis in progress, expected date of graduation, 2011).

Rodriguez, Anthony, Subsurface zapping and hydrocarbon potential of Late Cretaceous and Early Tertiary sequences and structures in the Mexican sector of the Gulf of Mexico (MS thesis in progress, expected date of graduation, 2011).

Wu, Guangliang, Tectonics of the northeastern Caribbean based on seismic reflection and well data (MS thesis in progress, expected date of graduation, 2012).

Alvarez, Tricia, Tectonostratigraphic evolution of the Trinidad-Columbus basin, shelf-to-basin-floor-system (post-orals PhD student, expected graduation date, 2012).

Bernal, Rocio, Tectonics, structure, stratigraphy, and petroleum systems of the Lower Magdalena basin of Colombia (pre-orals PhD student, expected graduation date, 2013).

Prieto, Maria Isabel, Tectonostratigraphic development of the Colombian sector of the Nicaraguan Rise, Caribbean Sea (pre-orals PhD student, expected graduation date, 2014).

PhD and M.S. committee work in the U.T. Department of Geological Sciences (1990 present)

Gordon, Mark B., 1990, Strike-slip faulting and basin formation at the Guayape fault-Valle de Catacamas intersection, Honduras, Central America, unpubl. Ph.D. dissertation, Univ. of Texas at Austin, 259 p. (W. Muehlberger, chairman) (now at Repsol YPF, The Woodlands, TX).

Mann, P., and **Gordon, M.**, 1996, Tectonic uplift and exhumation of blueschist belts along transpressional strike-slip fault zones, in Dynamics of Subduction Zones, G. Bebout, D. Scholl, S. Kirby, and J. Platt, eds. Geophysical Monograph 96, American Geophysical Union, Washington, D. C., p. 143-154 . UTIG no. 1187.

Gordon, M., Mann, P., Caceres, D., and Flores, R., 1997, Cenozoic tectonic history of the North America-Caribbean plate boundary in western Cuba, *Journal of Geophysical Research*, v. 102, p. 10,055-10,082. UTIG no. 1240.

Mann, P., Gahagan, L., and **Gordon, M.**, 2001, Tectonic classification of the world's giant oil fields, *World Oil*, v. 222, (9) 42-50; (10) 78-84; (11) 56-60 UTIG contribution no. 1549.

Mann, P., Gahagan, L., and **Gordon, M.**, 2003, Tectonic setting of the world's giant oil fields, *Giant Oil Fields of the Decade, 1990-2000*, AAPG Memoir, M. Halbouty and M. Horn, eds., in ed. M. Halbouty, *Giant Oil and Gas Fields of the Decade 1990-1999*, p. 15-105. UTIG contribution no. 1590.

Meneses-Rocha, Javier, 1991, Tectonic development of the Ixtapa graben, Chiapas, Mexico, unpubl. Ph.D. dissertation, Univ. of Texas at Austin, 308 p. (W. Muehlberger, chairman; now at PEMEX, Mexico City, Mexico)

Lugo, Jairo M., 1991, Cretaceous to Neogene tectonic control on sedimentation, Maracaibo basin, Venezuela, unpubl. Ph.D. dissertation, Univ. Texas at Austin, 219 p. (A. Salvador, chairman) (now a consultant, Caracas, Venezuela)

Lugo, J., and Mann, P., 1992, Colision obliqua y formacion de una cuenca foreland durante el Paleoceno tardio al Eoceno medio, Cuenca de Maracaibo, Venezuela, *Transactions of the 8th Latin American Geological Congress*, Salamanca, Spain, p. 60-64. UTIG no. 993.

Lugo, J., and Mann, P., 1995, Jurassic-Tertiary history of the Maracaibo basin, Venezuela, in A. Tankard, R. Suarez, and H. Welsink, editors, *Petroleum Basins of South America*, American Association of Petroleum Geologists Memoir 62, p. 699-725. UTIG no. 1040.

Cunningham, W. Dickson, 1993, Geological investigations at the southern tip of the Americas: The development of the Patagonian orocline and uplift of the Cordillera Darwin metamorphic complex, southernmost Chile, unpubl. Ph.D. dissertation, Univ. of Texas at Austin, 259 p. (I. Dalziel, chairman; now senior lecturer at Univ. of Leicester, U.K.).

Cunningham, W. D., Klepeis, K., Gose, W., and Dalziel, I., 1991, Patagonian orocline: New paleomagnetic data from the Andean magmatic arc in Tierra del Fuego, Chile, *Journal of Geophysical Research*, v. 96, p. 16061-16067. UTIG contribution no. 875.

Cunningham, W. D., 1993, Strike-slip faults in the southernmost Andes and development of the Patagonian orocline, v. 12, p. 169-186. UTIG contribution no. 943.

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tectonic evolution of the Beagle Channel region, v. 7, p. 135-147. UTIG contribution no. 1095.

Cunningham, W. D., Dalziel, I., Lee, T., and Lawver, L., 1995, Southernmost South America- Antarctic Peninsula relative plate motions since Gondwana break-up: Implications for the tectonic evolution of the Scotia Arc region, *Journal of Geophysical Research*, v. 100, p. 8257- 8266. UTIG contribution no. 1144.

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Marton, Gyorgy, 1995, Jurassic evolution of the southeastern Gulf of Mexico, unpubl. Ph.D. dissertation, Univ. of Texas at Austin, 220 p. (R. Buffler, chairman) (now with Chevron, Houston TX).

Marton, G., and Buffler, R. T., 1993, Application of simple-shear model to the evolution of passive continental margins of the Gulf of Mexico basin: *Geology*, v. 21, p. 495-498. UTIG contribution no. 946.

Marton, G., and Buffler, R. T., 1993, The southeastern Gulf of Mexico in the framework of the opening of the Gulf of Mexico basin, in *Mesozoic and Early Cenozoic Developments of the Gulf of Mexico and Caribbean region*, edited by J. L. Pindell and B. F. Perkins, *Gulf Coast Section- SEPM*, p. 51-67. UTIG contribution no. 984.

Mauffret, A., B. M. de Lepinay, S. Leroy, J.-M. Vila, A. Campan, C. Green, C. Gorini, **G. Marton**, and J. Rodriguez-Reyes, 1994, Images sismiques d'une tectonique transpressive intraplaque du plateau et de la croûte océanique caraïbe (fosse de Cayman, passage d'Aruba): Premiers résultats de la campagne "CASIS", *Comptes Rendus Académie Sciences Paris*, v. 18, p. 1379-1386. UTIG contribution no. 1096.

Marton, G., and Buffler, R. T., 1994, Jurassic reconstruction of the Gulf of Mexico basin: *International Geology Review*, v. 36, p. 545-586. UTIG contribution no. 1147.

Marton, G., and Buffler, R. T., 1999, Jurassic-Early Cretaceous tectono-paleogeographic evolution of the southeastern Gulf of Mexico basin, Chapter 3 in *Caribbean Basins, 4: Sedimentary Basins of the World*, edited by P. Mann, Elsevier, Amsterdam, p. 63-91. UTIG contribution no. 1339.

Babb, Stephen, 1997, Tectonics and sedimentation of the Gulf of Paria and Northern Basin, Trinidad, unpubl. Ph.D. dissertation, Univ. of Texas at Austin, 200 p. (R. Buffler, chairman) (now with British Gas, Trinidad).

Babb, S., and Mann, P., 1999, Structural and sedimentary development of a Neogene transpressional boundary between the Caribbean and South America plates in Trinidad

and the Gulf of Paria, Caribbean Sedimentary Basins, Elsevier Sedimentary Basins of the World Series, Series Editor, K. Hsu, p. 495-557. UTIG contribution no. 1425.

Jimenez, Juan Carlos, 1997, Structural styles of the Andean foothills, Putumayo basin, Colombia, unpubl. M.S. thesis, University of Texas at Austin, 74 p. (R. Marrett, chairman; now with IHS Energy Group, Houston, TX).

Rodriguez, Luis O., 1999, Tectonic analysis, stratigraphy, and depositional history of the Miocene sedimentary section in the central part of the Eastern Venezuelan Basin (West of Anzoategui State), unpubl. Ph.D. dissertation, University of Texas at Austin, 158 p. (W. Galloway, chairman; now with PDVSA, Puerto la Cruz, Venezuela).

van Gestel, Jean-Paul, 2000, Part I, Tectonics of the Puerto Rico trench and Puerto Rico-Virgin Islands Platform as Determined from Studies of Seismic Reflection Data; Part II, Migration of Ground Penetrating Radar Data, unpubl. Ph.D. dissertation, Univ. of Texas at Austin, 213 p. (P. Stoffa, chairman; now with BP, the Netherlands).

van Gestel, J. P., Mann, P., Grindlay, N., and Dolan, J. F., 1998, Structure and tectonics of the late Cenozoic Puerto Rico-Virgin Islands carbonate platform as determined from seismic reflection studies: *Journal of Geophysical Research*, v. 103, p. 30,505-30,530. UTIG contribution 1387.

van Gestel, J. P., Mann, P., Grindlay, N., and Dolan, J. F., 1999, Three-phase tectonic evolution of the northern margin of Puerto Rico as inferred from an integration of seismic reflection, well, and outcrop data: *Marine Geology*, v. 161, p. 257-286. UTIG contribution no. 1427.

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