

Brian W. Romans

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Education

Ph.D. Geological and Environmental Sciences, Stanford University, 2008

M.S. Geology, Colorado School of Mines, 2003

B.A. Geology, State University of New York at Buffalo, 1997

Employment

Assistant Professor, Dept. of Geosciences, Virginia Tech, 2011-present

Research Scientist, Chevron Energy Technology Co., 2008-2011

Research and Teaching Assistant, Dept. of Geological and Environmental Sciences, Stanford University, 2003-2008

Research Assistant (volunteer), United States Geological Survey, Coastal and Marine Division, Menlo Park, CA, 2003-2007

Research and Teaching Assistant, Dept. of Geology and Geological Engineering, Colorado School of Mines, 2000-2003

Awards and Honors

James Lee Wilson Award for Excellence in Sedimentary Geology by a Young Scientist, Society for Sedimentary Geology (SEPM), 2014

A.I. Levorsen Memorial Award, Best Paper (co-author), 83rd Annual Pacific Section AAPG, Ventura, CA, 2009

Recipient of USGS-Stanford Fellowship, 2006-2007

McGee Fund Grant, Dept. of Geological and Environmental Sciences, Stanford University, 2006

AAPG Grants-in-Aid, Classen Family Grant, 2005

Martin Van Couvering Award, Pacific Section AAPG, 2005

Research Funding

Industry Consortium, *Chile Slope Systems: Architectural Analysis and Modeling of Outcropping Slope Deposits, Magallanes Basin, Chile*, a multi-disciplinary and multi-institution research program with University of Calgary and University of Utah; 13 petroleum company sponsors for a consortium total of \$1,250,000 with \$333,000 delivered to Romans over three years, 2013-2016

American Chemical Society-Doctoral New Investigator grant: *Detecting Signals of Sediment Supply in the Stratigraphic Architecture of an Outcropping Pleistocene Delta Complex*, \$100,000, 2013-2015

Consortium for Ocean Leadership, *Late Eocene to early Miocene (35-20 Ma) history of Deep Western Boundary Current activity in the western North Atlantic*; \$15,000, 2013-2014

PRIME Lab (Purdue University) Seed Grant for sample preparation and analysis related to novel cosmogenic radionuclide application; \$10,000, 2014

Integrated Ocean Drilling Program (IODP): Sailed as shipboard scientist on IODP Expedition 342 *Paleogene Newfoundland Drifts* in June-July 2012 (\$38,314 of salary + expenses for two-month expedition); Total cost of expedition approx. \$12 million

Pending: Co-proponent on International Ocean Discovery Program (IODP) Pre-proposal, *Newfoundland Neogene sediment drifts: Transition from the Paleogene greenhouse to the modern icehouse*; initial submission October 2014; reviewed by IODP Science Evaluation Panel January 2015 with recommendation to develop into full proposal

Publications

Citation Statistics (August 2015):

ThomsonReuters Web of Science (formerly ISI): *citations=518; h-index=16*

GoogleScholar: *citations=827; h-index=18*

Refereed Journal Articles

Pemberton, E.A.L., Hubbard, S.M., Fildani, A., **Romans, B.W.**, and Stright, L., submitted, The stratigraphic expression of deep-water channel to lobe transition: Outcrop example from southern Chile: *Geosphere*

Eriksson, K.A. and **Romans, B.W.**, in revision, Denudation rates of a subequatorial orogenic belt based on estimates of sediment yields: Evidence from the Paleozoic Appalachian Basin, USA: *Basin Research*

- (24) **Romans, B.W.**, Castellort, S., Covault, J.A., Fildani, A., and Walsh, J.P., in press, Environmental signal propagation in sedimentary systems across timescales: *Earth-Science Reviews*, 10.1016/j.earscirev.2015.07.012
- (23) Fosdick, J.C., Grove, M., Graham, S.A., Hourigan, J.K., Lovera, O., and **Romans, B.W.**, 2015, Detrital thermochronologic record of burial heating and sediment recycling in the Magallanes foreland basin, Patagonian Andes: *Basin Research*, 27, 546-572
- (22) Hubbard, S.M., Covault, J.A., Fildani, A., and **Romans, B.W.**, 2014, Sediment transfer and deposition in slope channels: Deciphering the record of enigmatic deep-sea processes from outcrop: *Geological Society of America Bulletin*
- (21) Fildani, A., Hubbard, S.M., Covault, J.A., Maier, K.L., **Romans, B.W.**, Traer, M., and Rowland, J.C., 2013, Erosion at inception of deep-sea channels: *Marine and Petroleum Geology*, 41, 48-61

- (20) Covault, J.A., Craddock, W.H., **Romans, B.W.**, Fildani, A., and Gosai, M., 2013, Spatial and temporal variations in landscape evolution; historic and longer-term sediment flux through global catchments: *The Journal of Geology*, 121, 35-56
- (19) **Romans, B.W.** and Graham, S.A., 2013, A deep-time perspective of land-ocean linkages in the sedimentary record: *Annual Reviews of Marine Science*, 5, 69-94
- (18) Covault, J.A., Shelef, E., Traer, M., Hubbard, S.M., **Romans, B.W.**, and Fildani, A., 2012, Deep-water channel run-out length: Insights from seafloor geomorphology: *Journal of Sedimentary Research*, 82, 25-40
- (17) Fosdick, J.C., **Romans, B.W.**, Fildani, A., Bernhardt, A., Calderon, M., and Graham, S.A., 2011, Kinematic history of the Cretaceous-Neogene Patagonian fold-thrust belt and Magallanes foreland basin, Chile and Argentina (51°30'S): *Geological Society of America Bulletin*, 123, 1679-1698
- (16) Covault, J.A., Hilley, G.E., **Romans, B.W.**, Fildani, A., and Graham, S.A., 2011, Terrestrial source to deep-sea sink sediment budgets at high and low sea levels: Insights from tectonically active southern California: *Geology*, 39, 619-622
- (15) **Romans, B.W.**, Fildani, A., Hubbard, S.M., Covault, J.A., Fosdick, J.C., and Graham, S.A., 2011, Evolution of deep-water stratigraphic architecture, Magallanes Basin, Chile: *Marine and Petroleum Geology*, 28, 612-628
- (14) Covault, J.A., Fildani, A., **Romans, B.W.**, and McHargue, T.R., 2011, The natural range of submarine canyon-and-channel longitudinal profiles: *Geosphere*, 7, 313-332
- (13) McHargue, T.R., Pyrcz, M.J., Sullivan, M.D., Clark, J., Fildani, A., **Romans, B.W.**, Covault, J.A., Levy, M., Posamentier, H., and Drinkwater, N., 2011, Architecture of turbidite channel systems on the continental slope: Patterns and predictions: *Marine and Petroleum Geology*, 28, 728-743
- (12) Pyrcz, M.J., McHargue, T.R., Sullivan, M.D., Clark, J., Drinkwater, N., Fildani, A., Posamentier, H., **Romans, B.W.**, and Levy, M., 2011, Numerical modeling of deepwater channel stacking pattern from outcrop and the quantification of reservoir significance: *SEPM Concepts in Sedimentology and Paleontology No. 10*
- (11) **Romans, B.W.**, Fildani, A., Graham, S.A., Hubbard, S.M., and Covault, J.A., 2010, Importance of predecessor basin history on sedimentary fill of a retroarc foreland basin: Provenance analysis of the Cretaceous Magallanes basin, Chile (50°-52°S): *Basin Research*, 22, 640-658
- (10) Hubbard, S.M., Fildani, A., **Romans, B.W.**, Covault, J.A., and McHargue, T.R., 2010, High-relief slope clinoform development: Insights from outcrop, Magallanes Basin, Chile: *Journal of Sedimentary Research*, 80, 357-375
- (9) Covault, J.A., **Romans, B.W.**, Fildani, A., McGann, M.M., and Graham, S.A., 2010, Rapid climatic signal propagation from source to sink in a southern California sediment routing system: *The Journal of Geology*, 118, 247-259
- (8) **Romans, B.W.**, Normark, W.R., McGann, M.M., Covault, J.A., and Graham, S.A., 2009, Coarse-grained sediment delivery and distribution in the Holocene Santa Monica Basin, California: Implications for evaluating source-to-sink flux at millennial time scales: *GSA Bulletin*, 121, 1394-1408
- (7) Normark, W.R., Piper, D.J.W., **Romans, B.W.**, Covault, J.A., and Dartnell, P., 2009, Submarine canyon and fan systems of the California Continental Borderland: in H. Lee and W.R. Normark, eds., *Earth Science in the Urban Ocean: The Southern California Continental Borderland: Geological Society of America Special Paper 454*, 141-168

- (6) Covault, J.A. and **Romans, B.W.**, 2009, Growth patterns of deep-sea fans revisited: Turbidite system morphology in confined basins in the Quaternary California Borderland: *Marine Geology*, 265, 51-66
- (5) Armitage, D.A., **Romans, B.W.**, Covault, J.A., and Graham, S.A., 2009, The influence of mass transport deposit surface topography on the evolution of turbidite architecture: The Sierra Contreras, Tres Pasos Formation (Cretaceous), southern Chile: *Journal of Sedimentary Research*, 79, 287-301
- (4) Covault, J.A., **Romans, B.W.**, and Graham, S.A., 2009, Large-scale shelf-edge delta stratigraphic architecture and development in the Cretaceous Magallanes Basin, southern Chile: *Journal of Sedimentary Research*, 79, 523-539
- (3) **Romans, B.W.**, Hubbard, S.M., and Graham, S.A., 2009, Stratigraphic evolution of an outcropping continental slope system, Tres Pasos Formation at Cerro Divisadero, Chile: *Sedimentology*, 56, 737-764
- (2) Hubbard, S.M., **Romans, B.W.**, and Graham, S.A., 2008, Deep-water foreland basin deposits of the Cerro Toro Formation, Magallanes basin, Chile: Architectural elements of a sinuous basin axial channel belt: *Sedimentology*, 55, 1333-1359
- (1) Covault, J.A., Normark, W.R., **Romans, B.W.**, and Graham, S.A., 2007, Highstand fans of the California Borderland: The overlooked deep-water depositional system: *Geology*, 35, 783-786

Special Publications, Field Guides, Reports

Norris, R.D., Wilson, P.A., Blum, P., and the **Expedition 342 Scientists**, 2014, *Proceedings IODP, 342*: College Station, TX (Integrated Ocean Drilling Program). iodp.org/proceedings/342/iodp.htm

Expedition 342 Scientists, 2012, Paleogene Newfoundland sediment drifts: *IODP Preliminary Report, 342*

Hubbard, S.M, **Romans, B.W.**, and Fildani, A., 2011, The stratigraphic evolution of deep-water architecture: *Marine and Petroleum Geology*, 28, 609-611

Warrick, J.A., **Romans, B.W.**, Leverich, G.T., and Booth, D.B., 2011, Source-to-Sink in the Western Transverse Ranges: An Introduction and Field Guide: *2011 AGU Chapman Conference on Source-to-Sink Systems Around the World and Through Time*

Fildani, A., Hubbard, S.M, and **Romans, B.W.**, 2009, Stratigraphic Evolution of Deep-Water Architecture: Examples of Controls and Depositional Styles from the Magallanes Basin, Southern Chile: *SEPM Field Guide No. 10*, 80 p

Fildani, A., **Romans, B.W.**, Fosdick, J.F., Crane, W.H., and Hubbard, S.M., 2008, Orogenesis of the Patagonian Andes as reflected by basin evolution in southernmost South America: *Arizona Geological Society Digest* 22, 259-268

Gardner, M.H., Borer, J.M., **Romans, B.W.**, Baptista, N., Kling, E.K., Hanggoro, D., Melick, J.J., Wagerle, R.M., Carr, M.M., Amerman, R., and Atan, S., 2008, Stratigraphic models for deep-water sedimentary systems: *28th Annual Gulf Coast Section SEPM Foundation Bob. F. Perkins Research Conference*

Covault, J.A., **Romans, B.W.**, and Graham, S.A., 2008, Highstand fans of the California Borderland; REPLY: *Geology: Online forum*, e167

Hubbard, S.M., **Romans, B.W.**, and Graham, S.A., 2007, An outcrop example of large-scale conglomeratic intrusions sourced from deep-water channel deposits, Cerro Toro Formation, Magallanes Basin, Southern Chile: in A. Hurst and J. Cartwright, eds., *Sand Injectites: Implications for Hydrocarbon Exploration and Production: AAPG Memoir* 87, 199-207

Romans, B.W., Shultz, M.R., Hubbard, S.M., and Graham, S.A., 2007, Facies architecture of slope channel complexes, Tres Pasos Formation at Cerro Divisadero, southern Chile: in T. Nilsen, R. Shew, G. Steffens, and J. Studlick, eds., *Atlas of Deep-Water Outcrops: AAPG Studies in Geology*, 56, 132-137

Hubbard, S.M., **Romans, B.W.**, and Graham, S.A., 2007, Deepwater channel margin architecture, Cerro Toro Formation (Campanian), Cerro Mocho, Chile: in T. Nilsen, R. Shew, G. Steffens, and J. Studlick, eds., *Atlas of Deep-Water Outcrops: AAPG Studies in Geology*, 56, 128-131

Hubbard, S.M., **Romans, B.W.**, Erohina, T., and Lowe, D.R., 2007, Facies and internal architecture of deepwater channel fill in the Cerro Toro Formation, Sarmiento Vista, Chile: in T. Nilsen, R. Shew, G. Steffens, and J. Studlick, eds., *Atlas of Deep-Water Outcrops: AAPG Studies in Geology*, 56, 140-142

Fildani, A., Crane, W.H., **Romans, B.W.**, Hubbard, S.M., and Shultz, M.R., 2007, Mesozoic through early Tertiary stratigraphic evolution and deep-water deposition of the Magallanes Basin, southern Patagonia, Chile: in T. Nilsen, R. Shew, G. Steffens, and J. Studlick, eds., *Atlas of Deep-Water Outcrops: AAPG Studies in Geology*, 56, 140-142

Jacobi, R., Loewenstein, S., and **Romans, B.W.**, 1999, The basal sandstone in the Stahl No. 1 well, Wyoming county, New York: Is it a correlative of the Rose Run Sandstone?: *NYSERDA Final Report*, Contract Number D 4378-ERTER-ER-97

Invited Presentations and Lectures

National Oceanography Centre, Southampton, United Kingdom, 2015

University North Carolina, Chapel Hill, NC (declined invite due to scheduling conflict)

American Geophysical Union Fall Meeting (invited presenter), San Francisco, 2014

West Virginia University, Dept. of Geology and Geography, 2014

American Assoc. of Petroleum Geologists, SEPM Research Session, 2014

European Geosciences Union General Assembly (invited keynote), Vienna, Austria, 2013

University of North Carolina, Coastal Science Institute, 2013

University of Arizona, Dept. of Geosciences, 2013

University of South Carolina, Marine Science Program, 2012

Virginia Tech, Dept. of Geography, 2012

Bucknell University, Dept. of Geology, 2012

U.S. Geological Survey, Energy Resources Division, Reston, VA, 2012

University of North Carolina Charlotte (declined invite due to scheduling conflict)

INACH (Chilean Antarctic Institute), Punta Arenas, Chile, 2012

University Centre Svalbard, Longyearbyen, Norway, 2009

Advising / Mentoring

Graduate Students (5)

Current (4)

Neal C. Auchter, Ph.D., *Sedimentary processes and stratigraphic evolution of marine slope systems, Magallanes Basin, Chilean Patagonia*; expected completion date: 2016

Cody Mason, Ph.D., *Detecting signals of sediment supply in the stratigraphic architecture of an outcropping Pleistocene alluvial-lacustrine succession, Panamint Range, California*; expected completion date: 2017

Sarah Jancuska, M.S., *Sedimentary processes and deposits related to slope system initiation, Magallanes Basin, Chilean Patagonia*; expected completion date: 2017

Kristin Chilton, M.S., *Response of the Deep Western Boundary Current to climate change at the Eocene-Oligocene transition, Newfoundland Ridge drift complex*; expected completion date: 2017

Completed (1)

Patrick R. Boyle, M.S., *Cenozoic variations in the Deep Western Boundary Current as recorded in the seismic stratigraphy of the Newfoundland Drift Complex, offshore Canada*; 2012-2014 [currently employed as geoscientist at ConocoPhillips, Houston, TX]

Undergraduate Students (7)

Current (1)

Shauna Flynn, *North Atlantic Ocean deep-water circulation dynamics at the Eocene-Oligocene Transition*; 2015-present

Completed (6)

Telemachos Manos, *Evaluating the influence of 300 million-year-old rivers on modern Appalachian Plateau topography*; 2015

Rachel Corrigan, *Response of the Deep Western Boundary Current to climate change at the Oligocene-Miocene transition, Newfoundland Ridge drift complex*; 2014

Eric Lahart, *Dynamics of the Deep Western Boundary Current from Greenhouse to Icehouse (Eocene-Oligocene transition), Newfoundland Ridge drift complex*; 2014

Robert Ulrich, *Petrographic characterization of axis versus margin sandstones in submarine channel deposits, Cretaceous Tres Pasos Formation, Chile*; 2014

Sarah Ault, *Carbonate dissolution or terrigenous dilution? Sortable silt record of decimeter-scale sedimentary cycles in the Eocene, Newfoundland Ridge drift complex*, 2013-2014

Christopher Matthews, *Testing the contourite facies model with quantitative grain-size data*; 2013-2014

Professional Activities and Service

Scientific Panels

International Ocean Discovery Program (IODP), *Science Evaluation Panel (SEP)*, 2013-present

Member of Scientific Committee for 2nd Deep-Water Circulation Congress, Ghent Belgium, 2014

Journal / Proposal Reviewing

Editorial Board for *Geology*, 2013-present

Journal reviewer for: *Geology*, *Earth-Science Reviews*, *Earth and Planetary Science Letters*, *Annual Review of Marine Science*, *Basin Research*, *The Journal of Geology*, *Sedimentology*, *Marine Geology*, *Journal of Sedimentary Research*, *Sedimentary Geology*, *Marine and Petroleum Geology*, *Geomorphology*

Proposal reviewer for: *NSF proposals (four since 2010)*, *American Chemical Society-Petroleum Research Fund proposals (one since 2013)*

Conference Chairing / Special Issue Editing

Co-chair (with Covault, J.A., Hubbard, S.M., and Fildani, A.) for SEPM Research Symposium – AAPG Annual Meeting *Channels: From Geomorphic Expression to Stratigraphic Record*; June 2015, Denver, Colorado

Co-chair (with Van Rooij, D.) for AGU Fall Meeting Technical Session *The Paleocceanographic Value of Contourite Archives*; December 2014, San Francisco, California

Co-chair (with Eggenhuisen, J. and Parker, G.) for AGU Fall Meeting Technical Session *Sediment Transport by Turbidity Currents: Simulation and Observation*; December 2013, San Francisco, California

Co-chair (with Weislogel, A. and Fosdick, J.) for GSA Annual Meeting Technical Session *Integrated Detrital Records of Orogenic Systems*; November 2012, Charlotte, North Carolina.

Co-chair (with Covault, J.A. and Hubbard, S.M.) for GSA Annual Meeting Technical Session *Cyclicity and Hierarchy in the Clastic Stratigraphic Record*; November 2012, Charlotte, North Carolina.

Program Committee Member for 2012 AAPG Annual Meeting in Long Beach, CA.

Co-chair (with Covault, J.A.) for AAPG Annual Meeting Technical Session *Application of Integrated Sedimentary Systems Analysis*; April 2012, Long Beach, California.

Co-chair (with Paola, C., Posamentier, H., and Martinsen, O.) for AAPG Annual Meeting Technical Session *Source to Sink: Evaluating the Significance of Interdependence of Depositional Systems*; April 2011, Houston, Texas.

Program Committee Member for AGU Chapman Conference *Source to Sink Systems Around the World and Through Time*; January 2011, Oxnard, California.

Co-editor (with Hubbard, S.M., and Fildani, A.) for special thematic issue of *Marine and Petroleum Geology* *Stratigraphic Evolution of Deep-Water Architecture*; March 2011, v. 28.

Co-chair (with Morris, W.M.) for Pacific Section AAPG Annual Meeting Technical Session *Making the Link from Modern to Ancient Turbidite Systems: An Integrated Approach in Honor of Bill Normark*; May 2009, Ventura, California.

Co-convener and field guidebook co-editor (with Fildani, A., and Hubbard, S.M.) for SEPM Research Conference *Stratigraphic Evolution of Deep-Water Architecture: Examples from Cretaceous Magallanes Basin, Chile*; February 2009, Puerto Natales, Chile.

Co-chair (with Martin, J.M.) for AGU Annual Meeting Session H33C *Natural and Experimental Depositional Landscapes and Stratigraphic Architecture: Bridging the Gap Between the Surface and Subsurface*; December 2008, San Francisco, California.

Co-chair (with Fildani, A., and Hubbard, S.M.) for AAPG Annual Meeting Technical Session *Process-Related Architectural Changes in Deep-Water Deposits*; April 2008, San Antonio, Texas.

Co-chair (with Battacharya, J.P.) for AAPG Hedberg Research Conference *Sediment Transfer from Shelf to Deepwater & Revisiting the Delivery Mechanisms* for technical session entitled *Deep marine fossil systems*; March 2008, Ushuaia, Argentina.

Professional Societies

Nominating Committee, Society for Sedimentary Geology (SEPM), 2015-2016

Web Communications Councilor, Society for Sedimentary Geology (SEPM), 2012-2014

Member, American Association of Petroleum Geologists (AAPG), 1999-present

Member, Geological Society of America (GSA), 2002-present

Member, Society for Sedimentary Geology (SEPM), 2002-present

Member, American Geophysical Union (AGU), 2005-present

Teaching

Basin Analysis, Virginia Tech; graduate student course, 2014-present

Seismic Stratigraphy, Virginia Tech; graduate and upper-level undergraduate students, 2013-present

Sedimentology/Stratigraphy, Virginia Tech; required course for geoscience majors, 2011-present

Deep-water Stratigraphy and Reservoir Characterization, Chevron Energy Technology Co.; instructor for classroom- and field-based training courses, 2008-2011

Sedimentary Processes and Architecture, University Centre at Svalbard; Guest lecturer and field trip leader for field-based course, 2009

Tectonics and Sedimentation, Colorado School of Mines; Guest lecturer for two-day workshop for graduate students, 2008

Reservoir Modeling and Flow Simulation with Outcrop Data, Stanford University; Teaching assistant for Drs. Graham, Journel, and Aziz, 2004-2006

Sedimentary Basins, Stanford University; Teaching assistant for Dr. Graham, 2005

Fundamentals of Geology, Stanford University; Teaching assistant for Dr. Surpress (2003), Dr. Ernst (2004), and Dr. Wright-Dunbar (2006)

Undergraduate Geology Field Camp for Petroleum Engineers, Colorado School of Mines; Teaching assistant for Drs. Anderson and Miskimins, 2002-2003

Petroleum Industry Experience

Chevron Energy Technology Co., Research scientist, San Ramon, California, 2008-2011

Chevron Energy Technology Co., Internship, San Ramon, California, 2006

BP – Gulf of Mexico Deepwater Development, Internship, Houston, Texas, 2002

Cabot Oil and Gas Corporation, Internship, Denver, Colorado, 2001

Prima Energy Corporation, Assistant geologist, Denver, Colorado, 1998-2000

Quest Energy, Inc., Assistant geologist, Amherst, New York, 1997-1998

Conference Abstracts

underline denotes graduate student advisee

2015

Auchter, N.C., **Romans, B.W.**, Hubbard, S.M., Stright, L., and Daniels, B.G., 2014, Outcrop example of intrastratal slope deformation controlled by depositional architecture, Tres Pasos Formation, Magallanes Basin, Chile: AAPG Annual Convention and Exhibition, Denver

Daniels, B.G., Hubbard, S.M., Jackson, A.A., Stright, L., **Romans, B.W.**, and Auchter, N.C., 2015, Constructing a seismic-scale 3-D geo-model of stacked slope channel deposits grounded in high-resolution observations, Magallanes Basin, Chile: AAPG Annual Convention and Exhibition, Denver

Hubbard, S.M., **Romans, B.W.**, Jobe, Z.R., Covault, J.A., and Fildani, A., 2015, How many turbidity currents pass through a submarine channel and what is their stratigraphic expression?: AAPG Annual Convention and Exhibition, Denver

Jackson, A.A., Stright, L., Hubbard, S.M., and **Romans, B.W.**, 2015, Characterizing static reservoir connectivity of deep-water slope deposits using sub-seismic outcrop-based facies models, Tres Pasos Formation, Magallanes Basin, Chilean Patagonia: AAPG Annual Convention and Exhibition, Denver

Jancuska, S.N., **Romans, B.W.**, Auchter, N.C., Hubbard, S.M., and Stright, L., 2015, Stratigraphic expression of the transition from basin plain to slope sedimentation in outcropping strata of the Magallanes Basin, Chilean Patagonia: AAPG Annual Convention and Exhibition, Denver

Mason, C.C. and **Romans, B.W.**, 2015, Quantifying sediment supply in stratigraphy using cosmogenic nuclides: Insights from the Pleasant Canyon Complex, Panamint Mountains, California: AAPG Annual Convention and Exhibition, Denver

Meirovitz, C., Jackson, A.A., Stright, L., Hubbard, S.M., and **Romans, B.W.**, 2015, Quantifying intra-channel architecture controls on reservoir performance in deep-water slope channel system, Tres Pasos Formation, Magallanes Basin: AAPG Annual Convention and Exhibition, Denver

Niquet, D., Hubbard, S.M., Reimchen, A., Laycock, D., Jobe, Z.R., and **Romans, B.W.**, 2015, The orientation of sandstone-filled U-shaped trace fossils as indicators of deep-water channel axis position, Tres Pasos Formation, Chile: AAPG Annual Convention and Exhibition, Denver

Stright, L., Jackson, A.A., **Romans, B.W.** and Hubbard, S.M., 2015, Optimizing the preservation of deep-water intra-channel architecture and model connectivity during upscaling: Tres Pasos Formation, Magallanes Basin, Chilean Patagonia: AAPG Annual Convention and Exhibition, Denver

2014

Auchter, N.C., Romans, B.W., Hubbard, S.M., Daniels, B.G., Reimchen, A.P., Jackson, A.A., Stright, L., 2014, Multi-phase submarine channel-fill history recorded by stratigraphic architectures in outcropping slope-channel deposits, Tres Pasos Formation, southern Chile: AGU Fall Meeting, San Francisco

Boyle, P.R., Romans, B.W., Norris, R.D., Tucholke, B.E., Swift, S.A., and Sexton, P.F., 2014, Cenozoic circulation history of the North Atlantic Ocean from seismic stratigraphy of the Newfoundland Ridge Drift Complex: AGU Fall Meeting, San Francisco

Fosdick, J.C., Grove, M.J., Graham, S.A., Hourigan, J.K., Lovera, O.M., and, **Romans, B.W.**, 2014, Unraveling burial heating and sediment recycling in retroarc foreland basins: Detrital thermochronologic insights from the northern Magallanes Basin, Patagonian Andes: AGU Fall Meeting, San Francisco

Hubbard, S.M., Covault, J.A., Fildani, A., and, **Romans, B.W.**, 2014, The stratigraphic expression of formative processes in channels: AGU Fall Meeting, San Francisco

Mason, C.C., Them, T.R. II, and Romans, B.W., 2014, Are catchment denudation signals stored in alluvial-fan stratigraphy? Measuring paleodenudation rates using cosmogenic radionuclides in the Pleistocene Pleasant Canyon complex, Panamint Mountains, California: AGU Fall Meeting, San Francisco

Romans, B.W., Mason, C.C., and Eriksson, K.A., 2014, Sediment flux from stratigraphy: Insights from <1 Ma to >300 Ma sedimentary archives: AGU Fall Meeting, San Francisco (**invited presentation**)

Daniels, B.G., Hubbard, S.M., Auchter, N.C., **Romans, B.W.**, Pemberton, E.A.L., Remichen, A.P., Jackson, A.A., and Stright, L., 2014, Deep-Water Sediment Transfer via Slope Channels as Reflected in Outcropping Cretaceous Strata of the Andean Cordillera, Southern Chile: GSA Annual Meeting, Vancouver

Hubbard, S.M., **Romans, B.W.**, Jobe, Z.R., and Covault, J.A., 2014, Measuring the Number of Turbidity Currents that Pass Through Submarine Channels: International Sedimentological Congress, Geneva, Switzerland

Daniels, B.G., Hubbard, S.M., Stright, L., **Romans, B.W.**, and Remichen, A.P., 2014, Downslope variations in slope channel body stacking patterns in outcrop, Magallanes foreland basin, Chile: Canadian Society of Petroleum Geologists Annual Convention, Calgary

Reimchen, A.P., Hubbard, S.M., Daniels, B.G., **Romans, B.W.**, and Stright, L., 2014, Comparison of Slope Channel Deposits from the Shelf Edge to Lower Slope: Evidence for Changes in Erosion, Sediment Transfer, and Deposition (Magallanes Basin, Chile): Canadian Society of Petroleum Geologists Annual Convention, Calgary

Auchter, N.C., Romans, B.W., Hubbard, S.M., Stright, L., Reimchen, A.P., and Daniels, B.G., 2014, Slope Evolution Revealed by Analysis of Sandstone Body Architecture, Tres Pasos Formation at Cerro Mirador, Chile: AAPG Annual Convention and Exhibition, Houston

Boyle, P.R., Romans, B.W., and IODP Expedition 342 Scientists, 2014, Investigating Slope-Parallel Processes in Mud-Dominated Depositional Systems Through Seismic Stratigraphic Mapping of Contourite Drifts: Newfoundland Ridge, Offshore Canada: AAPG Annual Convention and Exhibition, Houston

Daniels, B.G., Hubbard, S.M., Stright, L., **Romans, B.W.**, Remichen, A.P., and Auchter, N.C., 2014, Channel Architecture and Facies Variability along an 8 km-long Downslope Transect of the Figueroa Clinoform, Tres Pasos Formation, Chile: AAPG Annual Convention and Exhibition, Houston

Jackson, A., Daniels, B.G., Stright, L., Hubbard, S.M., and **Romans, B.W.**, 2014, Characterizing static and dynamic reservoir connectivity of deep-water slope deposits using detailed outcrop-based facies models, Tres Pasos Formation, Chile: AAPG Annual Convention and Exhibition, Houston

Mason, C.C., Auchter, N.C. **Romans, B.W.**, 2014, Architecture, lithofacies, and depositional model for the Ballarat sequence: a mid-Pleistocene fan-delta complex, Panamint Valley, Inyo County, California: AAPG Annual Convention and Exhibition, Houston

Pemberton, E.A.L., Fletcher, S.D.T., Hubbard, S.M., Shultz, A., and **Romans, B.W.**, 2014, Modeling the Stratigraphic and Facies Architecture of a Flow-Expansion Zone Constrained with Outcrop Data: AAPG Annual Convention and Exhibition, Houston

Power, B.A., Covault, J.A., Sullivan, M., Zarra, L., Carson, B., **Romans, B.W.**, Clark, J.C., and Fildani, A., 2014, Facies Analysis and Stratigraphic Relationships of Avulsion Splay Successions in the Paleogene Wilcox Formation, Deep Water Gulf of Mexico: AAPG Annual Convention and Exhibition, Houston

Reimchen, A.P., Hubbard, S.M., Auchter, N.C., Daniels, B.G., Jackson, A., Stright, L., **Romans, B.W.**, 2014, The record of sediment transfer on deep-water slopes: Characterization of an aggradational channel complex 24 km from the shelf edge, Tres Pasos Formation Outcrop Belt, Chile: AAPG Annual Convention and Exhibition, Houston

Romans, B.W., 2014, Allogenic and autogenic controls on deep-water stratigraphy: AAPG Annual Convention and Exhibition, Houston (**invited presentation**)

Stright, L., Jackson, A.A., Fletcher, S.D.T., **Romans, B.W.**, and Hubbard, S.M., 2014, Are static 2d measures of connectivity a good proxy for 3d dynamic connectivity in deepwater slope channels?: AAPG Annual Convention and Exhibition, Houston

Jackson, A., Stright, L., Hubbard, S.M., and **Romans, B.W.**, 2014, Quantifying the impact of intra- and inter-channel architecture on reservoir connectivity using outcrop-based modeling workflows, Tres Pasos Formation, Magallanes Basin, Chile: Geological Society London Special Conference, Reducing Subsurface Uncertainty and Risk Through Field-Based Studies, London

2013

Romans, B.W., Castelltort, S., Covault, J.A., and Walsh, J.P., 2013, Building a bridge to deep time: Sedimentary systems across timescales: AGU Fall Meeting, San Francisco, CA, December 9-13, 2013

Boyle, P.R., **Romans, B.W.**, and **IODP Expedition 342 Scientists**, 2013, Cenozoic variations in the Deep Western Boundary Current as recorded in the seismic stratigraphy of contourite drifts: IODP Expedition 342, Newfoundland Ridge, offshore Canada: AGU Fall Meeting, San Francisco, CA, December 9-13, 2013

Scher, H.D., **Romans, B.W.**, Moffett, Z.J., and **IODP Expedition 342 Scientists**, 2013, Changes in sediment provenance to the Southeast Newfoundland Ridge from the late Eocene to the early Oligocene; Northern hemisphere glaciation or deep water circulation?: AGU Fall Meeting, San Francisco, CA, December 9-13, 2013

Junium, C., Bornemann, A., Bown, P., Friedrich, O., Moriyama, K., Kirtland Turner, S., Whiteside, J., and **IODP Expedition 342 Scientists**, 2013, A new Oceanic Anoxic Event 2 record from the central North Atlantic at Southeast Newfoundland Ridge, IODP Expedition 342, Newfoundland Drifts: AGU Fall Meeting, San Francisco, CA, December 9-13, 2013

Penman, D., Kirtland Turner, S., Sexton, P., Norris, R., Zachos, J., Cameron, A., and **IODP Expedition 342 Scientists**, 2013, Direct evidence for a CCD overshoot in the aftermath of the PETM: AGU Fall Meeting, San Francisco, CA, December 9-13, 2013

Power, B., Clark, J.C., Covault, J.A., Fildani, A., Sullivan, M., Carson, B., Zarra, L., and **Romans, B.W.**, 2013, Facies analysis and interpretation of argillaceous sandstone beds in the Paleogene Wilcox Formation, deep water Gulf of Mexico: 2013 International Association of Sedimentologists meeting, Manchester, UK

Covault, J.A., Fildani, A., Hubbard, S.M., and **Romans, B.W.**, 2013, Geomorphic and stratigraphic records of submarine channels: Implications for channel-filling processes and reservoir architecture: Future Directions for Research on Submarine Sediment Flows; Field Workshop, Santa Sofia, Italy, September 9-13 (**invited presentation**)

Scher, H.D., **Romans, B.W.**, Buckley, Jr. W.P., Gibson, K.A., Moffett, Z.J., and **IODP Expedition 342 Scientists**, 2013, Terrigenous input, deep water circulation, and bottom current intensity in the late Eocene to late Oligocene North Atlantic: 11th International Conference on Paleooceanography, Barcelona, Spain, September 1-6, 2013

Liebrand, D., Blum, P., Greenop, R., Kordesch, W., Leonhardt, D., Friedrich, O., Bornemann, A., Jo, K., Wilson, P., Norris, R., and **IODP Expedition 342 Scientists**, 2013, Suborbital variability in Oligocene and Miocene elemental records of the J-Anomaly Ridge Sites: 11th International Conference on Paleooceanography, Barcelona, Spain, September 1-6, 2013

Auchter, N.C., **Romans, B.W.**, Hubbard, S.M., and Stright, L, 2013, Stratigraphic architecture of punctuated deep-water channel migration, Upper Cretaceous Tres Pasos Formation, Magallanes Basin, Chile. AAPG Annual Convention and Exhibition, Pittsburgh

Boyle, P.R., **Romans, B.W.**, and **IODP Expedition 342 Scientists**, 2013, Using seismic expression of contourite drifts to understand mud-dominated depositional systems: Insights from the Newfoundland Ridge, offshore Canada. AAPG Annual Convention and Exhibition, Pittsburgh

Daniels, B.G., Macauley, R.V., Fletcher, S.D.T., Jackson, A.A., Stright, L., **Romans, B.W.**, and Hubbard, S.M., 2013, Quantifying slope intra-channel facies architecture from outcrop. AAPG Annual Convention and Exhibition, Pittsburgh

Fletcher, S.D.T., Hubbard, S.M., Macauley R.V., Pemberton, E.A., **Romans, B.W.**, and Stright, L., 2013, Investigating down-slope changes in deep-water channel stacking with a 3-D digital outcrop model, Cretaceous Tres Pasos Formation, southern Chile. AAPG Annual Convention and Exhibition, Pittsburgh

Pemberton, E.A., Hubbard, S.M., Fletcher, S.D.T., and **Romans, B.W.**, 2013, The stratigraphic architecture preserved at the channel-lobe transition zone: Tres Pasos Formation outcrop belt, southern Chile. AAPG Annual Convention and Exhibition, Pittsburgh

Romans, B.W., Hubbard, S.M., Stright, L, and Auchter, N.C., 2013, Variability in slope sandstone bodies: Linkage to slope morphology and evolution. AAPG Annual Convention and Exhibition, Pittsburgh

Romans, B.W., Fildani, A., Clark, J., Power, B., and Sullivan, M., 2013, Grain-size characteristics of unconfined deep-water deposits in the Quaternary Santa Monica Basin, California: Implications for reservoir quality in distal turbidite systems. AAPG Annual Convention and Exhibition, Pittsburgh

Stright, L., Jackson, A.A., Fletcher, S.D.T., **Romans, B.W.**, and Hubbard, S.M., 2013, Are static 2D measures of connectivity a good proxy for 3D dynamic connectivity in deepwater slope channels? AAPG Annual Convention and Exhibition, Pittsburgh

Romans, B.W., Fosdick, J.C., Hubbard, S.M., and Fildani, A., 2013, When sink becomes source: Importance of sediment recycling in linked orogen-basin systems: EGU General Assembly, Vienna, Austria; EGU2013-14242 (**invited presentation**)

2012

Romans, B.W. and Covault, J.A., 2012, Influence of sediment routing morphology and grain-size partitioning on deep-marine stratigraphic records: Insights from Quaternary systems of southern California. GSA Annual Meeting, Charlotte, NC, November 4-7, 2012.

Covault, J.A., **Romans, B.W.**, Fildani, A., Madof, A., Harris, A., Pyrcz, M., and Sun, T., 2012, Sediment budget framework for source to sink predictions. Meeting of Young Researchers in Earth Sciences (MYRES), Salt Lake City, UT, August 8-12, 2012.

Fosdick, J.C., Grove, M., Graham, S.A., Hourigan, J., Lovera, O., and **Romans, B.W.**, 2012, Detrital thermochronologic record of sedimentary provenance, exhumation, and orogenesis in Patagonia. Meeting of Young Researchers in Earth Sciences (MYRES): The Sedimentary Record of Landscape Dynamics, Salt Lake City, UT, August 8-12, 2012.

Romans, B.W. and Covault, J.A., 2012, Comparing stratigraphic records in a multi-sink system: Influence of sediment routing on grain-size partitioning and sediment budget. Meeting of Young Researchers in Earth Sciences (MYRES): The Sedimentary Record of Landscape Dynamics, Salt Lake City, UT, August 8-12, 2012.

Fosdick, J.C., Grove, M., Hourigan, J., Lovera, O., **Romans, B.W.**, and Graham, S.A., 2012, Using detrital thermochronology and thermal modeling to constrain basin burial, orogenic exhumation, and paleogeography of the Magallanes Basin, southern Andes. AAPG Annual Convention and Exhibition, Search and Discovery 90142.

2011

Fildani, A., Covault, J.A., Maier, K.L., Hubbard, S.M., **Romans, B.W.**, and Rowland, J.C., 2011, Erosion at inception of deep-sea channels. Geological Society London: Internal architecture, bedforms, and geometry of turbidite channels. London, June 20-21 (**invited presentation**).

Hubbard, S.M., Fildani, A., Covault, J.A., **Romans, B.W.**, Campion, K., and Macauley, R.V., 2011, Deciphering a more complete record of sediment transfer across basin margin slopes. Geological Society London: Internal architecture, bedforms, and geometry of turbidite channels. London, June 20-21.

Romans, B.W., Fildani, A., Covault, J.A., Sullivan, M., Clark, J., Power, B., Pyrcz, M., Bracken, B., Willis, B., and Payenberg, T., 2011, Remembering the source when applying source-to-sink concepts in clastic stratigraphy. AAPG Annual Convention, Houston, TX, April 10-13, 2011.

Covault, J.A., Craddock, W.H., **Romans, B.W.**, and Fildani, A., 2011, Terrestrial sediment flux; the importance of timescale of observation and drainage-basin size: Geophysical Research Abstracts, v. 13, EGU2011-7804.

Graham, S.A., **Romans, B.W.** (presenter), and Covault, J.A., 2011, Source-to-sink in the stratigraphic record: Capturing the long-term, deep-time evolution of sedimentary systems: AGU Chapman Conference *Source-to-Sink Systems Around the World and Through Time*, Oxnard, CA, January 24-27, 2011.

Romans, B.W., Covault, J.A., Fildani, A., Hilley, G.E., and Graham, S.A., 2011, Linking terrestrial denudation to marine deposition for the Holocene Santa Clara River sediment-routing system: AGU Chapman Conference *Source-to-Sink Systems Around the World and Through Time*, Oxnard, CA, January 24-27, 2011.

2010

Fosdick, J.F., **Romans, B.W.**, Grove, M.J., and Hourigan, J., 2010, Coupled detrital zircon U/Pb-He thermochronologic record of thrust belt unroofing in the Magallanes Basin, Patagonian Andes. GSA Annual Meeting, Denver, CO, October 31-November 3, 2010.

Romans, B.W., Covault, J.A., and Fildani, A., 2010, Allogenic and autogenic forcings within the context of sediment-routing systems: Examples from southern California. AAPG Annual Convention, New Orleans, LA, April 11-14, 2010.

Romans, B.W., Fildani, A., Hubbard, S.M., Covault, J.A., Graham, S.A., and Fosdick, J.F., 2010, The influence of tectonic evolution on deep-water stratigraphic architecture, Magallanes Basin, Chile. AAPG Annual Convention, New Orleans, LA, April 11-14, 2010.

Covault, J.A., Hilley, G.E., **Romans, B.W.**, Graham, S.A., and Fildani, A., 2010, Steady transfer of sediment from drainage basins to the deep ocean over thousands of years of climate change. AAPG Annual Convention, New Orleans, LA, April 11-14, 2010.

Hubbard, S.M., Macauley, R.V., Miles, B.D., Schroeder, R., Fildani, A., Clark, J., **Romans, B.W.**, Covault, J.A., and McHargue, T.R., 2010, Deep-water channel development in proximity to the channel-lobe transition: An outcrop example. AAPG Annual Convention, New Orleans, LA, April 11-14, 2010.

Covault, J.A., **Romans, B.W.**, Fildani, A., McGann, M.M., and Graham, S.A., 2010, Rapid climatic signal propagation from source-to-sink in a southern California sediment-routing system. AAPG Annual Convention, New Orleans, LA, April 11-14, 2010.

2009

Romans, B.W., Covault, J.A., and Fildani, A., 2009, High-frequency allogenic forcings on the Holocene stratigraphy of the Santa Monica Basin, California: AGU Fall Meeting, San Francisco, CA, December 14-18, 2009.

Romans, B.W., Fildani, A., Graham, S.A., Covault, J.A., Fosdick, J.C., and Hubbard, S.M., 2009, Importance of predecessor basin history on provenance of the Magallanes retroarc foreland basin, Chile (50°-52°S): GSA Annual Meeting, Portland, OR, October 18-21, 2009.

Fosdick, J.C., **Romans, B.W.**, Fildani, A., Calderon, M., Bernhardt, A., and Graham, S.A., 2009, Shortening under extended circumstances: regional structure of the Cretaceous-Neogene Patagonian fold-thrust belt and Magallanes Basin, Chile and Argentina (51° 30'S): GSA Annual Meeting, Portland, OR, October 18-21, 2009.

Covault, J.A., Fildani, A., and **Romans, B.W.**, 2009, The natural range of submarine canyon-and-channel longitudinal profiles: AGU Fall Meeting, San Francisco, CA, December 14-18, 2009.

Hogan, P.J., **Romans, B.W.**, Varnell, S., and Broughton, A., 2009, Sandy turbidite delivery and distribution patterns in an enclosed southern California Continental Borderland basin: Submarine Mass Movements and Their Consequences, 4th International Symposium, Austin, TX, November 2009.

Posamentier, H.W., Clark, J., Covault, J.A., Fildani, A., McHargue, T.R., Pyrcz, M.J., **Romans, B.W.**, and Sullivan, M.D., 2009, From staging area to sink: the linkage of shelf events and associated deep-water deposits: AAPG Annual Convention, Denver, CO, June 7-10, 2009.

Covault, J.A., and **Romans, B.W.**, 2009, Growth patterns of deep-sea fans revisited: Turbidite-system morphology in confined basins of the Quaternary California Borderland: AAPG Pacific Section Annual Convention, Ventura, CA, May 2-6, 2009.

McHargue, T.R., Clark, J., Fildani, A., Levy, M., **Romans, B.W.**, Covault, J.A., Sullivan, M.D., Pyrcz, M.J., and Posamentier, H.W., 2009, Allocyclicity of sediment volume and composition provide the basis for a predictive model of turbidite channel architectures: AAPG Pacific Section Annual Convention, Ventura, CA, May 2-6, 2009.

Romans, B.W., Hubbard, S.M., Fildani, A., Covault, J.A., and Armitage, D.A., 2009, Architecture and stratigraphy of a high-relief prograding slope system in the northern Magallanes foreland basin: Tres Pasos Formation from Cerro Divisadero to the Sierra Contreras: SEPM Research Conference, Magallanes Basin, Ultima Esperanza District, Chile, February 22-28, 2009.

Covault, J.A., and **Romans, B.W.**, 2009, Outcrop expression of a continental-margin-scale shelf-edge delta from the Cretaceous Magallanes Basin, Chile: SEPM Research Conference, Magallanes Basin, Ultima Esperanza District, Chile, February 22-28, 2009.

2008

Clark, J.D., Pyrcz, M.J., **Romans, B.W.**, Fildani, A., Sullivan, M.D., McHargue, T.R., Sullivan, M.D., Posamentier, H.W., and Levy, M.E., 2008, Event-based modeling of deep-water slope channel systems: calibrating experimental results with observed stratigraphic architecture.

Hubbard, S.M., Fildani, A., **Romans, B.W.**, Covault, J.A., Drinkwater, N.J., McHargue, T.R., Sullivan, M.D., and Posamentier, H.W., 2008, Supplementing subsurface characterization with insights from outcrop: Sandstone distribution in slope deposits of the Tres Pasos Formation, Chile: Geological Society of America, Fall Meeting, Houston, Texas.

Fildani, A., Pyrcz, M.J., **Romans, B.W.**, McHargue, T.R., Sullivan, M.D., Clark, J.D., Drinkwater, N.J., and Posamentier, H.W., 2008, Event-based forward modeling: visualizing and predicting turbidite channel architecture: Geological Society of America, Fall Meeting, Houston, Texas.

Fosdick, J.C., Bernhardt, A., **Romans, B.W.**, Fildani, A. and Graham, S.A., 2008, Exhumation of the Patagonian Cordillera: Insights from detrital thermochronologic analysis of the Magallanes Basin, southern Chile: 11th Annual Conference on Thermochronometry, September 2008, Anchorage, Alaska.

Hogan, P.J., Lane, A., Hooper, J. Broughton, A., and **Romans, B.W.**, 2008, Geohazard challenge of the Woodside OceanWay Secure Energy LNG development, offshore southern California: Offshore Technology Conference, Houston, TX.

Romans, B.W., Covault, J.C., Hubbard, S.M., and Fildani, A., 2008, Sedimentologic processes and stratigraphic record of linked delta-continental slope progradation, Magallanes Basin, Chile: American Association of Petroleum Geologists Hedberg Research Conference, Ushuaia, Argentina.

Romans, B.W., Hubbard, S.M., and Covault, J.C., 2008, Application of turbidite bed amalgamation metric to slope deposits of the Tres Pasos Formation of southern Chile: Implications for evaluating reservoir connectivity and sedimentary body architecture from one-dimensional data: American Association of Petroleum Geologists Annual Convention Official Program, San Antonio, Texas.

2007

Romans, B.W., Normark, W.R., McGann, M.M., Covault, J.A., and Graham, S.A., 2007, Controls on coarse-grained sediment delivery and distribution in the Holocene Santa Monica Basin, California: Implications for evaluating source-to-sink flux at millennial time scales. AGU Fall Meeting.

Romans, B.W. and Normark, W.R., 2007, High-resolution spatial and temporal patterns of sand accumulation on an active highstand submarine fan in Santa Monica Basin, offshore California: Implications for controls on deep-marine sedimentation: American Association of Petroleum Geologists Annual Convention Official Program, Long Beach, California.

2006

Romans, B.W., and Normark, W.R., 2006, Distribution and rates of terrigenous sediment accumulation on the Hueneme submarine fan in the late Holocene (4.3 ka-present), Santa Monica Basin, California: EOS Trans. AGU, 87(52), Fall Meet. Suppl., Abstract OS23A-1633.

Fosdick, J.C., **Romans, B.W.**, and Hubbard, S.M., 2006, Exhumation of the Magallanes foreland basin, Patagonian Andes, Chile (51°S): EOS Trans. AGU, 87(52), Fall Meet. Suppl., Abstract T31C-0457.

Romans, B.W., Fildani, A., Hubbard, S.M., Crane, W.H., and Graham, S.A., 2006, Emplacement of thrust-sheets recorded in Upper Cretaceous basin fill, Magallanes (Austral) Basin, southern Chile: Geological Society of America and Asociacion Geologica Argentina joint meeting, Mendoza, Argentina.

Normark, W.R., Paull, C.K., Ussler, W., Mitts, P., and **Romans, B.W.**, 2006, Redondo and Hueneme sand-rich canyon-fan systems, offshore southern California: EOS Trans. AGU, 87(36), Ocean Sci. Meet. Suppl., Abstract OS45A-02.

2005

Romans, B.W., and Hubbard, S.M., 2005, Facies and architectural complexity within and among outcropping slope channel complexes, Upper Cretaceous Tres Pasos Formation, Sierra de los Baguales, southern Chile: American Association of Petroleum Geologists Annual Convention Official Program, Calgary.

2003

Romans, B.W., and Gardner, M.H., 2003, Patterns of Permian basinal sedimentation in the western Delaware Basin, Cutoff, Brushy Canyon, and Cherry Canyon formations, west Texas: A new stratigraphic model for deep-water clastics: American Association of Petroleum Geologists Annual Convention Official Program, Salt Lake City.