

## CURRICULUM VITAE (FULL)

Gail L. Christeson  
Research Scientist  
University of Texas Institute for Geophysics  
4412 Spicewood Springs Rd, Bldg 600  
Austin, TX 78759  
Voice: (512)471-0463  
Fax: (512)471-0348  
E-mail: gail@ig.utexas.edu

### Research Interests

I am interested in crustal structure of various geological environments. My early work focused on the formation of oceanic crust at mid-ocean ridges, and I am continuing this work with a project to correlate the geologic structure observed at Hess Deep and the Blanco Fracture Zone with the seismic structure observed at the adjacent plateaus. Since my employment at UTIG I have expanded my interests to the structure of subducting crust near Costa Rica and Barbados, the size and morphology of the Chicxulub impact crater, the nature of the crust within Bransfield Strait, the oblique arc-continent collision zone in the SE Caribbean, and the interplay between tectonics and erosions near the Gulf of Alaska. In order to characterize the structure in these various environments I collect wide-angle seismic data using a large air-gun source and ocean bottom seismograph receivers; this is often done in conjunction with the acquisition of multi-channel seismic reflection profiles. I then use various techniques, including 1D reflectivity modeling, 2D ray-tracing, and 2D and 3D tomography to constrain crustal structure.

### Education

B.S. Geophysics, Texas A&M University, 1988  
Ph.D. Geophysics, Massachusetts Institute of Technology/Woods Hole Oceanographic Institution, 1994. Thesis title: Shallow Crustal Structure of the East Pacific Rise Near 9°30'N. Thesis advisor: G.M. Purdy.

### Positions Held

Research Scientist, University of Texas Institute for Geophysics (9/01-present)  
Research Associate, University of Texas Institute for Geophysics (9/95-8/01)  
Post-doctoral Fellow, University of Texas Institute for Geophysics (1/94 - 8/95)

### Field Experience

2005 Yucatan Peninsula - assisted in deployment of seismometers in support of the Chicxulub seismic experiment.  
2004 *R/V Maurice Ewing*, Seismic Study at Blanco Transform (chief scientist)  
2004 *R/V Seward Johnson II*, SE Caribbean OBS Program (chief scientist)  
2004 Yucatan Peninsula - assisted in deployment and recovery of seismometers in support of the Chicxulub seismic experiment.  
2003 *R/V Maurice Ewing*, Seismic Study at Hess Deep (chief scientist)  
2000 *RVIB Nathaniel B. Palmer*, Bransfield Strait OBS Experiment

- 1999 *R/V Atlantis*, Geological Investigation of Upper Oceanic Crust at Hess Deep Using AMS-120, Argo, and Alvin
- 1998 *R/V Maurice Ewing*, Coincident MCS/OBS Seismic Reflection/Refraction Study of Lesser Antilles Subduction Zone Backstop and Accretionary Complex
- 1995 *R/V Maurice Ewing*, TICOSECT: Seismic Experiments to Study Subduction of the Cocos Plate beneath Costa Rica
- 1991 *R/V Atlantis II*, On-bottom Refraction Experiments on the East Pacific Rise Near Latitude 9°30'N
- 1989 *CSS John P. Tully*, Seismic Experiments on the Northern Symmetric and Endeavor Segments of the Juan de Fuca Ridge
- 1988 *R/V Robert D. Conrad*, Sea Beam Survey of the Mid-Atlantic Ridge: Kane to Atlantis Fracture Zones I
- 1988 *R/V Robert D. Conrad*, SeaMARC II Imaging of the Kane Fracture Zone

### Professional Societies

American Geophysical Union, 1986 – present  
 Society of Exploration Geophysics, 1986 - 1993

### Service

IODP Science Steering and Evaluation Panel (SSEP), May 2006 - present  
 Ocean Bottom Seismometer Instrument Pool (OBSIP) Management Committee, May 2006 - present

NSF/JOI panel: OOI (Ocean Observatories Initiative)/ORION Request for Assistance (RFA), September 2005

NSF Marine Geosciences Section (MGG and ODP) proposal review panel, multiple times.

JOIDES Site Survey Panel, April 1997 - February 2000

UT Jackson School Opportunity Hire Search Committee (chair), January 2007 - present

UT Jackson School Endowment Committee, September 2005 - present

UT Jackson School Dean Search Committee, October 2005 - April 2006

UTIG Fellowship Committee, September 2005 – August 2007

UTIG PRC Building Committee, September 2001 – July 2004

UTIG Search Committee, 2 MG&G Positions, May 2001 – October 2001

UTIG Computer Graphics Committee, September 1995 – August 2003

UTIG Seismic Processing Committee, September 2000 – 2003

UTIG Seminar Committee, September 1995 – August 1999, September 2001 - August 2004

Manuscript reviewer for Earth and Planetary Science Letters, EOS, Geological Society of London, G-cubed, Geophysical Journal International, Geophysical Research Letters, Journal of Geophysical Research, Nature, Ocean Drilling Program, and Science

Proposal reviewer for National Science Foundation, National Undersea Research Program

Participant in Austin Earth Science Week Career Fair 2000 and 2002

Gave outreach presentations on various topics to the Department of Geological Sciences outreach program, Lakeway Men's Breakfast Club, Learning Activities for Mature People (LAMP) group, Galindo Elementary School 5th grade class, Cedar Creek Elementary School 5th grade class, Davis Elementary 4<sup>th</sup> graders, Kirby Hall 4<sup>th</sup> .

### Invited Presentations

January, 2006: Lamont-Doherty Earth Observatory, 'Correlation of Seismic and Geologic Boundaries in Upper Oceanic Crust'  
April, 2005: Duke University, 'Comparison of Geologic and Seismic Structure of Intermediate and Fast-Spreading Crust'  
October, 2002: Duke University, 'Structure of the Chicxulub Impact Crater'  
October, 2002: Duke University, 'Seismic Structure of Oceanic Crust'  
April, 2002: California Institute of Technology, 'Deep Crustal Structure of Bransfield Strait'  
October, 1999: Georgia Tech, 'Structure of the Chicxulub Impact Crater'  
July, 1999: Woods Hole Oceanographic Institution, 'Structure of the Chicxulub Impact Crater'  
February, 1995: Texas A&M University, 'Shallow structure of the East Pacific Rise: Ridge volcanism and the formation of layer 2A'  
March, 1993: University of Texas, Austin, 'Seismic constraints on the shallow structure of the East Pacific Rise'

### Meetings Attended

American Geophysical Union, Fall Meeting, December 1989-1995, 1997-2006  
Geological Society of America, Annual Meeting, October 2006  
IODP/ICDP Scientific Drilling of the Chicxulub Impact Crater Workshop (co-convenor), September 2006.  
Ocean Bottom Seismometer Instrument Pool (OBSIP) Management Committee Meetings, May 2006 – June 2007  
IODP Science Steering and Evaluation Panel (SSEP) Meetings, May 2006 – May 2007  
First International Conference on Impact Cratering in the Solar System, May 2006  
3D Seismic Reflection Imaging Workshop, September, 2005  
Ocean Mantle Dynamics Workshop, September 2002.  
Antarctic Marine Geology and Geophysics Research Vessel Planning Workshop, March, 2002.  
MARGINS workshop on Central American subduction processes, July 2001  
32<sup>nd</sup> Annual Lunar and Planetary Science Conference, March 2001  
63rd Annual Meteoritical Society Meeting, August, 2000  
Non-Volcanic Rifting of Continental Margins: A Comparison of Evidence from Land and Sea, September, 1999  
JOIDES Site Survey Panel, attended winter and summer meetings from April 1997 – July 1999  
Conference on Multiple Platform Exploration (COMPLEX), May, 1999  
Liason from Site Survey Panel to JOIDES Science Steering and Evaluation Panels (SSEPs), May, 1999  
Symposium: Fifty Years of Ocean Discovery - National Science Foundation, 1950-2000, October, 1998  
Sudbury Conference on Large Meteorite Impacts and Planetary Evolution, September, 1997  
Liason from Site Survey Panel to Long-term Seafloor Observatory Program Planning Group, July, 1997  
OBS (ocean bottom seismograph) workshop sponsored by NSF, July, 1997  
SEIZE (seismogenic zone) workshop sponsored by NSF, June, 1997  
Society of Exploration Geophysics International Exposition and Annual Meeting, October, 1995  
RIDGE Theoretical Institute, "Faulting and Magmatism at Mid-Ocean Ridges", June, 1995  
American Geophysical Union, Spring Meeting, May 1990-1992

## Funding History

Grant Number	Title	PI(s)	Start Date	End Date
EAR-0607801	Collaborative Research: Crust-Mantle Interactions at an Oblique Arc-Continent Collision Zone: The SE Caribbean Plate Boundary	Christeson, Mann	01 Aug, 2006	31 July, 2008
JSA6-02	Workshop: Planning joint IODP/ICDP drilling of the Chicxulub impact crater	Christeson, Gulick	01 Nov, 2005	31 Oct, 2006
EAR-0408584	Collaborative Research: St. Elias Tectonics and Erosion Project (STEEP)	Gulick, Christeson, Mann, van Avendonk	01 Aug, 2004	31 July, 2009
IRIS subaward 367	IRIS summer internship 2004	Christeson	01 June, 2003	31 Aug, 2003
IRIS subaward 355	IRIS summer internship 2003	Christeson	01 June, 2003	31 Aug, 2003
OCE-0221103	Collaborative Research: Imaging and Modeling Impact Generated Deformation at the Chicxulub Crater, Joint US/UK/Mexico Investigation and IODP Site Survey	Gulick, Christeson	01 Jan, 2003	31 Dec, 2005 (no-cost extension to Dec 31, 2007)
GEO-0224501	Cataclysms and Catastrophes – The Role of Science in Natural and Human-Induced Disasters	Ellins, Gutierrez, Gulick, Christeson	01 Oct, 2002	30 Sep, 2004
OCE-0137286	Correlation of Seismic Structure with Observed Outcrop Geology: MCS/OBS Investigation of Hess Deep and Blanco Transform	Christeson, McIntosh, Nakamura	01 Aug 2002	31 July 2005 (no-cost extension to July 31, 2007)
EAR-0003588	Collaborative Research: Crust-mantle interactions during continental growth and high-pressure rock exhumation at an oblique arc-continent collision zone: SE Caribbean margin	Mann, Christeson (transferred from Pecher)	01 Aug 2001	31 July 2005 (no-cost extension to July 31, 2007)
OPP-9814041	The Young Marginal Basin as a Key to Understanding the Rift-Drift Transition and Andean Orogenesis: OBS Refraction Profiling for Crustal	Austin, Dalziel, Nakamura, and Christeson	01 Jul 1999	30 June 2002

	Structure in Bransfield Strait, West Antarctica			
OCE- 9818868	Structure Across Center of Chicxulub Impact Crater	Christeson	01 Mar 1999	28 Feb 2001
OCE- 9617751	Structure, Tectonics and Sediment Flow into the Lesser Antilles Subduction Zone	Bangs, Shipley, Christeson, and Nakamura	16 Jan 1998	15 Jan 2001
OCE- 9415716	Structure of the Chicxulub KT Impact Crater, Yucatan, Gulf of Mexico	Buffler, Naka- mura, Christeson	01 Apr 1996	31 Mar 1999

### Journal Publications

- Christeson, G.L.**, P. Mann, A. Escalona, and T.J. Aitken, Crustal structure of the Caribbean-northeastern South America arc-continent collision zone, *J. Geophys. Res.*, submitted, 2007.
- Gulick, S.P.S., P.J. Barton, **G.L. Christeson**, M. McDonald, K. Mendoza-Cervantes, J.V. Morgan, Z.F. Pearson, A. Surrendra, J. Urrutia-Fucugauchi, P.M. Vermeesch, and M.R. Warner, Implications of structural asymmetries in the Chicxulub impact crater, *Nature Geosciences*, submitted, 2007.
- Gorney, D., P. Mann, A. Escalona, B. Magnani, and **BOLIVAR Study Group**, Chronology of Cenozoic tectonic events in western Venezuela and the Leeward Antilles based on integration of offshore seismic reflection data and onland geology, *AAPG Bulletin*, 91, 653-684, 2007.
- Clark, S. A., D. S. Sawyer, J. A. Austin, Jr., **G. L. Christeson**, and Y. Nakamura, Characterizing the Galicia Bank-Southern Iberia Abyssal Plain rifted margin segment boundary using MCS and OBS data, *J. Geophys. Res.*, 112, B03408, doi: 10.1029/2006JB004581, 2007.
- Christeson, G.L.**, K.D. McIntosh, and J.A. Karson, Inconsistent correlation of seismic layer 2A and lava layer thickness in oceanic crust, *Nature*, 445, 418-421, 2007.
- Levander, A., M. Schmitz, H. Ave Lallemand, C.A. Zelt, D.S. Sawyer, M.B. Magnani, P. Mann, **G.L. Christeson**, J.E. Wright, G.L. Pavlis, and J. Pindell, Evolution of the southern Caribbean Plate boundary, *Eos Trans. AGU*, 87, 97-100, 2006.
- Morgan, J., M. Warner, J. Urrutia-Fucugauchi, S. Gulick, **G. Christeson**, P. Barton, M. Rebolledo-Vieyra, and J. Melosh, Chicxulub Crater seismic survey prepares way for future drilling, *Eos Trans. AGU*, 86, 325-328, 2005.
- Christeson, G.L.**, D.H.N. Barker, J.A. Austin, Jr., and I.W.D. Dalziel, Deep crustal structure of Bransfield Strait: Initiation of a backarc basin by rift reactivation and propagation, *J. Geophys. Res.*, 108(B10), 2492, doi:10.1029/2003JB002468, 2003.
- Christeson, G.L.**, N.L. Bangs, and T.H. Shipley, Deep structure of an island arc backstop, Lesser Antilles subduction zone, *J. Geophys. Res.*, 108(B7), 2327, doi:10.1029/2002JB002243, 2003.
- Bangs, N.L., **G.L. Christeson**, and T.H. Shipley, Structure of the Lesser Antilles subduction zone backstop and its role in a large accretionary system, *J. Geophys. Res.*, 108(B7), 2358, doi:10.1029/2002JB002040, 2003.
- Barker, D.H.N., **G.L. Christeson**, and J.A. Austin Jr., Backarc basin evolution and cordilleran orogenesis: Insights from new ocean-bottom seismograph refraction profiling in Bransfield Strait, Antarctica, *Geology*, 31, 107-110, 2003.
- Karson, J.A. and **G.L. Christeson**, Comparison of geologic and seismic structure of uppermost fast-spread oceanic crust: Insights from a crustal cross section at the Hess Deep Rift, in *Heterogeneity in the Crust and Upper Mantle: Nature, Scaling and Seismic Properties*, edited by J. Goff and K. Holliger, Kluwer Academic, New York, 99-129, 2003.
- Morgan, J.V., **G.L. Christeson**, and C.A. Zelt, 3D velocity tomogram across the Chicxulub crater: Testing the resolution, *Tectonophysics*, 355, 215-226, 2002.

- Karson, J.A., E. M. Klein, S. D. Hurst, C. E. Lee, P. A. Rivizzigno, D. Curewitz, A. R. Morris, D. J. Miller, R. G. Varga, **G. L. Christeson**, B. Cushman, J. M. O'Neill, J. G. Brophy, K. M. Gillis, M. A. Stewart, and A. L. Sutton, Structure of uppermost fast-spread oceanic crust exposed at the Hess Deep Rift: Implications for subaxial processes at the East Pacific Rise, *Geochem. Geophys. Geosyst.*, 3, 1002, doi:10.1029/2001GC000155, 2002.
- Christeson, G.L.**, Y. Nakamura, R.T. Buffler, J. Morgan, and M. Warner, Deep Crustal Structure of the Chicxulub Impact Crater, *J. Geophys. Res.*, 106, 21751-21769, 2001.
- (Note – this manuscript generated a News and Views article in Nature: Melosh, J., Deep down at Chicxulub, *Nature*, 414, 861-862, 2001.)
- McIntosh, K., F. Akbar, C. Calderon, P. Stoffa, S. Operto, **G. Christeson**, Y. Nakamura, T. Shipley, E. Flueh, A. Stavenhagen, and G. Leandro, Large aperture seismic imaging at a convergent margin: Techniques and results from the Costa Rica seismogenic zone, *Mar. Geophys. Res.*, 21, 451-474, 2000.
- Christeson, G.L.**, K.D. McIntosh, and T.H. Shipley, Seismic attenuation in the Costa Rica margin wedge: Amplitude modeling of ocean bottom hydrophone data, *Earth Planet. Sci. Lett.*, 179, 391-405, 2000.
- Morgan, J.V., M.R. Warner, G.S. Collins, H.J. Melosh, and **G.L. Christeson**, Peak ring formation in large impact craters: Geophysical constraints from Chicxulub, *Earth Planet. Sci. Lett.*, 183, 347-354, 2000.
- Christeson, G.L.**, K.D. McIntosh, T.H. Shipley, E.R. Flueh, and H. Goedde, Structure of the Costa Rica convergent margin, offshore Nicoya Peninsula, *J. Geophys. Res.*, 104, 25443-25468, 1999.
- Christeson, G.L.**, R.T. Buffler, and Y. Nakamura, Upper crustal structure of the Chicxulub impact crater from wide-angle ocean bottom seismograph data, in Dressler, B.O., and V.L. Sharpton, eds., Large Meteorite Impacts and Planetary Evolution II: Boulder, Colorado, Geological Society of America Special Paper 339, 291-298, 1999.
- Snyder, D.B., R.W. Hobbs, and the **Chicxulub Working Group**, Ringed structural zones with deep roots formed by the Chicxulub impact, *J. Geophys. Res.*, 104, 10743-10755, 1999.
- Christeson, G.L.**, P.R. Shaw, and J.D. Garmany, Shear and compressional wave structure of the East Pacific Rise, 9°-10°N, *J. Geophys. Res.*, 102, 7821-7835, 1997.
- Morgan, J., M. Warner, and the **Chicxulub Working Group**, Size and morphology of the Chicxulub impact crater, *Nature*, 390, 472-476, 1997.
- Christeson, G.L.**, G.M. Kent, G.M. Purdy, and R.S. Detrick, Extrusive thickness variability at the East Pacific Rise: Constraints from seismic techniques, *J. Geophys. Res.*, 101, 2859-2873, 1996.
- Christeson, G.L.**, Y. Nakamura, K.D. McIntosh, and P.L. Stoffa, Effect of shot interval on ocean bottom seismograph and hydrophone data, *Geophys. Res. Lett.*, 23, 3783-3786, 1996.
- Christeson, G.L.**, G.M. Purdy, and G.J. Fryer, Seismic constraints on shallow crustal emplacement processes at the fast-spreading East Pacific Rise, *J. Geophys. Res.*, 99, 17957-17973, 1994.
- Christeson, G.L.**, W.S.D. Wilcock, and G.M. Purdy, The shallow attenuation structure of the fast-spreading East Pacific Rise near 9°30'N, *Geophys. Res. Lett.*, 21, 321-324, 1994.
- Christeson, G.L.**, G.M. Purdy, and K.M.M. Rohr, Structure of the Northern Symmetrical Segment of the Juan de Fuca Ridge, *Mar. Geophys. Res.*, 15, 219-240, 1993.
- Christeson, G.L.**, and M.K. McNutt, Geophysical constraints on the shear stress along the Marquesas Fracture Zone, *J. Geophys. Res.*, 97, 4425-4437, 1992.
- Christeson, G.L.**, G.M. Purdy, and G.J. Fryer, Structure of young upper crust at the East Pacific Rise near 9°30'N, *Geophys. Res. Lett.*, 19, 1045-1048, 1992.
- Purdy, G.M., L.S.L. Kong, **G.L. Christeson**, and S.C. Solomon, Relationship between spreading rate and the seismic structure of mid-ocean ridges, *Nature*, 355, 815-817, 1992.

## Non-Journal Publications

- Christeson, G.L.**, OBSTOOL: Software for processing UTIG OBS data, *Technical Report No. 134*, University of Texas Institute for Geophysics, Austin, TX, 1995.
- Christeson, G.L.**, Seismic constraints on shallow crustal processes at the East Pacific Rise, Ph.D. Thesis, MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering, WHOI-94-02, 1994.

## Meeting Abstracts

- Morgan, J., P. Barton, **G. Christeson**, S. Gulick, and G. Collins, Asymmetry of the Chicxulub crater – is it produced by asymmetry in the target? (abstract), Bridging the Gap II: Effect of Target Properties on the Impact Cratering Process, Abstract 8028, 2007.
- Barton, P., J. Morgan, S. Gulick, V. Price, M. Blackburn, **G. Christeson**, and J. Urrutia, Characterising the melt sheet in the Chicxulub impact crater using seismic data prior to new drilling (abstract), *Eos. Trans. AGU*, 88(23), Jt. Assem. Suppl., Abstract U34A-04, 2007.
- Gulick, S.P., M.A. McDonald, K. Mendoza, Z. Pearson, P. Barton, **G. Christeson**, J. Morgan, A. Surendra, P. Vermeesch, and J. Urrutia, Asymmetric structure of the Chicxulub impact crater: Possible causes of heterogeneity and targets for drilling (abstract), *Eos. Trans. AGU*, 88(23), Jt. Assem. Suppl., Abstract U34A-03, 2007.
- McDonald, M., S. Gulick, H. Melosh, and **G. Christeson**, The Chicxulub impact crater and oblique impact (abstract), *Eos. Trans. AGU*, 88(23), Jt. Assem. Suppl., Abstract U34A-07, 2007.
- Surendra, A.T., P.J. Barton, J. Morgan, S.P. Gulick, and **G.L. Christeson**, 3-D variation in peak ring structure of the Chicxulub impact crater (abstract), *Eos. Trans. AGU*, 88(23), Jt. Assem. Suppl., Abstract U34A-05, 2007.
- Levander, A., M. Schmitz, P. Mann, **G. Christeson**, J. Wright, H. Ave Lallemand, C. Zelt, J. Pindell, G. Pavlis, and F. Niu, BOLIVAR: Investigating island arc accretion along the Southeastern Caribbean plate boundary (abstract), Geological Society of America Annual Meeting, Abstract 81-7, 2006.
- Christeson, G.**, S. Gulick, J. Morgan, M. Warner, and P. Barton, Moho upwarping beneath the Chicxulub impact crater (abstract), Geological Society of America Annual Meeting, Abstract 44-9, 2006.
- Gulick, S., P. Barton, **G. Christeson**, M. McDonald, K. Mendoza, J. Morgan, J. Urrutia, and M. Warner, Sub-surface asymmetries of the Chicxulub impact crater (abstract), Geological Society of America Annual Meeting, Abstract 44-7, 2006.
- Morgan, J.V., J. Urrutia, S. Gulick, **G. Christeson**, R. Grieve, M. Warner, P. Barton, M. Rebolledo, and J. Melosh, Future drilling of the Chicxulub impact crater (abstract), Geological Society of America Annual Meeting, Abstract 44-6, 2006.
- Magnani, M.B., C. Zelt, M. Guedez, S. Clark, A. Arogunmati, F. Niu, A. Levander, and **G. Christeson**, Island arc accretion by oblique collision: The results of the BOLIVAR project along the SE Caribbean plate boundary (abstract), 12<sup>th</sup> International Symposium on Deep Seismic Profiling of the Continents and Their Margins, Abstract ACM-P17, 2006.
- Barton, P.J., S.P.S. Gulick, J.V. Morgan, J. Urrutia-Fucugauchi, M.R. Warner, **G. Christeson**, and M. Rebolledo-Vieyra, New geophysical data from the Chicxulub impact crater (abstract), First International Conference on Impact Cratering in the Solar System, Abstract 295688, 2006.
- Christeson, G.L.**, S.P.S. Gulick, J.V. Morgan, M. Warner, and P. Barton, Moho structure beneath the Chicxulub impact crater (abstract), First International Conference on Impact Cratering in the Solar System, Abstract 296296, 2006.
- Gulick, S.P.S., **G.L. Christeson**, J. Morgan, M. Warner, and P. Barton, Structure of the multi-ring Chicxulub impact crater: what fault patterns tell us about pre-existing structures, impact obliquity, and crater collapse (abstract), First International Conference on Impact Cratering in the Solar System, Abstract 296339, 2006.

- McDonald, M., S. Gulick, **G. Christeson**, K. Mendoza, D. Gorney, and P.J. Barton, The terrace zone structure of the Chicxulub impact crater Yucatan, Mexico (abstract), First International Conference on Impact Cratering in the Solar System, Abstract 296029, 2006.
- Mendoza-Cervantes, K., S.S. Gulick, J. Urrutia-Fucugauchi, M. McDonald, **G. Christeson**, P.J. Barton, 3D image of the Chicxulub crater peak ring based on 2-D seismic reflection profiles from R/V Maurice Ewing 2005 survey (abstract), First International Conference on Impact Cratering in the Solar System, Abstract 296048, 2006.
- Morgan, J., M. Warner, J. Urrutia-Fucugauchi, S. Gulick, **G. Christeson**, P. Barton, M. Rebolledo-Vieyra, and R. Grieve, Structure of Chicxulub: Results from past drilling and targets for future drilling (abstract), First International Conference on Impact Cratering in the Solar System, Abstract 291056, 2006.
- Surendra, A.T., P.J. Barton, J.V. Morgan, S.P.S. Gulick, and **G. Christeson**, 3-D tomographic imaging of the Chicxulub impact crater (abstract), First International Conference on Impact Cratering in the Solar System, Abstract 296116, 2006.
- Mendoza-Cervantes, K., S.S. Gulick, J. Urrutia-Fucugauchi, M. McDonald, P. Barton, **G. Christeson**, J. Morgan, M. Warner, and J. Melosh, Preliminary Chicxulub crater peak ring interpretation on 2-D seismic reflection profiles from R/V Maurice Ewing 2005 survey (abstract), *Eos Trans. AGU*, 86(52), Fall Meet. Suppl., Abstract P51A-0907, 2005.
- Guedez, M.C., C.A. Zelt, M.B. Magnani, A. Levander, **G.L. Christeson**, and D.S. Sawyer, BOLIVAR: Crustal structure across the Caribbean-South American plate boundary at 70W: Results from refraction and reflection data (abstract), *Eos Trans. AGU*, 86(52), Fall Meet. Suppl., Abstract T11B-0386, 2005.
- Christeson, G.L.** and K.D. McIntosh, Correlation of seismic layer 2A and observed extrusive/dike boundary of fast-spreading and intermediate spreading crust exposed near Hess Deep and the Blanco transform (abstract), *Eos Trans. AGU*, 86(52), Fall Meet. Suppl., Abstract T23F-02, 2005.
- Christeson, G.L.**, T. Aitken, P. Mann, and A. Escalona, BOLIVAR Project: A new model for Grenada and Tobago basin evolution (abstract), *Eos Trans. AGU*, 86(52), Fall Meet. Suppl., Abstract T11B-0392, 2005.
- Morgan, J., J. Urrutia, S. Gulick, R. Grieve, M. Rebolledo, J. Melosh, M. Warner, **G. Christeson**, P. Barton, IODP drilling at Chicxulub (abstract), *Eos Trans. AGU*, 86(18), Jt. Assem. Suppl., Abstract P11A-02, 2005.
- Gulick, S.S., P.J. Barton, **G. Christeson**, J.V. Morgan, M.R. Warner, J. Urrutia-Fucugauchi, H.J. Melosh, M. Rebolledo-Vieyra, M. McDonald, P.M. Vermeesch, A.T. Surendra, T. Goldin, K. Mendoza, T.J. Sears, Seismically Imaged Architecture of the Chicxulub Impact Crater: Preliminary Results From the Last Cruise of the R/V Maurice Ewing (abstract), *Eos Trans. AGU*, 86(18), Jt. Assem. Suppl., Abstract P11A-05, 2005.
- McDonald, M.A., S.P. Gulick, D.L. Gorney, **G.L. Christeson**, P.J. Barton, J.V. Morgan, M.R. Warner, J. Urrutia-Fucugauchi, H.J. Melosh, P.M. Vermeesch, A.T. Surendra, T. Goldin, K. Mendoza, Terrace Zone Structure in the Chicxulub Impact Crater Based on 2-D Seismic Reflection Profiles: Preliminary Results From EW#0501 (abstract), *Eos Trans. AGU*, 86(18), Jt. Assem. Suppl., Abstract P21A-03, 2005.
- Surendra, A.T., P.J. Barton, P.M. Vermeesch, J.V. Morgan, M.R. Warner, S.P. Gulick, **G.L. Christeson**, J. Urrutia-Fucugauchi, M. Rebolledo-Vieyra, H.J. Melosh, M.A. McDonald, T. Goldin, K. Mendoza, IODP drilling at Chicxulub (abstract), *Eos Trans. AGU*, 86(18), Jt. Assem. Suppl., Abstract P21A-04, 2005.
- Aitken, T.J., P. Mann, and **G. Christeson**, BOLIVAR and GULFREX MCS Data Constrain Closure of the Grenada Backarc Basin During Oblique Collision Between the Lesser Antilles Arc System and Northern South America (abstract), *EOS*, 85(47), Fall Meet. Suppl., Abstract T33B-1380, 2004.
- Christeson, G.L.**, P. Mann, and T. Aitken, Crustal Structure of the Southern Lesser Antilles Arc: Integration of BOLIVAR Wide-angle and MCS Data (abstract), *EOS*, 85(47), Fall Meet. Suppl., Abstract T33B-1379, 2004.

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#### Student Involvement:

- Co-instructor, Tectonics I, Spring 2006, Spring 2007.
- Margaret Kroehler, Masters Degree Candidate, UT (co-advisor).
- Matthew McDonald, Masters Degree, UT, Fall 2006 (Committee Member).
- Trevor Aitken, Masters Degree, UT, Spring 2005 (Committee Member).
- David Gorney, Masters Degree, UT, Spring 2005 (Committee Member).
- Thesis examiner for Alexander Kritsky, University of Sydney, October 2000