

CURRICULUM VITÆ

JOHN A. GOFF

Senior Research Scientist, University of Texas Institute for Geophysics
4412 Spicewood Springs Rd., Bldg. 600, Austin, TX 78759-8397
(512) 471-0476; FAX: (512) 471-0999, Email: goff@utig.ig.utexas.edu
Web: <http://www.ig.utexas.edu/staff/goff/goff.htm>

- Education Brown University: Sc.B. Geology-Physics-Math, 1985
 MIT/WHOI Joint Program in Oceanography: Ph.D. Marine Geophysics, 1990
- Positions Post-doctoral Investigator, MIT (6/90-12/91);
 Guest/Visiting Investigator, Woods Hole Oceanographic Institution (9/90-12/92)
 Research Associate, University of Texas Institute for Geophysics (1/93-8/99)
 Research Scientist, UTIG (9/99-8/04)
 Senior Research Scientist, UTIG (9/04-present)
- Sea-Going 1988 *R/V Thomas Washington*, Roundabout Leg 10, Sea Beam mapping
Field 1991 *R/V Cory Chouest*, ARSRP Acoustic Reconnaissance Cruise
Experience 1991 *R/V Maurice Ewing*, EW9105, Hydrosweep mapping (shore participation)
 1992 *R/V Maurice Ewing*, ARSRP Geophys. Recon. Hydrosweep mapping
 1993 *R/V Knorr*, ARSRP Small-Scale Recon, AMS-120 and Jason ROV surveys
 1994 *R/V Knorr*, DeepTAG 94, AMS-120 and ARGOII survey
 1995 *R/V Melville*, SEIR Sea Beam 2000 multibeam survey
 1995 *R/V Pacific Hunter*, Co-Chief Scientist, N. Calif. swath mapping
 1996 *CHS Creed*; Co-Chief Scientist, New Jersey swath mapping
 1996 *R/V Wecoma*; STRATAFORM high-res seismic reflection, N. California
 1997 *R/V Point Lobos* MBARI ROV exploration of Eel margin
 1998 *R/V Onrust*, Chief Scientist, sediment grab sampling on the NJ Margin
 1999 *R/V Onrust*, Chief Scientist, chirp seismic reflection on the NJ Margin
 2000 *R/V Cape Hatteras*, Co-Chief Scientist, chirp seismic on VA outer shelf
 2001 *R/V Alliance*, Geoclutter acoustic reconnaissance
 2001 *R/V Cape Henlopen*, Chief Scientist, Geoclutter sampling on NJ shelf
 2001 *R/V Endeavor*, Co-Chief Scientist, Geoclutter chirp seismic on NJ shelf
 2002 *R/V Cape Henlopen*, Chief Scientist, site survey for the Martha's Vineyard
 coastal observatory (vibracoring, sampling, geotechnical and chirp
seismic).
 2002 *R/V Knorr*, AHC-800 drilling on the NJ shelf
 2004 *R/V Henlopen*, Chief Scientist, swath mapping on the NJ shelf
 2006 *R/V Sharp*, Co-chief Scientist, chirp survey on NJ shelf
 2007 *R/V Knorr*, Chief Scientist, vibracoring on the NJ shelf
- Service Associate Editor, *Journal of Geophysical Research* (1/95-12/97)
 Director, Dec. 1995 AGU Outstanding Student Presentation Award
 Committee, Tectonophysics section
 Chair, AGU Tectonophysics Section Nominations Committee (9/98-6/02)
 Earth Processes/Tectonophysics & Seismology Editor, *Eos* (1/99-1/03)
 Eos Editorial Steering Committee (4/00-1/03)
 IEEE-JOE guest editor (1/05 – 6/06)
- Students A. Macario (LDEO), S. Dreher (IFREMER), J. Riter (UT), C. S. Duncan (UTIG),
Advised L. LaFlame (Rice), S. Nordfjord (UTIG), V. Merwadi, (UT Civil Engineering),
 Andrew Green (University of KwaZulu-Natal), M. Santra (UTDOGS), Stanley
 Stackhouse (UTDOGS)

Professional Societies: American Geophysical Union, International Association of Sedimentologist

Research Marine geophysics; seabed mapping and characterization; quantitative Geomorphology (bathymetry, stratigraphy, sea ice, crustal heterogeneity)

Refereed Publications:

- Goff, J. A., E. A. Bergman, and S. C. Solomon, Earthquake source mechanisms and transform fault tectonics in the Gulf of California, *J. Geophys. Res.*, 92, 10,485-10,510, 1987.
- Goff, J. A., and T. H. Jordan, Stochastic Modeling of Seafloor Morphology: Inversion of Sea Beam data for second-order statistics, *J. Geophys. Res.*, 93, 13,589-13,608, 1988.
- Goff, J. A., and T. H. Jordan, Stochastic Modeling of Seafloor Morphology: a parameterized, Gaussian model, *Geophys. Res. Lett.*, 16, 45-48, 1989a.
- Goff, J. A., and T. H. Jordan, Stochastic Modeling of Seafloor Morphology: resolution of topographic parameters by Sea Beam data, *IEEE J. Ocean Eng.*, 14, 326-337, 1989b.
- Goff, J. A., and T. H. Jordan, Pacific and Atlantic models of small-scale seafloor topography, *Office of Naval Research S. R. P. on Acoustic Reverberation*, Technical Report No. 1, 1990.
- Goff, J. A., Stochastic Modeling of Seafloor Morphology (Ph.D. Thesis), Massachusetts Institute of Technology/Woods Hole Oceanographic Institution, Cambridge, 266 pp., 1990a.
- Goff, J. A., Comment on "Fractal mapping of digitized images: application to the topography of Arizona and comparison with synthetic images" by J. Huang and D. L. Turcotte, *J. Geophys. Res.*, 95, 5159, 1990b.
- Goff, J. A., T. H. Jordan, M. H. Edwards, and D. J. Fornari, Comparison of a stochastic seafloor model with SeaMARC II bathymetry and Sea Beam data near the East Pacific Rise 13° - 15° N, *J. Geophys. Res.*, 96, 3867-3885, 1991.
- Goff, J. A., A global and regional stochastic analysis of near-ridge abyssal hill morphology, *J. Geophys. Res.*, 96, 21,713-21,737, 1991.
- Goff, J. A., and M. C. Kleinrock, Quantitative comparison of bathymetric survey systems, *Geophys. Res. Lett.*, 18, 1253-1256, 1991.
- Goff, J. A., H. F. Webb, and T. H. Jordan, Stochastic interpolation of a wide-beam bathymetric profile within the ONR-ARSRP corridor, *Office of Naval Research S. R. P. on Acoustic Reverberation*, Technical Report No. 2, 1992.
- Goff, J. A., Quantitative characterization of abyssal hill morphology along flow lines in the Atlantic Ocean, *J. Geophys. Res.*, 97, 9183-9202, 1992a.
- Goff, J. A., Monostatic shadowing of homogeneous fractal surfaces, *J. Acoust. Soc. Am.*, 92, 1008-1016, 1992b.
- Goff, J. A., Abyssal hill segmentation: Quantitative analysis of the East Pacific Rise flanks 7°S-9°S, *J. Geophys. Res.*, 98, 13,851-13,862, 1993a.
- Goff, J. A., A utilitarian approach to modeling non-Gaussian characteristics of a topographic field, *J. Geophys. Res.*, 98, 19,635-19,647, 1993b.
- Goff, J. A., D. J. Fornari, J. R. Cochran, C. Keeley, and A. Malinverno, Wilkes transform system and "nannoplate", *Geology*, 21, 623-626, 1993.
- Cochran, J. R., J. A. Goff, A. Malinverno, D. J. Fornari, C. Keeley, and X. Wang, Morphology of a 'superfast' mid-ocean ridge crest and flanks: The East Pacific Rise, 7°-9°S, *Mar. Geophys. Res.*, 15, 65-75, 1993.
- Holliger, K., A.R. Levander, and J.A. Goff, Stochastic modeling of the reflective lower crust: petrophysical and geological evidence from the Ivrea Zone (Northern Italy), *J. Geophys. Res.*, 98, 11,967-11,980, 1993.

- Goff, J. A., K. Holliger, and A. R. Levander, Modal fields: A new method for characterization of random velocity heterogeneity, *Geophys. Res. Lett.*, 21, 493-496, 1994.
- Macario, A., W. F. Haxby, J. A. Goff, W. B. F. Ryan, S. C. Cande, and C. A. Raymond, Flow line variations in abyssal hill morphology for the Pacific-Antarctic Ridge at 65°S, *J. Geophys. Res.*, 99, 17,921-17,934, 1994.
- Levander, A., R.W. England, S.K. Smith, R.W. Hobbs, J.A. Goff, and K. Holliger, Stochastic characterization and seismic response of upper and middle crustal rocks based on the Lewisian gneiss complex, Scotland, *Geophys. J. Int.*, 119, 243-259, 1994
- Goff, J. A., The relationship between local- and global-scale scattering functions for fractal surfaces under a separation of scales hypothesis, *J. Acoust. Soc. Am.*, 97, 1586-1595, 1995a.
- Goff, J. A., Quantitative analysis of sea-ice draft I: Methods for stochastic modeling, *J. Geophys. Res.*, 100, 6993-7004, 1995b.
- Goff, J. A., W. K. Stewart, H. Singh, and X. Tang, Quantitative analysis of sea-ice draft II: Application of stochastic modeling to intersecting topographic profiles, *J. Geophys. Res.*, 100, 7005-7017, 1995a.
- Goff, J. A., B. E. Tucholke, J. Lin, G. E. Jaroslow, and M. C. Kleinrock, Quantitative analysis of abyssal hills in the Atlantic Ocean: A correlation between inferred crustal thickness and extensional faulting, *J. Geophys. Res.*, 100, 22,509-22,522, 1995b.
- Goff, J. A., A. Levander, Incorporating "sinuous connectivity" into stochastic models of crustal heterogeneity: Examples from the Lewisian gneiss complex, Scotland, the Franciscan formation, California, and the Hafafit gneiss complex, Egypt, *J. Geophys. Res.*, 101, 8489-8501, 1996.
- Goff, J. A., and J. R. Cochran, The Bauer scarp ridge jump: a complex tectonic sequence revealed in satellite altimetry, *Earth and Plan. Sci. Lett.*, 141, 21-33, 1996.
- Goff, J. A., L. A. Mayer, J. Hughes-Clarke, and L. F. Pratson, Swath mapping on the continental shelf and slope: The Eel River basin, northern California, *Oceanography*, 9, 178-182, 1996.
- Steckler, M. S., D. J. Swift, J. P. Syvitski, J. A. Goff, and A. W. Niedoroda, Modeling the sedimentology and stratigraphy of continental margins, *Oceanography*, 9, 183-188, 1996.
- Kleinrock, M. C., Humphris, Susan E.; Shaw, P.; Bowen, A.; Crook, T.; Davis, C.; Elder, R.; Gleason, D.; Goff, J.; Goldstein, L.; Handley, W.; Howland, J.; Hussenoeder, S.; Koga, K.; Lerner, S.; Nakamura, Ko-ichi; Rashid, M.; Reiser Wetzell, L.; Sellers, W.; Sulanowska, M.; Van Dover, C.; and, Whitcomb, L, Detailed structure and morphology of the TAG active hydrothermal mound and its geotectonic environment, *Proceedings of the Ocean Drilling Program, Part A: Initial Reports*, Vol. 158, pp. 15-21, 1996.
- Larkin, S. P., A. Levander, D. Okaya, and J. A. Goff, A deterministic and stochastic velocity model for the Salton Trough/Basin and Range transition zone and constraints on magmatism during rifting, *J. Geophys. Res.*, 101, 27,883-27,897, 1996.
- Austin, J. A., M. Field, C. Fulthorpe, J. Goff, L. Mayer, G. Mountain, A. Niedoroda, D. Orange, M. Steckler, and D. Swift, Continental terraces hold clues to the generation and preservation of the stratigraphic record, *Eos Trans. AGU*, 78, 1-2, 1997.
- Goff, J. A., and B. E. Tucholke, Multi-scale spectral analysis of bathymetry on the flank of the Mid-Atlantic Ridge: Modification of the seafloor by mass wasting and sedimentation, *J. Geophys. Res.*, 102, 15,447-15,462, 1997.
- Goff, J. A., Y. Ma, A. Shah, J. R. Cochran, and J.-C. Sempéré, Stochastic analysis of seafloor morphology on the flank of the Southeast Indian Ridge: The influence of ridge morphology on the formation of abyssal hills, *J. Geophys. Res.*, 102, 15,521-15,534, 1997.
- Lendl, C., A. M. Trehu, J. A. Goff, A. R. Levander, and B. C. Beaudoin, Synthetic seismograms through synthetic Franciscan: Insights into factors affecting large-aperture seismic data, *Geophys. Res. Lett.*, 24, 3317-3320, 1997.

- Tucholke, B., J. Lin, M. Kleinrock, M. Tivey, T. Reed, J. Goff, and G. Jaroslow, Segmentation and crustal structure of the western Mid-Atlantic Ridge flank, 25°25'-27°10'N and 0-29 m.y., *J. Geophys. Res.*, 102, 10,203-10,223, 1997.
- Goff, J. A., Finding chaos in abyssal hills, *Nature*, 392, 224-226, 1998.
- Goff, J. A., D. L. Orange, L. A. Mayer, and J. E. Hughes-Clarke, Detailed investigation of continental shelf morphology using a high-resolution swath sonar survey: The Eel margin, northern California, *Mar. Geol.*, 154, 255-269, 1999.
- Borgeld, J. C., J. E. Hughes-Clarke, J. A. Goff, L. Mayer, and J. A. Curtis, Acoustic backscatter of the 1995 flood deposit on the Eel River shelf, *Mar. Geol.*, 154, 197-210, 1999.
- Goff, J. A., and J. W. Jennings, Jr., Improvement of Fourier-based unconditional and conditional simulations for band limited fractal (von Kármán) statistical models, *Math. Geol.*, 31, 627-649, 1999.
- Goff, J. A., and K. Holliger, Nature and origin of upper crustal seismic velocity fluctuations and associated scaling properties: combined stochastic analysis of KTB velocity and lithology logs, *J. Geophys. Res.*, 104, 13,169-13,182, 1999
- Goff, J. A., D. J. P. Swift, C. S. Duncan, L. A. Mayer, and J. Hughes-Clarke, High resolution swath sonar investigation of sand ridge, dune and ribbon morphology in the offshore environment of the New Jersey Margin, *Mar. Geol.*, 161, 309-339, 1999.
- Goff, J. A., Simulation of stratigraphic architecture from statistical and geometrical characterizations, *Math. Geol.*, 32, 765-786, 2000.
- Driscoll, N., J. Weissel and J. A. Goff, En echelon cracks along the outer continental shelf: Implications for submarine landslides and tsunamis, *Geology*, 28, 407-410, 2000.
- Goff, J. A., H. C. Olson and C. S. Duncan, Correlation of sidescan backscatter intensity with grain-size distribution of shelf sediments, New Jersey margin, *Geo-Marine Letters*, 20, 43-49, 2000.
- Duncan, C. S., J. A. Goff, J. A. Austin, and C. S. Fulthorpe, Tracking the last sea level cycle: seafloor morphology and shallow stratigraphy of the latest Quaternary New Jersey middle continental shelf, *Mar. Geol.*, 170, 395-421, 2000.
- Goff, J. A., How sick is the Spring AGU meeting? *Eos Trans. AGU*, 81, 563, 2000.
- Duncan, C. S., and J. A. Goff, Relict iceberg keel marks on the New Jersey outer shelf, southern Hudson Apron, *Geology*, 29, 411-414, 2001.
- Goff, J. A., Quantitative classification of canyon systems on continental slopes and a possible relationship to slope curvature, *Geophys. Res. Lett.*, 28, 4359-4362, 2001.
- Goff, J. A., Wheatcroft, R. A., Lee, H., Drake, D. E., Swift, D. J. P., and Fan, S., Spatial Variability of Shelf Sediments in the STRATAFORM Natural Laboratory, Northern California, *Cont. Shelf Res.*, 22, 1199-1223, 2002.
- Kraft, B. J., L. A. Mayer, P. Simpkin, P. Lavoie, E. Jabs, E. Lynskey, and J. A. Goff, Calculation of in situ acoustic wave properties in marine sediments, in *Impact of Littoral Environmental Variability on Acoustic Prediction and Sonar Performance*, N. G. Pace and F. B. Jensen, eds., Kluwer Academic, Netherlands, pp. 123-130, 2002.
- Goff, J. A., and K. Holliger, eds., *Heterogeneity in the Crust and Upper Mantle: Nature, Scaling and Seismic Properties*, Kluwer Academic/Plenum, New York, 349 pp., 2003.
- Holliger, K., J. A. Goff, A generic model for the 1/f nature of seismic velocity fluctuations, in: *Heterogeneity in the Crust and Upper Mantle: Nature, Scaling and Seismic Properties*, J. A. Goff and K. Holliger, eds., Kluwer Academic/Plenum, New York, pp. 131-154, 2003.
- Goff, J. A., and W. H. F. Smith, The correspondence of altimetric gravity texture to abyssal hill morphology, *Geophys. Res. Lett.*, 30, 2269, doi:10.1029/2003GL018913, 2003
- Goff, J. A., W. H. F. Smith and K. M. Marks, The contributions of abyssal hill morphology and noise to altimetric gravity fabric, *Oceanography*, 17, 24-37, 2004.

- Goff, J. A., and S. Nordfjord, Interpolation of fluvial morphology using channel-oriented coordinate transformation: A case study from the New Jersey Shelf, *Math. Geol.*, 36, 643-658, 2004.
- Goff, J. A., B. J. Kraft, L. A. Mayer, S. G. Schock, C. K. Sommerfield, H. C. Olson, S. P. S. Gulick, and S. Nordfjord, Seabed characterization on the New Jersey middle and outer shelf: Correlability and spatial variability of seafloor sediment properties, *Mar. Geol.*, 209, 147-172, 2004.
- Goff, J. A., L. A. Mayer, P. Traykovski, I. Buynevich, R. Wilkens, R. Raymond, G. Glang, R. L. Evans, H. Olson, C. Jenkins, Detailed investigation of sorted bedforms, or “rippled scour depressions,” within the Martha’s Vineyard Coastal Observatory, Massachusetts, *Cont. Shelf Res.*, 209, 147-172, 2004.
- Hill, J. C., Driscoll, N. W., Weissel, J. K., and Goff, J. A. Large-scale elongated gas blowouts along the U.S. Atlantic margin. *J. Geophys. Res.*, 109, doi:10.1029/2004JB002969, 2004.
- Nordfjord, S., J. A. Goff, J. A. Austin, Jr., and C. K. Sommerfield, Seismic geomorphology of buried channel systems on the New Jersey outer shelf: Assessing past environmental conditions, *Mar. Geol.*, 214, 339-364, 2005.
- Goff, J. A., J. A. Austin, Jr., S. Gulick, S. Nordfjord, B. Christensen, C. Sommerfield, and H. Olson, C. Alexander, Recent and modern marine erosion on the New Jersey outer shelf, *Mar. Geol.*, 216, 275-296, 2005.
- Gulick, S. P. S., J. A. Goff, J. A. Austin, Jr., C. R. Alexander, Jr., S. Nordfjord, and Craig S. Fulthorpe, Basal inflection-controlled shelf-edge wedges off New Jersey track sea-level fall, *Geology*, 33, 429-432, 2005.
- Nordfjord, S., J. A. Goff, J. A. Austin, Jr., S. P. S. Gulick, Seismic facies of incised valley-fills, New Jersey continental shelf: Implications for erosion and preservation processes acting during late Pleistocene/Holocene transgression, *J. Sed. Res.*, 76, 1284-1303, 2006.
- Goff, J. A., C. Jenkins, B. Calder, Maximum likelihood resampling of noisy, spatially correlated data, *Geochem. Geophys. Geosys*, doi:10.1029/2006GC001297, 2006.
- Merwade, V. M., D. R. Maidment, and J. A. Goff, Anisotropic considerations while interpolating river channel bathymetry, *J. Hydrol.*, 331, 731-741, 2006.
- Green A.N., J. A. Goff, and R. Uken, Geomorphological evidence for upslope canyon-forming processes on the northern KwaZulu-Natal shelf, SW Indian Ocean, South Africa, *Geo-Marine Lett.*, DOI 10.1007/s00367-007-0082-2, 2007.
- Jenkins, C. J., and J. A. Goff, Competent interpolation for seabed substrates, with uncertainty calculations, *Cont. Shelf Res.*, in press.
- Goff, J. A., C. Jenkins and S. Jeffries Williams, Characterization of seabed sediment variability using the usSEABED data base, in review, *Cont. Shelf Res.*
- Goff, J. A., and C. S. Duncan, Reexamination of sand ridges on the middle and outer New Jersey shelf based on combined analysis of multibeam bathymetry and backscatter, seafloor grab samples and chirp seismic data, submitted to *Sedimentology*.

John A. Goff
UTIG Grants Received

| Agency | Title | Start Date | End Date | Award |
|------------------------|---|------------|-------------|---------|
| ONR | Stochastic Modeling of Abyssal Hill Morphology (balance transferred from WHOI) | 1 Mar 93 | 31 Dec 93 | 46,433 |
| ONR | 2-D Analysis of Ice-Canopy Morphology and Acoustic-Scattering Provinces | 15 Apr 93 | 14 Apr 95 | 39,938 |
| Rice U. (AFOSR subcon) | Quantitative Characterization of Crustal Heterogeneity Implications for Seismic Wave Propagation | 1 Jan 94 | 31 Dec 97 | 82,643 |
| ONR | Stochastic Modeling of Abyssal Hill Morphology: New Seafloor Models Based on Analysis on Fine-Scale Basement Topography and Separate Characterization of Tectonic and Volcanic Morphology | 1 Jan 94 | 31 Dec 95 | 44,165 |
| ONR | Swath Mapping of the New Jersey and Northern California Margins and Statistical Characterization of the Shelf and Slope Bathymetry | 1 Oct 94 | 30 Sep 96 | 145,000 |
| ONR | Stochastic Modeling of Abyssal Hill Morphology: Development of Sea Floor Models for use in Acoustic Reverberation Experiments | 1 Jan 96 | 30 Jun 97 | 20,000 |
| ONR | ONR STRATAFORM proposal for FY97 and FY98: Statistical characterization of bathymetry and stratigraphy on continental margins | 1 Oct 96 | 30 Sep 98 | 154,999 |
| DOD | AASERT: Integration of high-resolution multichannel seismic and swath bathymetry surveys, New Jersey and northern California margins, in support of STRATAFORM (with Fulthorpe) | 1 Jun 97 | 31 May 00 | 143,742 |
| JOI | JOI/USSSP ODP Site Survey Augmentation: Ultra-High Resolution Swath Mapping, CHIRP Sonar, Bottom Photography and Grab Sampling in Support of a Shallow Water (Jack-Up Drilling) Extension of the Mid-Atlantic Sea Level Transect (with Olson) | 1 Jul 98 | 30 Jun 99 | 41,338 |
| ONR | ONR STRATAFORM proposal for FY99 and FY00: Statistical characterization of bathymetry and stratigraphy on continental margins | 1 Oct 98 | 30 Sep 00 | 140,000 |
| NSF | Collaborative Research: Geophysical investigation of en echelon cracks along the outer shelf off Virginia/North Carolina - Implications for slope stability | 1 May 99 | 30 April 01 | 60,287 |
| ONR | Geological and geophysical support for the "Geoclutter" acoustic reconnaissance field program (with Austin) | 1 Sep 99 | 31 Aug 00 | 49,040 |
| ONR | Realistic interpolation of buried channel systems within the New Jersey Geoclutter natural laboratory | 1 June 00 | 30 June 01 | 75,000 |
| ONR | Geophysical and Geological Reconnaissance for the ONR Geoclutter Program (with Austin) | 15 June 00 | 31 Dec 03 | 693,218 |
| ONR | Building a Statistical Framework for Mine Burial Predictions | 1 Jan 01 | 31 Dec 01 | 39,909 |
| ONR | Seabed Variability and its Influence on Acoustic Prediction Uncertainty | 1 July 01 | 31 Aug 04 | 190,766 |
| ONR | Site Survey of the Mine Burial/Coastal Processes Experiment Site at the WHOI Coastal Observatory, Martha's Vineyard | 1 Jan 02 | 31 Dec 04 | 188,729 |
| ONR | ONR Geoclutter Program: Final Analysis of Geophysical and Geological Data (with Austin) | 1 Oct 03 | 31 Dec 04 | 205,000 |
| DURIP | Completion of a Heave Compensation System for a Small Off- | 1 May 04 | 30 April 05 | 232,080 |

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|---------------------|---|------------|-------------|------------------|
| | Shore Drilling Rig (with Austin) | | | |
| ONR | Spatial variability and robust interpolation of seafloor sediment properties using the SEABED data bases | 1 Oct 04 | 30 April 07 | 59,899 |
| ONR | Stratigraphic and Geoacoustic Characterization of the Outer New Jersey Shelf | 1 May 05 | 30 Oct 07 | 99,756 |
| JSG, ONR & Industry | AHC-800 (Active Heave Compensation to 800 m) Drilling on the New Jersey Shelf: Investigating the Stratigraphic Response to ~50,000 Years of Eustasy (with Austin and Steel) | 1 Oct 06 | 30 Sept 08 | 625,000 |
| ONR | Effects of small-scale bathymetric roughness on the global internal wave field (with Arbic) | 1 April 07 | 30 Sept 09 | 244,017 |
| | Total | | | 3,620,959 |