

Stanford



Stephan Graham

Welton Joseph and Maud L'Anphere Crook Professor of Applied Earth Sciences & by courtesy, of Geophysics & of Energy Science Engineering

Geological Sciences

 Curriculum Vitae available Online

CONTACT INFORMATION

- **Executive Assistant**

Debbie Spaizman

Email debbies1@stanford.edu

Tel (650) 725-1802

Bio

ACADEMIC APPOINTMENTS

- Professor, Geological Sciences
- Professor (By courtesy), Geophysics
- Professor (By courtesy), Energy Science and Engineering

ADMINISTRATIVE APPOINTMENTS

- Research Geologist, Exxon Production Research Company, (1976-1977)
- Exploration Geologist, Chevron USA, Inc., (1977-1979)
- Development Geologist, Chevron USA, Inc., (1979-1980)
- Associate Professor, Applied Earth Sciences and Geology, Stanford University, (1980-1988)
- Professor of Geophysics by courtesy, Stanford University, (1989- present)
- Professor of Applied Earth Sciences and Geology, Stanford University, (1989-1993)
- Professor of Geological & Environmental Sciences, Stanford University, (1993- present)
- Professor of Petroleum Engineering by courtesy, Stanford University, (1993- present)

HONORS AND AWARDS

- Fellow, Geological Society of America (1982)
- Outstanding Teacher Award, School of Earth Sciences, Stanford University (1987)
- Sproule Award, American Association of Petroleum Geologists (AAPG) (1987)
- Honorary Member, Pacific Section, SEPM (Society for Sedimentary Geol.) (1991)
- Outstanding Educator Award, American Association of Petroleum Geologists, Pacific Section (1995)
- A.I. Levorsen Award, American Association of Petroleum Geologists, Pacific Section (2005)
- Welton Joseph and Maud L'Anphere Crook Professor, Stanford University (2005-present)
- Grover E. Murray Memorial Distinguished Educator Award, American Association of Petroleum Geologists (2007)

- Charles Taylor Fellow, American Association of Petroleum Geologists (2013)
- Richard Owen Award, Indiana University (2014)
- Robert Mitchum Award, European Association of Geoscientists and Engineers (2016)
- Pettijohn Medal, Society for Sedimentary Geology (2017)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Pacific Section SEPM Vice President, Society for Sedimentary Research (2012 - 2012)
- Program Committee, Chapman Conference, American Geophysical Union (2011 - 2011)
- Centennial Field Trip Committee, American Association of Petroleum Geologists (2010 - present)
- Associate Dean for Academic Affairs, School of Earth Sciences, Stanford University (2010 - present)
- Co-convenor, Songliao Scientific Drilling Workshop (2010 - 2010)
- Co-P.I. ICDP Cretaceous Climate Corehole Project, International Continental Scientific Drilling Program (2009 - present)
- Associate Dean for Academic Affairs and Diversity, School of Earth Sciences, Stanford University (2009 - 2010)
- Guest editor, Special Issue on Chinese Nonmarine Basins, Basin Research (2009 - 2010)
- Department Chair, Geological and Environmental Sciences, Stanford University (2007 - 2009)
- Co-Director, Basin and Petroleum Systems Modeling Industrial Affiliates Program, Stanford University (2007 - present)
- Co-chair, Nonmarine Systems Symposium, Beijing (2007 - 2007)
- Faculty Search Committee, Geochronology Faculty Search, GES Dept., Stanford University (2007 - 2009)
- Faculty Search Committee, Energy Resources Engineering Department, Stanford University (2007 - 2007)
- Interim Co-Director, Stanford University Microanalytical Center, Stanford University (2006 - 2009)
- Session convener, Arizona Geological Society Symposium (2006 - present)
- Field Seminar Co-leader, American Association of Petroleum Geologists (2006 - present)
- Co-Chair, Paleobiology Faculty Search Committee, Stanford University (2005 - 2005)
- Search Committee for Vice Provost and Dean of Research and for Dean of Graduate Studies, Stanford University (2005 - 2006)
- Session convener, Pacific Section, Annual Meeting, American Association of Petroleum Geologists (2005 - 2005)
- Overseas Studies Program Director, Search Committee, Stanford University (2004 - 2005)
- President's Commission on Graduate Education, Stanford University (2004 - 2005)
- Session convener, Fall Meeting, American Geophysical Union (2004 - 2004)
- Admissions Committee, GES Department 2000 Acting Dean, School of Earth Sciences, Stanford University (2001 - 2003)
- Member, Board of Directors, Circum-Pacific Council (2001 - present)
- Co-Convener, Hedberg Field Research Conference, American Association of Petroleum Geologists (2000 - 2000)
- Field Trip Chairman, Centennial Meeting of the Cordilleran Section, Geological Society of America (2000 - 2000)
- Associate Chair, Geological and Environmental Sciences Department, Stanford University (1999 - 2000)
- Associate Dean for Academic Affairs, School of Earth Sciences, Stanford University (1999 - 2007)
- University Committee on Committees, Stanford University (1999 - 2000)
- University Committee on Graduate Studies, Stanford University (1999 - 2000)
- Vice Provost's Undergraduate Advisory Council, Stanford University (1999 - present)
- Acting Chair, Geological and Environmental Sciences, Stanford University (1998 - 1999)
- Faculty Senate, Stanford University (1996 - 2004)
- Earth Sciences Council, Stanford University (1996 - present)

- Chairman, Ocean Margins Initiative Search Committee, Stanford University (1995 - 1995)
- Co-Director, Stanford Program on Deep-Sea Depositional Systems, Stanford University (1991 - present)
- Director, Stanford-China Geosciences Industrial Affiliates Program, Stanford University (1987 - 2003)
- Director, Stanford Petroleum Geology Industrial Affiliates Program, Stanford University (1981 - present)

PROGRAM AFFILIATIONS

- Center for East Asian Studies

PROFESSIONAL EDUCATION

- Ph.D., Geology , Stanford University (1976)
- M.S., Stanford University , Geology (1974)
- B.A., Indiana University , Geology (1972)

LINKS

- Basin and Petroleum System Modeling Group: <http://bpsm.stanford.edu/>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Research

My research centers on the origins, evolution, and energy resources of sedimentary basins, employing multiple methodologies on outcrop and subsurface data sets. A principal research focus is the characterization of deep-marine siliciclastic coarse-grained sediment accumulations (submarine fans). A second, long-running research effort lies in the tectonic evolution of eastern Asia (China and Mongolia), as reflected in the fill of sedimentary basins. A third principal research area is the relationship between mountain building and climate, especially in the western U.S. and Asia, conducted in collaboration with Professor Page Chamberlain.

Teaching

I co-teach undergraduate courses in sedimentary geology and energy resources and policy. My graduate courses include sedimentary basin analysis, petroleum geology, petroleum reservoir characterization and modeling, and interpretation of reflection seismic data.

Professional Activities

Dean, School of Earth, Energy and Environmental Sciences (2017-2022); Chair, Department of Geological and Environmental Sciences (2007); Grover E. Murray Memorial Distinguished Educator Award, American Association of Petroleum Geologists (2007); Circum-Pacific Council Board of Directors (2001-present); associate dean for academic affairs, Stanford School of Earth Sciences (1999-2007); Outstanding Educator Award, Pacific Section, American Association of Petroleum Geologists (1995); associate editor, Journal of Sedimentary Research (1994-97) Councilor of Sedimentology, SEPM (Society for Sedimentary Geology) (1991-93); honorary member, Pacific Section, SEPM (Society for Sedimentary Geology) (1991); Sproule Award, American Association of Petroleum Geologists (1987); associate editor, American Association of Petroleum Geologists Bulletin (1983-89); fellow, Geological Society of America (1982); president Pacific Section, Society of Economic Paleontologists and Mineralogists (1982)

PROJECTS

- Continental Scientific Drilling Project on the Cretaceous Songliao Basin: Continuous high-resolution terrestrial archives and greenhouse climate change - Stanford University, China University of Geosciences, Petrochina, University of Wisconsin, Northwestern University (2008 - 2016)
- Investigation of the Lower Puchkirchen Formation, Molasse Basin, Austria - Stanford University, Rohoel Aufsuchungs Gesellschaft (2015 - 2017)
- Field study of the Austral-Magellanes basin, Patagonia - Stanford University (2000 - 2018)
- Field study of the East Coast basin, New Zealand - Stanford University, GNS New Zealand (2012 - 2016)

- Field study of the Taranaki basin, New Zealand - Stanford University, GNS New Zealand (2012 - 2016)
- Field study of the Marlborough basin, New Zealand - Stanford University, GNS New Zealand (2014 - 2019)
- Basin and petroleum system modeling of the Magdalena basin, Colombia - Stanford University, Ecopetrol (2014 - 2019)
- Depositional model for the deep-water Godavari continental margin, India - Stanford University, Reliance Industries Limited (1959 - 2015)
- Understanding northern Central Asian surface uplift and erosion history and constraints on the tectonic and climatic evolution - Stanford University, UC Berkeley, University of Michigan (2014 - 2019)

Teaching

COURSES

2021-22

- Sedimentary Basins: GEOLSCI 251 (Aut)
- Sediments: The Book of Earth's History: GEOLSCI 106 (Win)

2019-20

- Sedimentary Basins: GEOLSCI 251 (Aut)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Travis Clow, Samantha Ritzer

Doctoral Dissertation Advisor (AC)

Stephen Dobbs

Doctoral Dissertation Co-Advisor (AC)

Anatoly Aseev

Master's Program Advisor

Victor Awosiji, Marianne Coholich, Nick Gross Almonte

Doctoral (Program)

Stephen Dobbs, Simone Salazar

Publications

PUBLICATIONS

- **Depositional Controls on Detrital Zircon Provenance: An Example From Upper Cretaceous Strata, Southern Patagonia** *FRONTIERS IN EARTH SCIENCE*
Dobbs, S. C., Malkowski, M. A., Schwartz, T. M., Sickmann, Z. T., Graham, S. A.
2022; 10
- **NEW IDRIA SERPENTINITE PROTRUSION, DIABLO RANGE, CALIFORNIA: FROM UPPER MANTLE TO THE SURFACE** *AMERICAN JOURNAL OF SCIENCE*
Coleman, R. G., Gooley, J. T., Gregory, R. T., Graham, S. A.
2022; 322 (4): 533-560
- **Predicting Off-Fault Deformation From Experimental Strike-Slip Fault Images Using Convolutional Neural Networks** *GEOPHYSICAL RESEARCH LETTERS*
Chaipornkaew, L., Elston, H., Cooke, M., Mukerji, T., Graham, S. A.
2022; 49 (2)
- **Reconciling along-strike disparity in slip displacement of the San Andreas fault, central California, USA** *GEOLOGICAL SOCIETY OF AMERICA BULLETIN*

- Gooley, J. T., Sharman, G. R., Graham, S. A.
2021; 133 (7-8): 1441-1464
- **Terrestrial climate in mid-latitude East Asia from the latest Cretaceous to the earliest Paleogene: A multiproxy record from the Songliao Basin in northeastern China** *EARTH-SCIENCE REVIEWS*
Gao, Y., Ibarra, D. E., Rugenstein, J., Chen, J., Kukla, T., Methner, K., Gao, Y., Huang, H., Lin, Z., Zhang, L., Xi, D., Wu, H., Carroll, et al
2021; 216
 - **Tectonic Uplift Destabilizes Subsea Gas Hydrate: A Model Example From Hikurangi Margin, New Zealand** *GEOPHYSICAL RESEARCH LETTERS*
Burton, Z. M., Kroeger, K. F., Scheirer, A., Seol, Y., Burgreen-Chan, B., Graham, S. A.
2020; 47 (7)
 - **Identification of genetically distinct petroleum tribes in the Middle Magdalena Valley, Colombia** *AAPG BULLETIN*
Thompson-Butler, W., Peters, K. E., Magoon, L. B., Scheirer, A., Moldowan, J., Orlando Blanco, V., Eugenio Gonzalez, R., Graham, S. A., Zumberge, J. E., Wavrek, D. A.
2019; 103 (12): 3003–34
 - **Using provenance analysis in an Anthropocene natural laboratory** *QUATERNARY SCIENCE REVIEWS*
Sickmann, Z. T., Chheda, T. D., Capaldi, T. N., Thomson, K. D., Paull, C. K., Graham, S. A.
2019; 221
 - **Revised chronostratigraphic framework for the Cretaceous Magallanes-Austral Basin, Ultima Esperanza Province, Chile** *JOURNAL OF SOUTH AMERICAN EARTH SCIENCES*
Daniels, B. G., Hubbard, S. M., Romans, B. W., Malkowski, M. A., Matthews, W. A., Bernhardt, A., Kaempfe, S. A., Jobe, Z. R., Fosdick, J. C., Schwartz, T. M., Fildani, A., Graham, S. A.
2019; 94
 - **Interpreting large detrital geochronology data sets in retroarc foreland basins: An example from the Magallanes-Austral Basin, southernmost Patagonia** *LITHOSPHERE*
Sickmann, Z. T., Schwartz, T. M., Malkowski, M. A., Dobbs, S. C., Graham, S. A.
2019; 11 (5): 620–42
 - **Paleogene topographic and climatic evolution of the Northern Rocky Mountains from integrated sedimentary and isotopic data** *GEOLOGICAL SOCIETY OF AMERICA BULLETIN*
Schwartz, T. M., Methner, K., Mulch, A., Graham, S. A., Chamberlain, C.
2019; 131 (7-8): 1203–23
 - **The role of avulsion and splay development in deep-water channel systems: Sedimentology, architecture, and evolution of the deep-water Pliocene Godavari "A" channel complex, India** *MARINE AND PETROLEUM GEOLOGY*
Lowe, D. R., Graham, S. A., Malkowski, M. A., Das, B.
2019; 105: 81–99
 - **Integrating strike-slip tectonism with three-dimensional basin and petroleum system analysis of the Salinas Basin, California** *AAPG BULLETIN*
Menotti, T., Scheirer, A., Meisling, K., Graham, S. A.
2019; 103 (6): 1443–72
 - **Interpretation of source rock depositional environment and age from seep oil, east coast of New Zealand** *INTERNATIONAL JOURNAL OF EARTH SCIENCES*
Burton, Z. M., Moldowan, J., Magoon, L. B., Sykes, R., Graham, S. A.
2019; 108 (4): 1079–91
 - **Interpretation of source rock depositional environment and age from seep oil, east coast of New Zealand (vol 108, pg 1079, 2019)** *INTERNATIONAL JOURNAL OF EARTH SCIENCES*
Burton, Z. M., Moldowan, J., Magoon, L. B., Sykes, R., Graham, S. A.
2019; 108 (4): 1093
 - **Dilution and propagation of provenance trends in sand and mud: Geochemistry and detrital zircon geochronology of modern sediment from central California (U.S.A.)** *American Journal of Science*
Malkowski, M.
2019

- **The source is in the sink: Deep-water deposition by a submarine volcanic arc, Taranaki Basin, New Zealand** *SEDIMENTOLOGY*
Shumaker, L. E., Sharman, G. R., King, P. R., Graham, S. A.
2018; 65 (7): 2506–30
- **Refining stratigraphy and tectonic history using detrital zircon maximum depositional age: an example from the Cerro Fortaleza Formation, Austral Basin, southern Patagonia** *BASIN RESEARCH*
Sickmann, Z. T., Schwartz, T. M., Graham, S. A.
2018; 30 (4): 708–29
- **The role of calcareous and shaly source rocks in the composition of petroleum expelled from the Triassic Shublik Formation, Alaska North Slope** *ORGANIC GEOCHEMISTRY*
Yurchenko, I. A., Moldowan, J., Peters, K. E., Magoon, L. B., Graham, S. A.
2018; 122: 52–67
- **Integrating statistical rock physics and pressure and thermal history modeling to map reservoir lithofacies in the deepwater Gulf of Mexico** *GEOPHYSICS*
Alkawai, W. H., Mukerji, T., Scheirer, A., Graham, S. A.
2018; 83 (4): IM15–IM28
- **Sediment routing evolution in the North Alpine Foreland Basin, Austria: interplay of transverse and longitudinal sediment dispersal** *BASIN RESEARCH*
Sharman, G. R., Hubbard, S. M., Covault, J. A., Hinsch, R., Linzer, H., Graham, S. A.
2018; 30 (3): 426–47
- **Transversely-sourced mass-transport deposits and stratigraphic evolution of a foreland submarine channel system: Deep-water tertiary strata of the Austrian Molasse Basin** *MARINE AND PETROLEUM GEOLOGY*
Kremer, C. H., McHargue, T., Scheucher, L., Graham, S. A.
2018; 92: 1–19
- **Combining seismic reservoir characterization workflows with basin modeling in the deepwater Gulf of Mexico Mississippi Canyon area**
Alkawai, W. H., Mukerji, T., Scheirer, A., Graham, S. A.
AMER ASSOC PETROLEUM GEOLOGIST.2018: 629–52
- **Source rock heterogeneity and migrated hydrocarbons in the Triassic Shublik Formation and their implication for unconventional resource evaluation in Arctic Alaska** *MARINE AND PETROLEUM GEOLOGY*
Yurchenko, I. A., Moldowan, J., Peters, K. E., Magoon, L. B., Graham, S. A.
2018; 92: 932–52
- **Petroleum system modeling of the East Coast Basin, Hawke Bay, New Zealand**
Burgreen-Chan, B., Graham, S. A.
AMER ASSOC PETROLEUM GEOLOGIST.2018: 587–612
- **Unraveling Petroleum Degradation, Maturity, and Mixing and Addressing Impact on Petroleum Prospectivity: Insights from Frontier Exploration Regions in New Zealand** *ENERGY & FUELS*
Burton, Z. M., Moldowan, J., Sykes, R., Graham, S. A.
2018; 32 (2): 1287–96
- **Evaluating Late Cretaceous OAEs and the influence of marine incursions on organic carbon burial in an expansive East Asian paleo-lake** *Earth and Planetary Science Letters*
Jones, M. M., Ibarra, D. E., Gao, Y., Sageman, B. B., Selby, D., Chamberlain, C., Graham, S. A.
2018; 484: 41-52
- **Down-slope facies variability within deep-water channel systems: Insights from the Upper Cretaceous Cerro Toro Formation, southern Patagonia** *Sedimentology*
Malkowski, M. A., Jobe, Z. R., Sharman, G. R., Graham, S. A.
2018
- **Using detrital zircon U-Pb ages to calculate Late Cretaceous sedimentation rates in the Magallanes-Austral basin, Patagonia** *BASIN RESEARCH*
Schwartz, T. M., Fosdick, J. C., Graham, S. A.
2017; 29 (6): 725–46
- **Evolution of submarine gullies on a prograding slope: Insights from 3D seismic reflection data** *MARINE GEOLOGY*
Shumaker, L. E., Jobe, Z. R., Graham, S. A.

2017; 393: 35–46

- **Depositional history and provenance of Paleogene strata in the Sage Creek basin, southwestern Montana** *GEOSPHERE*
Schwartz, T. M., Graham, S. A.
2017; 13 (4): 1285–1309
- **Submarine mass failure within the deltaic Domengine Formation (Eocene), California (USA)** *GEOSPHERE*
Sharman, G. R., Schwartz, T. M., Shumaker, L. E., Trigg, C. R., Nieminski, N. M., Sickmann, Z. T., Malkowski, M. A., Hourigan, J. K., Schulein, B. J., Graham, S. A.
2017; 13 (3): 950–73
- **Stratigraphic and provenance variations in the early evolution of the Magallanes-Austral foreland basin: Implications for the role of longitudinal versus transverse sediment dispersal during arc-continent collision** *GEOLOGICAL SOCIETY OF AMERICA BULLETIN*
Malkowski, M. A., Schwartz, T. M., Sharman, G. R., Sickmann, Z. T., Graham, S. A.
2017; 129 (3-4): 349-371
- **MODELING STRATIGRAPHIC ARCHITECTURE USING SMALL UNMANNED AERIAL VEHICLES AND PHOTOGRAMMETRY: EXAMPLES FROM THE MIOCENE EAST COAST BASIN, NEW ZEALAND** *JOURNAL OF SEDIMENTARY RESEARCH*
Nieminski, N. M., Graham, S. A.
2017; 87 (2): 126-132
- **Characterisation and diachronous initiation of coarse clastic deposition in the Magallanes-Austral foreland basin, Patagonian Andes** *BASIN RESEARCH*
Malkowski, M. A., Sharman, G. R., Graham, S. A., Fildani, A.
2017; 29 (FEB): 298-326
- **DETRITAL-ZIRCON MIXING AND PARTITIONING IN FLUVIAL TO DEEP MARINE SYSTEMS, CENTRAL CALIFORNIA, USA** *JOURNAL OF SEDIMENTARY RESEARCH*
Sickmann, Z. T., Paull, C. K., Graham, S. A.
2016; 86 (11): 1298-1307
- **Rapid Middle Eocene temperature change in western North America** *EARTH AND PLANETARY SCIENCE LETTERS*
Methner, K., Mulch, A., Fiebig, J., Wacker, U., Gerdes, A., Graham, S. A., Chamberlain, C. P.
2016; 450: 132-139
- **Basin and petroleum system modelling of the East Coast Basin, New Zealand: a test of overpressure scenarios in a convergent margin** *BASIN RESEARCH*
Burgreen-Chan, B., Meisling, K. E., Graham, S.
2016; 28 (4): 536-567
- **Refined depositional history and dating of the Tongaporutuan reference section, north Taranaki, New Zealand: new volcanic ash U-Pb zircon ages, biostratigraphy and sedimentation rates** *NEW ZEALAND JOURNAL OF GEOLOGY AND GEOPHYSICS*
Maier, K. L., Crundwell, M. P., Coble, M. A., King, P. R., Graham, S. A.
2016; 59 (2): 313-329
- **A hot and high Eocene Sierra Nevada** *GEOLOGICAL SOCIETY OF AMERICA BULLETIN*
Mix, H. T., Ibarra, D. E., Mulch, A., Graham, S. A., Chamberlain, C. P.
2016; 128 (3-4): 531-542
- **Unzipping the Patagonian Andes-Long-lived influence of rifting history on foreland basin evolution** *LITHOSPHERE*
Malkowski, M. A., Grove, M., Graham, S. A.
2016; 8 (1): 23-28
- **Four Cordilleran paleorivers that connected Sevier thrust zones in Idaho to depocenters in California, Washington, Wyoming, and, indirectly, Alaska** *GEOLOGY*
Dumitru, T. A., Elder, W. P., Hourigan, J. K., Chapman, A. D., Graham, S. A., Wakabayashi, J.
2016; 44 (1): 75-78
- **Constraining basin thermal history and petroleum generation using paleoclimate data in the Piceance Basin, Colorado** *Basin Research*
Tong, Y., Ibarra, D. E., Caves, J. K., Mukerji, T., Graham, S. A.
2016
- **Mid-latitude terrestrial climate of East Asia linked to global climate in the Late Cretaceous: REPLY** *GEOLOGY*

- Gao, Y., Ibarra, D. E., Caves, J. K., Wang, C., Chamberlain, C. P., Graham, S. A., Wu, H.
2016; 44 (2): e379
- **Role of the westerlies in Central Asia climate over the Cenozoic** *EARTH AND PLANETARY SCIENCE LETTERS*
Caves, J. K., Winnick, M. J., Graham, S. A., Sjostrom, D. J., Mulch, A., Chamberlain, C. P.
2015; 428: 33-43
 - **Detrital thermochronologic record of burial heating and sediment recycling in the Magallanes foreland basin, Patagonian Andes** *BASIN RESEARCH*
Fosdick, J. C., Grove, M., Graham, S. A., Hourigan, J. K., Lovera, O., Romans, B. W.
2015; 27 (4): 546-572
 - **Cyclical processes in the North American Cordilleran orogenic system** *GEOLOGY*
DeCelles, P. G., Graham, S. A.
2015; 43 (6): 499-502
 - **Stratigraphic architecture of a tide-influenced shelf-edge delta, Upper Cretaceous Dorotea Formation, Magallanes-Austral Basin, Patagonia** *SEDIMENTOLOGY*
Schwartz, T. M., Graham, S. A.
2015; 62 (4): 1039-1077
 - **Subsurface evidence for late Mesozoic extension in western Mongolia: tectonic and petroleum systems implications** *BASIN RESEARCH*
Johnson, C. L., Constenius, K. C., Graham, S. A., Mackey, G., Menotti, T., Payton, A., Tully, J.
2015; 27 (3): 272-294
 - **Mid-latitude terrestrial climate of East Asia linked to global climate in the Late Cretaceous** *GEOLOGY*
Gao, Y., Ibarra, D. E., Wang, C., Caves, J. K., Chamberlain, C. P., Graham, S. A., Wu, H.
2015; 43 (4): 287-290
 - **RAPID CHANGE IN HIGH-ELEVATION PRECIPITATION PATTERNS OF WESTERN NORTH AMERICA DURING THE MIDDLE EOCENE CLIMATIC OPTIMUM (MECO)** *AMERICAN JOURNAL OF SCIENCE*
Mulch, A., CHAMBERLAIN, C. P., Cosca, M. A., Teyssier, C., Methner, K., Hren, M. T., Graham, S. A.
2015; 315 (4): 317-336
 - **Spatial patterns of deformation and paleoslope estimation within the marginal and central portions of a basin-floor mass-transport deposit, Taranaki Basin, New Zealand** *GEOSPHERE*
Sharman, G. R., Graham, S. A., Masalimova, L. U., Shumaker, L. E., King, P. R.
2015; 11 (2): 266-306
 - **Detrital zircon provenance of the Late Cretaceous-Eocene California forearc: Influence of Laramide low-angle subduction on sediment dispersal and paleogeography** *GEOLOGICAL SOCIETY OF AMERICA BULLETIN*
Sharman, G. R., Graham, S. A., Grove, M., Kimbrough, D. L., Wright, J. E.
2015; 127 (1-2): 38-60
 - **Influence of attenuated lithosphere and sediment loading on flexure of the deep-water Magallanes retroarc foreland basin, Southern Andes** *TECTONICS*
Fosdick, J. C., Graham, S. A., Hilley, G. E.
2014; 33 (12): 2505-2525
 - **Evolution of a deep-water lobe system in the Neogene trench-slope setting of the East Coast Basin, New Zealand: Lobe stratigraphy and architecture in a weakly confined basin configuration** *MARINE AND PETROLEUM GEOLOGY*
Burgreen, B., Graham, S.
2014; 54: 1-22
 - **Outward-growth of the Tibetan Plateau during the Cenozoic: A review** *TECTONOPHYSICS*
Wang, C., Dai, J., Zhao, X., Li, Y., Graham, S. A., He, D., Ran, B., Meng, J.
2014; 621: 1-43
 - **Geologic and seismic modeling of a coarse-grained deep-water channel reservoir analog (Black's Beach, La Jolla, California)** *AAPG BULLETIN*
Stright, L., Stewart, J., Campion, K., Graham, S.
2014; 98 (4): 695-728
 - **A basin modelling and organic geochemistry study in the Vallecitos syncline, San Joaquin basin, California** *Marine and Petroleum Geology*

- He, M., Graham, S. A., Scheirer, A. S., Peters, K. E.
2014; 49: 15-34
- **A basin modeling and organic geochemistry study in the Vallecitos syncline, San Joaquin Basin, California** *MARINE AND PETROLEUM GEOLOGY*
He, M., Graham, S., Scheirer, A. H., Peters, K. E.
2014; 49: 15-34
 - **Evolution of a deep-water lobe system in the Neogene trench-slope setting of the East Coast basin, New Zealand: Lobe stratigraphy and architecture in a weakly confined basin configuration** *Marine and Petroleum Geology*
Burgreen, B., Graham, S. A.
2014; 54: 1-22
 - **Outward-growth of the Tibetan Plateau during the Cenozoic** *Tectonophysics*
Wang, C., Dai, J., Zhao, X., Li, Y., Graham, S. A., He, H., Ran, B., Meng, J.
2014; 621: 1-43
 - **Geologic and seismic modeling of a coarse-grained deepwater channel reservoir analog (Black's Beach, LaJolla, CA)** *American Association of Petroleum Geologists Bulletin*
Stright, L., Stewart, J., Campion, K., Graham, S.
2014; 98: 695-728
 - **Subsurface evidence for late Mesozoic extension in western Mongolia** *Basin Research*
Johnson, C. J., Constenius, K. C., Graham, S. A., Mackay, G., Menotti, T., Payton, A., Tully, J.
2014
 - **Controls on forearc basin architecture from seismic and sequence stratigraphy of the Upper Cretaceous Great Valley Group, central Sacramento Basin, California** *INTERNATIONAL GEOLOGY REVIEW*
Williams, T. A., Graham, S. A.
2013; 55 (16): 2030-2059
 - **Late Cretaceous climate changes recorded in Eastern Asian lacustrine deposits and North American Epiherc sea strata** *EARTH-SCIENCE REVIEWS*
Wang, C., Scott, R. W., Wan, X., Graham, S. A., Huang, Y., Wang, P., Wu, H., Dean, W. E., Zhang, L.
2013; 126: 275-299
 - **Continental Scientific Drilling Project of Cretaceous Songliao Basin: Scientific objectives and drilling technology** *PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY*
Feng, Z., Wang, C., Graham, S., Koeberl, C., Dong, H., Huang, Y., Gao, Y.
2013; 385: 6-16
 - **Stable isotopic evidence for climate and basin evolution of the Late Cretaceous Songliao basin, China** *PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY*
Chamberlain, C. P., Wan, X., Graham, S. A., Carroll, A. R., Doebbert, A. C., Sageman, B. B., Blisniuk, P., Kent-Corson, M. L., Wang, Z., Wang ChengShan, C. S.
2013; 385: 106-124
 - **A reappraisal of the early slip history of the San Andreas fault, central California, USA** *GEOLOGY*
Sharman, G. R., Graham, S. A., Grove, M., Hourigan, J. K.
2013; 41 (7): 727-730
 - **Deep-sea channel evolution and stratigraphic architecture from inception to abandonment from high-resolution Autonomous Underwater Vehicle surveys offshore central California** *SEDIMENTOLOGY*
Maier, K. L., Fildani, A., Paull, C. K., McHargue, T. R., Graham, S. A., Caress, D. W.
2013; 60 (4): 935-960
 - **An 800 million-year detrital zircon record of continental amalgamation: Tarim basin, NW China** *INTERNATIONAL GEOLOGY REVIEW*
Carroll, A. R., Dumitru, T. A., Graham, S. A., Hendrix, M. S.
2013; 55 (7): 818-829
 - **Eocene extension in Idaho generated massive sediment floods into the Franciscan trench and into the Tye, Great Valley, and Green River basins** *GEOLOGY*
Dumitru, T. A., Ernst, W. G., Wright, J. E., Wooden, J. L., Wells, R. E., Farmer, L. P., Kent, A. J., Graham, S. A.
2013; 41 (2): 187-190

- **A Deep-Time Perspective of Land-Ocean Linkages in the Sedimentary Record** *ANNUAL REVIEW OF MARINE SCIENCE, VOL 5*
Romans, B. W., Graham, S. A.
2013; 5: 69-94
- **Late Cretaceous climate changes recorded in eastern Asian lacustrine deposits and North American epeiric sea strata** *Earth Science Reviews*
Wang, C., Scott, R. W., Wan, X., Graham, S. A., Huang, Y., Wang, P., Wu, H., Dean, W. E., Zhang, L.
2013; 126: 300-320
- **Postavulsion channel evolution: Niger Delta continental slope** *AAPG BULLETIN*
Armitage, D. A., McHargue, T., Fildani, A., Graham, S. A.
2012; 96 (5): 823-843
- **Early Cenozoic topography, morphology, and tectonics of the northern Sierra Nevada and western Basin and Range** *GEOSPHERE*
Cassel, E. J., Graham, S. A., Chamberlain, C. P., Henry, C. D.
2012; 8 (2): 229-249
- **EOCENE DRAINAGE EVOLUTION AND EROSION OF THE SIERRA NEVADA BATHOLITH ACROSS NORTHERN CALIFORNIA AND NEVADA** *AMERICAN JOURNAL OF SCIENCE*
Cassel, E. J., Grove, M., Graham, S. A.
2012; 312 (2): 117-144
- **THE CENOZOIC CLIMATIC AND TOPOGRAPHIC EVOLUTION OF THE WESTERN NORTH AMERICAN CORDILLERA** *AMERICAN JOURNAL OF SCIENCE*
Chamberlain, C. P., Mix, H. T., Mulch, A., Hren, M. T., Kent-Corson, M. L., Davis, S. J., Horton, T. W., Graham, S. A.
2012; 312 (2): 213-262
- **PUNCTUATED DEEP-WATER CHANNEL MIGRATION: HIGH-RESOLUTION SUBSURFACE THE LUCIA CHICA CHANNEL SYSTEM, OFFSHORE CALIFORNIA, USA** *JOURNAL OF SEDIMENTARY RESEARCH*
Maier, K. L., Fildani, A., McHargue, T. R., Paull, C. K., Graham, S. A., Caress, D. W.
2012; 82 (1-2): 1-8
- **Sedimentary basins of the late Mesozoic extensional domain of China and Mongolia** *REGIONAL GEOLOGY AND TECTONICS: PHANEROZOIC RIFT SYSTEMS AND SEDIMENTARY BASINS, VOL 1B*
Graham, S. A., Cope, T., Johnson, C. L., Ritts, B., Roberts, D. G., Bally, A. W.
2012: 443-61
- **Xialiao, North China Basin** *REGIONAL GEOLOGY AND TECTONICS: PHANEROZOIC RIFT SYSTEMS AND SEDIMENTARY BASINS, VOL 1B*
Hsiao, L., Graham, S., Roberts, D. G., Bally, A. W.
2012: 237-57
- **Sedimentary basins of the late Mesozoic extensional domain of China and Mongolia** *Phanerozoic Regional Geology of the World, 1*
Graham, S. A., Cope, T., Johnson, C. L., Ritts, B. D., Bally, A. W.
edited by Roberts, D. G.
Elsevier.2012: 421-436
- **Xialiao basin arm of the North China basin: A Paleogene rift basin modified by strike-slip deformation** *Phanerozoic Regional Geology of the World*
Hsiao, L. Y., Graham, S. A.
edited by Bally, A. W., Roberts, D. G.
Elsevier.2012: 217-234
- **Kinematic evolution of the Patagonian retroarc fold-and-thrust belt and Magallanes foreland basin, Chile and Argentina, 51 degrees 30 ' S** *GEOLOGICAL SOCIETY OF AMERICA BULLETIN*
Fosdick, J. C., Romans, B. W., Fildani, A., Bernhardt, A., Calderon, M., Graham, S. A.
2011; 123 (9-10): 1679-U37
- **Paleovalley morphology and fluvial system evolution of Eocene-Oligocene sediments ("auriferous gravels"), northern Sierra Nevada, California: Implications for climate, tectonics, and topography** *GEOLOGICAL SOCIETY OF AMERICA BULLETIN*
Cassel, E. J., Graham, S. A.
2011; 123 (9-10): 1699-U61

- **Terrestrial source to deep-sea sink sediment budgets at high and low sea levels: Insights from tectonically active Southern California** *GEOLOGY*
Covault, J. A., Romans, B. W., Graham, S. A., Fildani, A., Hilley, G. E.
2011; 39 (7): 619-622
- **The elusive character of discontinuous deep-water channels: New insights from Lucia Chica channel system, offshore California** *GEOLOGY*
Maier, K. L., Fildani, A., Paull, C. K., Graham, S. A., McHargue, T. R., Caress, D. W., McGann, M.
2011; 39 (4): 327-330
- **Evolution of deep-water stratigraphic architecture, Magallanes Basin, Chile** *MARINE AND PETROLEUM GEOLOGY*
Romans, B. W., Fildani, A., Hubbard, S. M., Covault, J. A., Fosdick, J. C., Graham, S. A.
2011; 28 (3): 612-628
- **3-D reflection seismic characterization of submarine slides on a Pliocene siliciclastic continental slope and its implications for tectonics, sediment supply, and climate change, South China Sea** *Submarine slope systems:*
Zhu, M., McHargue, T., Graham, S. A.
edited by Shipp, C., Weimer, P., Posamentier, H.
Society of Sedimentary Geology.2011: 111–126
- **Diachronous isotopic and sedimentary responses to topographic change as indicators of mid-Eocene hydrologic reorganization in the western United States** *BASIN RESEARCH*
Kent-Corson, M. L., Mulch, A., Graham, S. A., Carroll, A. R., Ritts, B. D., Chamberlain, C. P.
2010; 22 (6): 829-845
- **Detrital zircon provenance from three turbidite depocenters of the Middle-Upper Triassic Songpan-Ganzi complex, central China: Record of collisional tectonics, erosional exhumation, and sediment production** *GEOLOGICAL SOCIETY OF AMERICA BULLETIN*
Weislogel, A. L., Graham, S. A., Chang, E. Z., Wooden, J. L., Gehrels, G. E.
2010; 122 (11-12): 2041-2062
- **Subduction complex uplift and exhumation and its influence on Maastrichtian forearc stratigraphy in the Great Valley Basin, northern San Joaquin Valley, California** *GEOLOGICAL SOCIETY OF AMERICA BULLETIN*
Mitchell, C., Graham, S. A., Suek, D. H.
2010; 122 (11-12): 2063-2078
- **Submarine fans at all sea-level stands: Tectono-morphologic and climatic controls on terrigenous sediment delivery to the deep sea** *GEOLOGY*
Covault, J. A., Graham, S. A.
2010; 38 (10): 939-942
- **Importance of predecessor basin history on sedimentary fill of a retroarc foreland basin: provenance analysis of the Cretaceous Magallanes basin, Chile (50-52 degrees S)** *BASIN RESEARCH*
Romans, B. W., Fildani, A., Graham, S. A., Hubbard, S. M., Covault, J. A.
2010; 22 (5): 640-658
- **Rapid Climatic Signal Propagation from Source to Sink in a Southern California Sediment-Routing System** *JOURNAL OF GEOLOGY*
Covault, J. A., Romans, B. W., Fildani, A., McGann, M., Graham, S. A.
2010; 118 (3): 247-259
- **Stratigraphy and sedimentation in a rift basin modified by synchronous strike-slip deformation: southern Xialiao basin, Bohai, offshore China** *International Conference on Non-Marine Basin Systems*
Hsiao, L., Graham, S. A., Tilander, N.
WILEY-BLACKWELL PUBLISHING, INC.2010: 61–78
- **Tectonic and stratigraphic evolution of nonmarine basins of China** *BASIN RESEARCH*
Graham, S. A., Carroll, A. R., Ping, L.
2010; 22 (1): 1–2
- **Walled sedimentary basins of China** *International Conference on Non-Marine Basin Systems*
Carroll, A. R., Graham, S. A., Smith, M. E.
WILEY-BLACKWELL PUBLISHING, INC.2010: 17–32
- **Characteristics of migrating submarine canyons from the middle Miocene to present: Implications for paleoceanographic circulation, northern South China Sea** *MARINE AND PETROLEUM GEOLOGY*

- Zhu, M., Graham, S., Pang, X., McHargue, T.
2010; 27 (1): 307-319
- **Nonmarine sedimentary basins of China** *Basin Research*
Graham (ed.), S. A., Carroll (ed.), A. R., Luo (ed.), P.
2010: 138
 - **Tectonic and stratigraphic evolution of nonmarine basins of China** *Basin Research*
Graham, S.A., Carroll, A.R., Luo, P.
2010; 22: 1-3
 - **The Red River Fault zone in the Yinggehai Basin, South China Sea** *TECTONOPHYSICS*
Zhu, M., Graham, S., McHargue, T.
2009; 476 (3-4): 397-417
 - **Coarse-grained sediment delivery and distribution in the Holocene Santa Monica Basin, California: Implications for evaluating source-to-sink flux at millennial time scales** *GEOLOGICAL SOCIETY OF AMERICA BULLETIN*
Romans, B. W., Normark, W. R., McGann, M. M., Covault, J. A., Graham, S. A.
2009; 121 (9-10): 1394-1408
 - **OUTCROP EXPRESSION OF A CONTINENTAL-MARGIN-SCALE SHELF-EDGE DELTA FROM THE CRETACEOUS MAGALLANES BASIN, CHILE** *JOURNAL OF SEDIMENTARY RESEARCH*
Covault, J. A., Romans, B. W., Graham, S. A.
2009; 79 (7-8): 523-539
 - **Cenozoic tectonic and topographic evolution of the northern Sierra Nevada, California, through stable isotope paleoaltimetry in volcanic glass** *GEOLOGY*
Cassel, E. J., Graham, S. A., Chamberlain, C. P.
2009; 37 (6): 547-550
 - **Stable isotopic constraints on the tectonic, topographic, and climatic evolution of the northern margin of the Tibetan Plateau** *EARTH AND PLANETARY SCIENCE LETTERS*
Kent-Corson, M. L., Ritts, B. D., Zhuang, G., Bovet, P. M., Graham, S. A., Chamberlain, C. P.
2009; 282 (1-4): 158-166
 - **Stratigraphic evolution of an outcropping continental slope system, Tres Pasos Formation at Cerro Divisadero, Chile** *SEDIMENTOLOGY*
Romans, B. W., Hubbard, S. M., Graham, S. A.
2009; 56 (3): 737-764
 - **Turbidite-reservoir architecture in complex foredeep-margin and wedge-top depocenters, Tertiary Molasse foreland basin system, Austria** *MARINE AND PETROLEUM GEOLOGY*
Covault, J. A., Hubbard, S. M., Graham, S. A., Hinsch, R., Linzer, H.
2009; 26 (3): 379-396
 - **Evolution and stratigraphic architecture of marine slope gully complexes: Monterey Formation (Miocene), Gaviota Beach, California** *MARINE AND PETROLEUM GEOLOGY*
Surpless, K. D., Ward, R. B., Graham, S. A.
2009; 26 (2): 269-288
 - **Age, geochemical composition, and distribution of Oligocene ignimbrites in the northern Sierra Nevada, California: implications for landscape morphology, elevation, and drainage divide geography of the Nevadaplano** *INTERNATIONAL GEOLOGY REVIEW*
Cassel, E. J., Calvert, A. T., Graham, S. A.
2009; 51 (7-8): 723-742
 - **Tres Pasos mass transport deposit topography; Sierra Contreras** *Stratigraphic evolution of deep-water architecture; Examples on controls and depositional styles from the Magallanes Basin, Chile*
Armitage, D. A., Romans, B. W., Covault, J. A., Graham, S. A.
edited by Fildani, A., Hubbard, S. M., Romans, B. W.
2009
 - **Transition from deep-water to shelf edge deposition, Tres Pasos and Dorotea formations, Cerro Escondido** *Stratigraphic evolution of deep-water architecture; Examples on controls and depositional styles from the Magallanes Basin, Chile*

- Covault, J. A., Romans, B. W., Graham, S. A., Romans, B. W.
edited by Fildani, A., Hubbard, S. M.
2009
- **The influence of mass transport deposit topography on the evolution of turbidite architecture; The Sierra Contreras, Tres Pasos Formation (Cretaceous), southern Chile** *Journal of Sedimentary Research*
Armitage, D. A., Romans, B. W., Covault, J. A., Graham, S. A.
2009; 79: 287-301
 - **Interactions of controls on coarse-grained sediment delivery and distribution in a deep-marine basin, the Holocene Santa Monica Basin, California; Implications for evaluating source-to-sink flux at millennial time scales** *GSA Bulletin*
Romans, B. W., Normark, W. R., McGann, M. M., Covault, J. A., Graham, S. A.
2009; 12: 1394-1408
 - **Turbidite-reservoir architecture in complex wedge-top depocenters, Tertiary Molasse foreland basin system, Austria** *Marine and Petroleum Geology*
Covault, J. A., Hubbard, S. M., Graham, S. A., Hinsch, R., Linzer, H.-G.
2009; 26: 379-396
 - **Mesozoic Tectonics and Sedimentation of the Giant Polyphase Nonmarine Intraplate Ordos Basin, Western North China Block** *INTERNATIONAL GEOLOGY REVIEW*
Ritts, B. D., Weislogel, A., Graham, S. A., Darby, B. J.
2009; 51 (2): 95-115
 - **Confined channel-levee complex development in an elongate depo-center: Deep-water Tertiary strata of the Austrian Molasse basin** *MARINE AND PETROLEUM GEOLOGY*
Hubbard, S. M., de Ruig, M. J., Graham, S. A.
2009; 26 (1): 85-112
 - **Deep-water foreland basin deposits of the Cerro Toro Formation, Magallanes basin, Chile: architectural elements of a sinuous basin axial channel belt** *SEDIMENTOLOGY*
Hubbard, S. M., Romans, B. W., Graham, S. A.
2008; 55 (5): 1333-1359
 - **Trench-forearc interactions reflected in the sedimentary fill of Talara basin, northwest Peru** *BASIN RESEARCH*
Fildani, A., Hessler, A. M., Graham, S. A.
2008; 20 (3): 305-331
 - **From sea level to high elevation in 15 million years: Uplift history of the northern Tibetan Plateau margin in the Altun Shan** *AMERICAN JOURNAL OF SCIENCE*
Ritts, B. D., Yue, Y., Graham, S. A., Sobel, E. R., Abbink, O. A., Stockli, D.
2008; 308 (5): 657-678
 - **Constraints on the early uplift history of the Tibetan Plateau** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Wang, C., Zhao, X., Liu, Z., Lippert, P. C., Graham, S. A., Coe, R. S., Yi, H., Zhu, L., Liu, S., Li, Y.
2008; 105 (13): 4987-4992
 - **TURBIDITE ARCHITECTURE IN PROXIMAL FORELAND BASIN-SYSTEM DEEP-WATER DEPOCENTERS: INSIGHTS FROM THE CENOZOIC OF WESTERN EUROPE** *AUSTRIAN JOURNAL OF EARTH SCIENCES*
Covault, J. A., Graham, S. A.
2008; 101: 36-51
 - **Turbidite deposition of the Songpan-Ganzi Complex, China** *Deep-Water Outcrops of the World Atlas: American Association of Petroleum Geologists Special Publication*
Weislogel, A., Graham, S. A.
edited by Nilsen, T., Shew, R., Steffens, G., Studlick, J.
American Association of Petroleum Geologists .2008: 162–164
 - **Coarse-grained turbiditic infill of failure-generated slope accommodation, Tres Pasos Formation, west face, Sierra Contreras, southern Chile** *Deep-Water Outcrops of the World Atlas: American Association of Petroleum Geologists Special Publication*
Shultz, M., Cope, T., Fildani, A., Graham, S.

- edited by Nilsen, T., Shew, R., Steffens, G., Studlick, J.
American Association of Petroleum Geologists.2008: 136–139
- **Accretionary tectonics and sedimentation during late Paleozoic arc collision, China-Mongolia border region** *Formation and application of the sedimentary record in arc collision zones*
Johnson, C. L., Amory, J. A., Graham, S. A., Lamb, M. A., Badarch, G., Affolter, M.
edited by Draut, A., Clift, P., Scholl, D.
Geological Society of America.2008: 363–390
 - **Preface** *Deep-Water Outcrops of the World Atlas: American Association of Petroleum Geologists Special Publication*
Graham, S. A., Lowe, D. R.
edited by Nilsen, T., Shew, R., Steffens, G., Studlick, J.
American Association of Petroleum Geologists.2008
 - **Sedimentary response to arc-continent collision, Permian, southern Mongolia** *Geological-Society-of-America Penrose Conference*
Johnson, C. L., Amory, J. A., Zinniker, D., Lamb, M. A., Graham, S. A., Affolter, M., Badarch, G.
GEOLOGICAL SOC AMER INC.2008: 363–390
 - **Deepwater channel margin architecture, Cerro Toro Formation, Cerro Mocho, Chile** *Deep-Water Outcrops of the World Atlas: American Association of Petroleum Geologists Special Publication*
Hubbard, S. M., Romans, B. W., Graham, S. A.
edited by Nilsen, T., Shew, R., Steffens, G., Studlick, J.
American Association of Petroleum Geologists.2008: 128–131
 - **A deep-water amalgamated sheet system, Punta Barrosa Formation, Marina's Cliff, Chile** *Deep-Water Outcrops of the World Atlas: American Association of Petroleum Geologists Special Publication*
Fildani, A., Shultz, M. R., Graham, S. A., Leier, A.
edited by Nilsen, T., Shew, R., Steffens, G., Studlick, J.
American Association of Petroleum Geologists.2008: 123–124
 - **Facies architecture of slope channel complexes, Tres Pasos Formation at Cerro Divisadero Chile** *Deep-Water Outcrops of the World Atlas*
Romans, B. R., Shultz, M. R., Hubbard, S. M., Graham, S. A.
edited by Nilsen, T., Shew, R., Steffens, G., Studlick, J.
American Association of Petroleum Geologists.2008: 132–135
 - **Highstand fans in the California borderland: The overlooked deep-water depositional systems** *GEOLOGY*
Covault, J. A., Normark, W. R., Romans, B. W., Graham, S. A.
2007; 35 (9): 783-786
 - **Detrital record of Mesozoic shortening in the Yanshan belt, NE China: testing structural interpretations with basin analysis** *BASIN RESEARCH*
Cope, T. D., Shultz, M. R., Graham, S. A.
2007; 19 (2): 253-272
 - **New constraints on the early uplift history of the Tibetan plateau** *6th Annual Meeting of the International-Professionals-for-the-Advancement-of-Chinese-Earth-Sciences*
Wang, C., Zhao, X., Liu, Z., Graham, S. A., Coe, R. S., Yi, H., Zhu, L., Liu, S., Lippert, P. C., Li, Y.
CHINA UNIV GEOSCIENCES.2007: 553–554
 - **Upper crustal response to Mesozoic tectonism in western Liaoning, North China, and implications for lithospheric delamination** *Meeting on Mesozoic Sub-Continental Lithospheric Thinning Under Eastern Asia*
Cope, T. D., Graham, S. A.
GEOLOGICAL SOC PUBLISHING HOUSE.2007: 201–222
 - **An outcrop example of large-scale conglomeratic intrusions sourced from deep-water channel deposits, Cerro Toro Formation, Magallanes Basin, southern Chile** *American Association of Petroleum Geologists Memoir*
Hubbard, S. M., Romans, B. W., Graham, S. A.
edited by Hurst, A.
American Association of Petroleum Geologists.2007; 87: 199–209
 - **San Joaquin basin, California: Age control and eustatic versus tectonic forcing factors** *Pacific Section American Association of Petroleum Geologists*

- Johnson, C. J., Bloch, R. B., Graham, S. A.
2007; Chart MP49
- **Hydrogen isotopes in Eocene river gravels and paleoelevation of the Sierra Nevada** *SCIENCE*
Mulch, A., Graham, S. A., Chamberlain, C. P.
2006; 313 (5783): 87-89
 - **Facies, architecture, and origin of a reservoir-scale sand-rich succession within submarine canyon fill: Insights from Wagon Caves Rock (Paleocene), Santa Lucia Range, California, USA** *JOURNAL OF SEDIMENTARY RESEARCH*
Anderson, K. S., Graham, S. A., Hubbard, S. M.
2006; 76 (5-6): 819-838
 - **Detrital zircon provenance of the Late Triassic Songpan-Ganzi complex: Sedimentary record of collision of the North and South China blocks** *GEOLOGY*
Weislogel, A. L., Graham, S. A., Chang, E. Z., Wooden, J. L., Gehrels, G. E., Yang, H. S.
2006; 34 (2): 97-100
 - **Does the Great Valley Group contain Jurassic strata? Reevaluation of the age and early evolution of a classic forearc basin** *GEOLOGY*
Surpless, K. D., Graham, S. A., Covault, J. A., Wooden, J. L.
2006; 34 (1): 21-24
 - **Middle Tertiary stratigraphic sequences of the San Joaquin basin, California** *San Joaquin Basin Province Assessment Team, Assessment of undiscovered oil and gas resources of the San Joaquin basin province of California, 2003*
Johnson, C. L., Graham, S. A.
U.S. Geological Survey.2006
 - **Following the 49ers: High Eocene elevation of the Sierra Nevada revealed by paleo-altimetry of gold-bearing river gravels** *Science*
Mulch, A., A, Graham S., Chamberlain, C. P.
2006; 305: 87-89
 - **Multi-method detrital thermochronology of the Great Valley Group near New Idria, California** *Geological Society of America Bulletin*
Vermeesch, P., Miller, D. D., Graham, S. A., Degraeve, J., McWilliams, M. O.
2006; 118: 210-218
 - **Sedimentology and stratigraphic architecture of a thick-bedded sand-rich turbidite channel complex within a Paleocene submarine canyon, northern Santa Lucia Range, California** *Journal of Sedimentary Research*
Anderson, K. S., Graham, S. A.
2006; 76: 819-838
 - **Multimethod detrital thermochronology of the Great Valley Group near New Idria, California** *GEOLOGICAL SOCIETY OF AMERICA BULLETIN*
Vermeesch, P., Miller, D. D., Graham, S. A., De Grave, J., McWilliams, M. O.
2006; 118 (1-2): 210-218
 - **Geochemical characteristics of oil and source rocks and implications for petroleum systems, Talara basin, northwest Peru** *AAPG BULLETIN*
Fildani, A., Hanson, A. D., Chen, Z. Z., Moldowan, J. M., Graham, S. A., Arriola, P. R.
2005; 89 (11): 1519-1545
 - **Detrital zircon provenance evidence for large-scale extrusion along the Altyn Tagh fault** *TECTONOPHYSICS*
Yue, Y. J., Graham, S. A., Ritts, B. D., Wooden, J. L.
2005; 406 (3-4): 165-178
 - **Transient fan architecture and depositional controls from near-surface 3-D seismic data, Niger Delta continental slope** *AAPG BULLETIN*
Adeogba, A. A., McHargue, T. R., Graham, S. A.
2005; 89 (5): 627-643
 - **Late Paleozoic sedimentation on the northern margin of the North China block: Implications for regional tectonics and climate change** *INTERNATIONAL GEOLOGY REVIEW*
Cope, T., Ritts, B. D., Darby, B. J., Fildani, A., Graham, S. A.
2005; 47 (3): 270-296
 - **Integrated provenance analysis of a complex orogenic terrane: Mesozoic uplift of the Bogda Shan and inception of the Turpan-Hami Basin, NW China** *JOURNAL OF SEDIMENTARY RESEARCH*

- Greene, T. J., Carroll, A. R., Wartes, M., Graham, S. A., Wooden, J. L.
2005; 75 (2): 251-267
- **Stable isotope records of Cenozoic climate and topography, Tibetan plateau and Tarim basin** *AMERICAN JOURNAL OF SCIENCE*
Graham, S. A., CHAMBERLAIN, C. P., Yue, Y. J., Ritts, B. D., Hanson, A. D., Horton, T. W., Waldbauer, J. R., Poage, M. A., Feng, X.
2005; 305 (2): 101-118
 - **Architecture and depositional controls of deep-water slope deposits as imaged by near-surface 3-D seismic data, Niger delta, Nigeria** *American Association of Petroleum Geologists Bulletin*
Adeogba, A., McHargue, T., Graham, S. A.
2005; 89
 - **Net Dextral Slip, Neogene San Gregorio-Hosgri Fault Zone, Coastal California: Geologic Evidence and Tectonic Implications** *NET DEXTRAL SLIP, NEOGENE SAN GREGORIO-HOSGRI FAULT ZONE, COASTAL CALIFORNIA: GEOLOGIC EVIDENCE AND TECTONIC IMPLICATIONS*
Dickinson, W. R., Ducea, M., Rosenberg, L. I., Greene, H., Graham, S. A., Clark, J. C., Weber, G. E., Kidder, S., Ernst, W., Brabb, E. E.
2005; 391: 1-43
 - **Deposition and stratigraphic architecture of an outcropping ancient slope system: Tres Pasos Formation, Magallanes Basin, southern Chile** *SUBMARINE SLOPE SYSTEMS: PROCESSES AND PRODUCTS*
Shultz, M. R., Fildani, A., Cope, T. D., Graham, S. A., Hodgson, D. M., Flint, S. S.
2005; 244: 27-50
 - **Net dextral slip, Neogene San Gregorio-Hosgri fault zone, coastal California: Geological evidence and tectonic implications** *Geological Society of America Special Paper*
Dickinson, W. R., Ducea, M., Rosenberg, L. L., Greene, H. G., Graham, S. A., Clark, J. C., Weber, G. E., Kidder, S., Ernst, W. G., Brabb, E. E.
2005; 391: 43
 - **Utilizing outcrop analogs to improve subsurface mapping of natural gas-bearing strata in the Puchkirchen Formation, Molasse Basin, Upper Austria** *Austrian Journal of Earth Sciences*
Hubbard, S.M., de Ruig, M.J., Graham, S.A.
2005; 98: 52-66
 - **Stratigraphic architecture of an outcropping ancient slope system; Tres Pasos formation, Magallanes basin, southern Chile** *Geological Society of London, Special Publication 244*
Shultz, M., Cope, T., Fildani, A., Graham, S. A.
2005: 27-50
 - **Geochemical characteristics and possible correlation between oil and source rocks of Talara basin, NW Peru** *American Association of Petroleum Geologists Bulletin*
Fildani, A., Hanson, A. D., Chen, Z., Moldowan, J. M., Graham, S. A., Arriola, P.
2005; 89: 1519-1545
 - **Sedimentary evidence against large strike-slip translation on the Northern Altyn Tagh fault, NW China** *EARTH AND PLANETARY SCIENCE LETTERS*
Yue, Y. J., Ritts, B. D., Hanson, A. D., Graham, S. A.
2004; 228 (3-4): 311-323
 - **Sedimentology and reservoir architecture of a synrift lacustrine delta, Southeastern Mongolia** *JOURNAL OF SEDIMENTARY RESEARCH*
Johnson, C. L., Graham, S. A.
2004; 74 (6): 770-785
 - **Cycles in perilacustrine facies of Late Mesozoic rift basins, Southeastern Mongolia** *JOURNAL OF SEDIMENTARY RESEARCH*
Johnson, C. L., Graham, S. A.
2004; 74 (6): 786-804
 - **Oligocene-Miocene tectonics and sedimentation along the Altyn Tagh Fault, northern Tibetan Plateau: Analysis of the Xorkol, Subei, and Aksay basins** *JOURNAL OF GEOLOGY*
Ritts, B. D., Yue, Y. J., Graham, S. A.
2004; 112 (2): 207-229
 - **Slowing extrusion tectonics: lowered estimate of post-Early Miocene slip rate for the Altyn Tagh fault** *EARTH AND PLANETARY SCIENCE LETTERS*
Yue, Y. J., Ritts, B. D., Graham, S. A., Wooden, J. L., Gehrels, G. E., Zhang, Z. C.

2004; 217 (1-2): 111-122

- **Application of stratigraphic architectural analysis to a sand-rich, deep-sea depositional system: The Rocks Sandstone (Eocene), California** *Deep-Water Sedimentation: Technological Challenges for the Next Millennium*,
Mason, E. L., Graham, S. A.
edited by Appi, C. J., D'Avila, R., Viana, A.
Brazilian Association of Petroleum Geologists.2004: 57–79
- **Seismic reflection imaging of a major strike-slip fault zone in a rift system: Paleogene structure and evolution of the Tan-Lu fault system, Liaodong Bay, Bohai, offshore China** *AAPG BULLETIN*
Hsiao, L. Y., Graham, S. A., Tilander, N.
2004; 88 (1): 71-97
- **Initiation of the Magallanes foreland basin: Timing of the southernmost Patagonian Andes orogeny revised by detrital zircon provenance analysis** *GEOLOGY*
Fildani, A., Cope, T. D., Graham, S. A., Wooden, J. L.
2003; 31 (12): 1081-1084
- **Stratigraphic architecture of a sand-rich, deep-sea depositional system: The Stevens Sandstone, San Joaquin basin, California** *Pacific Section, American Association of Petroleum Geologists, Special Publication*
Lamb, M. A., Anderson, K. S., Graham, S. A.
2003: 64p
- **Remnant-ocean submarine fans: Largest sedimentary systems on Earth** *Extreme depositional environments: Mega end members in geologic time*
Ingersoll, R. V., Dickinson, W. R., Graham, S. A.
Geologic Society of America.2003: 191–208
- **Perspectives on Energy: Today and Tomorrow. Discussions of Resources, Technology, Economics and Policy; 2 DVD set of 11 lectures**
edited by Howell, D. G., Graham, S. A., Ziatnik, D.
Circum-Pacific Council for Energy and Mineral Resources.2003
- **Detrital zircon provenance analysis of the Great Valley Group, California: Evolution of an arc-forearc system** *GEOLOGICAL SOCIETY OF AMERICA BULLETIN*
DeGraaff-Surpless, K., Graham, S. A., Wooden, J. L., McWilliams, M. O.
2002; 114 (12): 1564-1580
- **Sedimentary record and tectonic implications of Mesozoic rifting in southeast Mongolia** *GEOLOGICAL SOCIETY OF AMERICA BULLETIN*
Graham, S. A., Hendrix, M. S., Johnson, C. L., Badamgarav, D., Badarch, G., Amory, J., Porter, M., Barsbold, R., Webb, L. E., Hacker, B. R.
2001; 113 (12): 1560-1579
- **Initiation and long-term slip history of the Altyn Tagh fault** *INTERNATIONAL GEOLOGY REVIEW*
Yue, Y. J., Ritts, B. D., Graham, S. A.
2001; 43 (12): 1087-1093
- **Sedimentary record and tectonic implications of Mesozoic rifting in southeastern Mongolia** *Geological Society of America Bulletin*
Graham, S. A., Hendrix, M. S., Johnson, C. L., Badamgarav, D., Badarch, G., Amory, J., Porter, M., Barsbold, R., Webb, L. E., Hacker, B. R.
2001; 113: 1560-1579
- **Uplift, exhumation and deformation in the Chinese Tian Shan** *Paleozoic and Mesozoic tectonic evolution of central and eastern Asia-from continental assembly to intracontinental deformation*
Dumitru, T., Zhou, D., Chang, E. Z., Graham, S. A., Hendrix, M. S., Sobel, E. R., Carroll, A. R.
edited by Hendrix, M. S., Davis, G. A.
Geological Society of America.2001 : 71–100
- **Sedimentary record of intra-Mesozoic deformation and Middle to Late Triassic inception of the Turpan-Hami basin, northwest China** *Paleozoic and Mesozoic tectonic evolution of central and eastern Asia-from continental assembly to intracontinental deformation*
Greene, T. J., Hendrix, M. S., Carroll, A. R., Graham, S. A.
edited by Hendrix, M. S., Davis, G. A.
Geological Society of America.2001: 317–340

- **Tectonic correlation of Beishan and Inner Mongolia orogens and its implications for the palinspastic reconstruction of north China** *Paleozoic and Mesozoic tectonic evolution of central and eastern Asia-from continental assembly to intracontinental deformation*
Yue, Y., Liou, J. G., Graham, S. A.
edited by Hendrix, M. S., Davis, G. A.
Geological Society of America.2001: 101–116
- **Triassic synorogenic sedimentation in southern Mongolia: early effects of intracontinental deformation** *Paleozoic and Mesozoic tectonic evolution of central and eastern Asia-from continental assembly to intracontinental deformation*
Hendrix, M. S., Beck, M. A., Badarch, G., Graham, S. A.
edited by Hendrix, M. S., Davis, G. A.
Geological Society of America.2001: 389–412
- **Sinian-Permian sedimentary evolution of the northwest Tarim basin** *Paleozoic and Mesozoic tectonic evolution of central and eastern Asia-from continental assembly to intracontinental deformation*
Carroll, A. R., Graham, S. A., Chang, E., McKnight, C.
edited by Hendrix, M. S., Davis, G. A.
Geological Society of America.2001: 47–70
- **Sedimentary and structural records of late Mesozoic high-strain extension and strain partitioning, East Gobi basin, southern Mongolia** *Paleozoic and Mesozoic tectonic evolution of central and eastern Asia-from continental assembly to intracontinental deformation*
Johnson, C. L., Webb, L. E., Graham, S. A., Hendrix, M. S., Badarch, G.
edited by Hendrix, M. S., Davis, G. A.
Geological Society of America.2001: 413–434
- **Paleozoic tectonic amalgamation of the Chinese Tian Shan: Evidence from a transect along the Dushanzi-Kuqa Highway** *Paleozoic and Mesozoic tectonic evolution of central and eastern Asia-from continental assembly to intracontinental deformation*
Zhou, D., Graham, S. A., Chang, E. Z., Wang, B., Hacker, B.
edited by Hendrix, M. S., Davis, G. A.
Geological Society of America.2001: 29–46
- **Non-marine record of mid-Mesozoic deformation in central Asia: sedimentology, provenance, and tectonic setting of Jurassic and lower Cretaceous strata, western Mongolia** *Paleozoic and Mesozoic tectonic evolution of central and eastern Asia-from continental assembly to intracontinental deformation*
Sjostrom, D., Hendrix, M. S., Badamgarav, D., Graham, S. A., Nelson, B.
edited by Hendrix, M. S., Davis, G. A.
Geological Society of America.2001: 361–388
- **Paleozoic oil-source rock correlations in the Tarim basin, NW China** *ORGANIC GEOCHEMISTRY*
Zhang, S. C., Hanson, A. D., Moldowan, J. M., Graham, S. A., Liang, D. G., Chang, E., Fago, F.
2000; 31 (4): 273-286
- **Left-lateral sense offset of Upper Proterozoic to Paleozoic features across the Gobi Onon, Tost, and Zuunbayan faults in southern Mongolia and implications for other central Asian faults** *EARTH AND PLANETARY SCIENCE LETTERS*
Lamb, M. A., Hanson, A. D., Graham, S. A., Badarch, G., Webb, L. E.
1999; 173 (3): 183-194
- **Upper Miocene Stevens sandstone, San Joaquin basin, California: Reinterpretation of a petroliferous, sand-rich, deep-sea depositional system** *AAPG BULLETIN*
Harrison, C. P., Graham, S. A.
1999; 83 (6): 898-924
- **Occurrence, age, and implications of the Yagan Onch Hayrhan metamorphic core complex, southern Mongolia** *GEOLOGY*
Webb, L. E., Graham, S. A., Johnson, C. L., Badarch, G., Hendrix, M. S.
1999; 27 (2): 143-146
- **Integrating teaching with field research in the Wagon Rock Project** *Journal of Geological Education*
Anderson, K. S., Hickson, T., Crider, J., Graham, S. A.
1999; 47: 227-235
- **Geologic field trips in northern California** *California Division of Mines and Geology Special Publication*
edited by Wagner, D., Graham, S. A.

California Division of Mines and Geology.1999; 119 (254 p.)

- **Recognition of a Santonian submarine canyon, Great Valley group, Sacramento basin, California: Implications for petroleum exploration and sequence stratigraphy of deep-marine strata** *AAPG BULLETIN*
Williams, T. A., Graham, S. A., Constenius, K. N.
1998; 82 (8): 1575-1595
- **Stratigraphic occurrence, paleoenvironment, and description of the oldest known dinosaur (late Jurassic) from Mongolia** *PALAIOS*
Graham, S. A., Hendrix, M. S., Barsbold, R., Badamgarav, D., Sjostrom, D., Kirschner, W., McIntosh, J. S.
1997; 12 (3): 292-297
- **Extrusion of the Altyn Tagh wedge: A kinematic model for the Altyn Tagh fault and palinspastic reconstruction of northern China - Reply** *GEOLOGY*
Zhou, D., Graham, S. A.
1997; 25 (5): 476-477
- **Noyon Uul syncline, southern Mongolia: Lower Mesozoic sedimentary record of the tectonic amalgamation of central Asia** *GEOLOGICAL SOCIETY OF AMERICA BULLETIN*
Hendrix, M. S., Graham, S. A., Amory, J. Y., Badarch, G.
1996; 108 (10): 1256-1274
- **Statistical analysis of bed-thickness patterns in a turbidite section from the great valley sequence, Cache Creek, northern California** *JOURNAL OF SEDIMENTARY RESEARCH*
Murray, C. J., Lowe, D. R., Graham, S. A., Martinez, P. A., Zeng, J. J., Carroll, A. R., Cox, R., Hendrix, M., Heubeck, C., Miller, D., MOXON, I. W., Sobel, E., Wendebourg, et al
1996; 66 (5): 900-908
- **Songpan-Ganzi complex of the west Qinlin Shan as a Triassic remnant-ocean basin** *Tectonic evolution of Asia*
Zhou, D., Graham, S. A.
Cambridge University Press.1996: 281-299
- **Post-Laramide geology of the U.S. Cordilleran region** *The Cordilleran orogen: Conterminous U.S.*
Yeats, R., Christiansen, R., Graham, S., Niem, A., Snavely, Jr., P. D.
Geological Society of America.1996: 1992
- **Characteristics and tectonic significance of the Late Protoerzoic Aksu blueschist and diabasic dikes, northwestern Xinjiang, China** *International Geology Review*
Liou, J. G., Graham, S., Maruyama, S., Zhang, R. Y.
1996; 38: 228-244
- **Remnant ocean basins** *Tectonics of Sedimentary Basins*
Ingersoll, R. V., Graham, S. A., Dickinson, W. R.
Blackwell Science.1996: 363-392
- **SEDIMENTOLOGY, ORGANIC GEOCHEMISTRY, AND PETROLEUM POTENTIAL OF JURASSIC COAL MEASURES - TARIM, JUNGGAR, AND TURPAN BASINS, NORTHWEST CHINA** *AAPG BULLETIN*
Hendrix, M. S., Brassell, S. C., Carroll, A. R., Graham, S. A.
1995; 79 (7): 929-959
- **LATE PALEOZOIC TECTONIC AMALGAMATION OF NORTHWESTERN CHINA - SEDIMENTARY RECORD OF THE NORTHERN TARIM, NORTHWESTERN TURPAN, AND SOUTHERN JUNGGAR BASINS** *GEOLOGICAL SOCIETY OF AMERICA BULLETIN*
Carroll, A. R., Graham, S. A., Hendrix, M. S., Ying, D., Zhou, D.
1995; 107 (5): 571-594
- **LATE OLIGOCENE EARLY MIOCENE UNROOFING IN THE CHINESE TIEN-SHAN - AN EARLY EFFECT OF THE INDIA-ASIA COLLISION** *GEOLOGY*
Hendrix, M. S., Dumitru, T. A., Graham, S. A.
1994; 22 (6): 487-490
- **COLLISIONAL SUCCESSOR BASINS OF WESTERN CHINA - IMPACT OF TECTONIC INHERITANCE ON SAND COMPOSITION** *GEOLOGICAL SOCIETY OF AMERICA BULLETIN*
Graham, S. A., Hendrix, M. S., Wang, L. B., Carroll, A. R.

- 1993; 105 (3): 323-344
- **UPPER PERMIAN LACUSTRINE OIL SHALES, SOUTHERN JUNGGAR BASIN, NORTHWEST CHINA** *AAPG BULLETIN-AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS*
Carroll, A. R., Brassell, S. C., Graham, S. A.
1992; 76 (12): 1874-1902
 - **SEDIMENTARY RECORD AND CLIMATIC IMPLICATIONS OF RECURRENT DEFORMATION IN THE TIAN-SHAN - EVIDENCE FROM MESOZOIC STRATA OF THE NORTH TARIM, SOUTH JUNGGAR, AND TURPAN BASINS, NORTHWEST CHINA** *GEOLOGICAL SOCIETY OF AMERICA BULLETIN*
Hendrix, M. S., Graham, S. A., Carroll, A. R., Sobel, E. R., McKnight, C. L., SCHULEIN, B. J., Wang, Z. X.
1992; 104 (1): 53-79
 - **PRECAMBRIAN BLUESCHIST TERRANES OF THE WORLD** *SYMP ON TECTONICS OF EASTERN ASIA AND WESTERN PACIFIC CONTINENTAL MARGIN*
Liou, J. G., Maruyama, S., Wang, X., Graham, S.
ELSEVIER SCIENCE BV.1990: 97-111
 - **JUNGGAR BASIN, NORTHWEST CHINA - TRAPPED LATE PALEOZOIC OCEAN** *SYMP ON TECTONICS OF EASTERN ASIA AND WESTERN PACIFIC CONTINENTAL MARGIN*
Carroll, A. R., Liang, Y. H., Graham, S. A., Xiao, X. C., Hendrix, M. S., Chu, J. C., McKnight, C. L.
ELSEVIER SCIENCE BV.1990: 1-14
 - **EVIDENCE FOR LATE PROTEROZOIC SUBDUCTION FROM 700-MYR-OLD BLUESCHISTS IN CHINA** *NATURE*
Nakajima, T., Maruyama, S., Uchiumi, S., Liou, J. G., Wang, X., Xiao, X., Graham, S. A.
1990; 346 (6281): 263-265
 - **FLUVIAL SEDIMENTOLOGY OF AN UPPER JURASSIC PETRIFIED FOREST ASSEMBLAGE, SHISHU FORMATION, JUNGGAR BASIN, XINJIANG, CHINA** *PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY*
McKnight, C. L., Graham, S. A., Carroll, A. R., Gan, Q., Dilcher, D. L., Zhao, M., Liang, Y. H.
1990; 79 (1-2): 1-9
 - **CHARACTERISTICS OF SELECTED PETROLEUM SOURCE ROCKS, XIANJIANG-UYGUR AUTONOMOUS REGION, NORTHWEST CHINA** *AAPG BULLETIN-AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS*
Graham, S. A., Brassell, S., Carroll, A. R., Xiao, X., Demaison, G., McKnight, C. L., Liang, Y., Chu, J., Hendrix, M. S.
1990; 74 (4): 493-512
 - **PROTEROZOIC BLUESCHIST BELT IN WESTERN CHINA - BEST DOCUMENTED PRECAMBRIAN BLUESCHISTS IN THE WORLD** *GEOLOGY*
Liou, J. G., Graham, S. A., Maruyama, S., Wang, X., Xiao, X., Carroll, A. R., Chu, J., Feng, Y., Hendrix, M. S., Liang, Y. H., McKnight, C. L., Tang, Y., Wang, et al
1989; 17 (12): 1127-1131
 - **OLIGOCENE AND MIOCENE PALEOGEOGRAPHY OF CENTRAL CALIFORNIA AND DISPLACEMENT ALONG THE SAN-ANDREAS FAULT** *GEOLOGICAL SOCIETY OF AMERICA BULLETIN*
Graham, S. A., Stanley, R. G., BENT, J. V., Carter, J. B.
1989; 101 (5): 711-730
 - **PROVENANCE OF IMPURE CALCILITHITES IN THE LARAMIDE FORELAND OF SOUTHWESTERN MONTANA** *JOURNAL OF SEDIMENTARY PETROLOGY*
Ingersoll, R. V., Cavazza, W., Graham, S. A.
1987; 57 (6): 995-1003
 - **HISTORY AND CONTROLS OF SUBSIDENCE IN THE LATE CRETACEOUS-TERTIARY GREAT VALLEY FORE-ARC BASIN, CALIFORNIA** *GEOLOGY*
MOXON, I. W., Graham, S. A.
1987; 15 (7): 626-629
 - **LARAMIDE THRUST-GENERATED ALLUVIAL-FAN SEDIMENTATION, SPHINX CONGLOMERATE, SOUTHWESTERN MONTANA** *AAPG BULLETIN-AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS*
DeCelles, P. G., TOLSON, R. B., Graham, S. A., Smith, G. A., Ingersoll, R. V., WHITE, J., Schmidt, C. J., Rice, R., MOXON, I., Lemke, L., Handschy, J. W., FOLLO, M. F., Edwards, et al

1987; 71 (2): 135-155

- **TECTONIC, DEPOSITIONAL, AND DIAGENETIC HISTORY OF MONTEREY FORMATION (MIOCENE), CENTRAL SAN JOAQUIN BASIN, CALIFORNIA** *AAPG BULLETIN-AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS*
Graham, S. A., Williams, L. A.
1985; 69 (3): 385-411
- **BASIN EVOLUTION DURING CHANGE FROM CONVERGENT TO TRANSFORM CONTINENTAL-MARGIN IN CENTRAL CALIFORNIA** *AAPG BULLETIN-AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS*
Graham, S. A., McCloy, C., Hitzman, M., Ward, R., Turner, R.
1984; 68 (3): 233-249
- **EVOLVING CONCEPTS AND TEACHING APPROACHES IN TECTONICS AND SEDIMENTATION** *JOURNAL OF GEOLOGICAL EDUCATION*
Graham, S. A.
1983; 31 (4): 266-276
- **STRUCTURAL CONTROLS ON SUBMARINE-FAN GEOMETRY AND INTERNAL ARCHITECTURE - UPPER LA-JOLLA FAN SYSTEM, OFFSHORE SOUTHERN-CALIFORNIA** *AAPG BULLETIN-AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS*
Graham, S. A., BACHMAN, S. B.
1983; 67 (1): 83-96
- **EVIDENCE FOR 115 KILOMETERS OF RIGHT SLIP ON SAN-GREGORIO-HOSGRI FAULT TREND** *SCIENCE*
Graham, S. A., Dickinson, W. R.
1978; 199 (4325): 179-181
- **Apparent offsets of onland geologic features across the San Gregori-Hosgri fault trend** *San Gregorio-Hosgri fault zone, California*
Graham, S. A., Dickinson, W. R.
California Division of Mines and Geology. 1978: 13-23
- **Role of the Salinian block in evolution of San Andreas fault system** *American Association of Petroleum Geologists Bulletin*
Graham, S. A.
1978; 62: 2214-2231
- **COMMON PROVENANCE FOR LITHIC GRAINS IN CARBONIFEROUS SANDSTONES FROM OUACHITA MOUNTAINS AND BLACK WARRIOR BASIN** *JOURNAL OF SEDIMENTARY PETROLOGY*
Graham, S. A., Ingersoll, R. V., Dickinson, W. R.
1976; 46 (3): 620-632
- **HIMALAYAN-BENGAL MODEL FOR FLYSCH DISPERSAL IN APPALACHIAN-OUACHITA SYSTEM** *GEOLOGICAL SOCIETY OF AMERICA BULLETIN*
Graham, S. A., Dickinson, W. R., Ingersoll, R. V.
1975; 86 (3): 273-286
- **Remnant magnetization of modern tidal flat sediments from San Francisco Bay, California** *Geology*
Graham, S. A.
1974; 2: 223-226
- **Occurrence of middle Cambrian islands in southwest Montana** *Mountain Geologist*
Graham, S. A., Suttner, L. J.
1974; 11: 71-84