**LISA STRIGHT**
*Assistant Professor of Hydrocarbon Geosciences, University of Utah (Start Date: June 15, 2011)*

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**EDUCATION**

Ph.D., 2011, Interdisciplinary Geosciences, Stanford University, Stanford, CA

M.S., 2006, Petroleum Engineering, Stanford University, Stanford, CA

M.S., 1999, Geological Engineering, Michigan Technological University, Houghton, MI

B.S., 1995, Civil (Environmental) Engineering, University of Colorado, Boulder, CO

**OTHER EDUCATION**

Business Certificate, 2006, Summer Institute of Entrepreneurship (SIE), Stanford Graduate School of Business, Stanford, CA

Continuing Education, 2000-2001, Petroleum Engineering courses, Colorado School of Mines, Golden, CO and University of Leoben, Austria

**EMPLOYMENT HISTORY**

Maternity Leave 2013-2014

Assistant Professor, 2011-present, Department of Geology & Geophysics, University of Utah

Research Scientist, 2011-2012, Energy & Geoscience Institute, University of Utah

Summer Internship, 2007, ExxonMobil, Houston, TX

Consulting Reservoir Engineer, 2003-2004, Malkewicz, Hueni and Associates, Denver, CO

Reservoir Engineer, 1999-2003, VeritasDGC, Inc., Houston, TX

Environmental Engineer, 1996-1997, Adrian Brown Consultants, Denver, CO

System Administrator, 1995-1996, National Oceanic and Atmospheric Administration

**AWARDS AND HONORS**

 Outstanding Teaching Award, University of Utah (2014)

 Advisor to the University of Utah AAPG IBA Team, 2nd place in the Rocky Mountain Regionals (2014)

 Co-advisor to the University of Utah AAPG Imperial Barrel Award, 1st place (2013)

 First Place in the AAPG International Student Paper Contest (2010)

 Centennial Teaching Assistant Award in the School of Earth Sciences (2008)

 Top 10 Oral Presentations of AAPG (2007)

 First Place Paper in the Western Region and International SPE Student Paper Contest (2006)

 VeritasDGC Leadership Program (2001) and Executive Mentoring Program (2003)

Advisee awards

* Outstanding undergraduate research, Ryan Hillier (2013)
* Outstanding undergraduate research, Casey Duncan (2014)
* U of U poster symposium, 2nd place poster award, Allison Jackson (M.S.) (2014)

**TEACHING**

*University of Utah Courses*

* Petroleum Industry Career Path (PCIP Ib), Petroleum Geology \*\*
* Petroleum Industry Career Path (PCIP 2b), Petrophysics and Well Logging \*\*
* Petroleum Industry Career Path (PCIP 3), Capstone Course : IBA Competition \*\*\*
* Reservoir Characterization and Modeling \*
* Introduction to Applied Geostatistics \*

Since the Fall of 2011, I have designed and taught 2 new classes (\*), redesigned and taught two of the PICP courses (\*\*), designed a PICP Capstone course with Drs. Cari Johnson and Lauren Birgenheier (\*\*\*).

ConocoPhillips participated in the inaugural Reservoir Characterization and Modeling course in 2012 by sending two geologists on the fieldtrip and again to review the final presentations at the end of the semester. They were pleased with the course and the outcome was an annual gift of $15K in support of our petroleum curriculum.

My teaching interests are rooted in interdisciplinary topics and I enjoy teaching diverse groups of geologist, geophysicists and engineers.

***Year 1: Fall 2011-Spring 2012***

* PICP II (now called 1b), Fall 2011 (1.5 credits, 20 students)
* Natural Disasters, Fall 2011 (1.5 out of 3 CR total, ~108 students, co-taught with Lauren)
* Petrophysics, Spring 2012 (1.5 credits, ~20 students)
* Applied Geostatistics, Spring 2012 (1.5 credits, ~12 students)
* Applied Geostatistics, EGI Short Course, Fall 2011

***Year 2: Fall 2012-Spring 2013***

* PICP Ib, Petroleum Geology, Fall 2012 (1.5 Credits, 18 students)
* Reservoir Characterization and Modeling, Fall 2012 (3.0 Credits, 19 students)
* Applied Geostatistics, Spring 2013 (1.5 Credits, 13 students)
* PICP 3, Capstone Course, Spring 2013 (3.0 Credits, 6 students – co-taught with Lauren)

***Year 3: Fall 2013-Spring 2014***

* Fall 2013 - Maternity Leave, but still taught PICP 1b to help Lauren out
* PICP 2a - Petrophysics Spring 2014 (1.5 Credits)
* PICP 3 - Capstone, Spring 2014 (3 Credits)

***Year 4: Fall 2012-Spring 2015***

* Reservoir Characterization and Modeling, Fall 2014 (3.0 Credits, 16 students)
* PICP 1b - Petroleum Geology, Fall 2014 (1.5 Credits, 15 students)
* PICP 2a - Petrophysics, Spring 2015 (1.5 Credits, ?)

**TEACHING AND STUDENT GRANTS**

* University Teaching Assistantship, 2014, Faculty co-Mentor***Award sum $15,000***Summary: Ph.D. Student Julia Mulhern
* University Teaching Assistantship, 2012, Faculty Mentor***Award sum $15,000***Summary: M.S. Student Alex Turner
* Undergraduate Research Opportunities Program, 2013
Summary: B.S. Student Ryan Hillier received this grant to expand a well-known logging method that he used while on an EGI project

**RESEARCH GRANTS: AWARDS AS PI OR CO-PI**

* Straight Cliffs Formation Study, *funded* (Stright and C. Johnson, co-PIs)
***Phase 1 award sum $250,000/yr for 3 years ($750,000 total) (2012-2015)***Phase 1 Funders: ConocoPhillips, Chevron, Shell, Statoil, Hess
***Phase 2 anticipated award sum $250,000/yr for 3 years ($750,000 total)(2015-2018)****Anticipated* Phase 2 Funders: ConocoPhillips, Chevron, Shell, ExxonMobil, Hess
Topic: Facies analysis, correlation, and reservoir prediction in nonmarine–shallow marine strata
http://r2m.utah.edu/
* Deep-water channel architecture, Magallanes Basin, Chile, *funded*  (Stright, Hubbard and Romans, co-PIs)
Joint Industry Project (JIP) with University of Calgary and Virginia Tech
***Award sum $357,000 for 3 years (JIP Total of $1.125M)(2014-2017)***
Funders: Chevron, ConocoPhillips, Nexen, Statoil, Shell, Marathon, Statoil, BHP, Talisman, Anadarko, Maersk, Hess, BP
http://www.chileslopesystems.com/
* Williams Fork Consortium, Phase VI, 2012, *funded* (subcontract)***Award sum $15,000 per year for 2 years ($30,000 total)***Topic: Evaluate and quantify the impact of multi‐scale stratigraphic and sedimentological controls on reservoir connectivity in the fluvial deposits of the middle‐to‐upper Williams Fork Formation (and equivalent formation) in the Piceance and Uinta basins and Douglas Creek Arch
* Digital Lithofacies Characterization of the Green River Formation, Eastern Utah, 2014 *funded,* Utah Geologic Survey Grant (Jewell, PI; Birgenheier and Stright, co-PIs)
***Award sum $25,000***
* NSF Earthcube, grant application in progress (March 2015 submission deadline); Collaborative work with the Scientific Computing and Imaging Institute (SCI) at the University of Utah

**RESEARCH GRANTS: AWARDS AS COLLABORATOR**

* EGI Liquids from Shales Phase II, 2012 (EGI, collaborator)
**Summer Salary for 2 weeks and 2012-2013 support for 1 M.S. student ($24,000 total)**Topic: Delineation and modeling of the geologic factors that impact liquids production from shales.
* EGI South American Shales Project, 2012 (EGI, collaborator)
**Summer Salary for 2 weeks**
*Undergraduate research project, student paid an hourly rate*

**STUDENT SUPERVISION**

Primary Supervisor

* Karenth Dworsky (3st year M.S. Geology, SCF): “Subsurface to outcrop: Forward modeling, seismic acquisition, and outcrop ties, Kaiparowits Plateau, Utah”
* Wassim Benhallam (3st year Geology, ExxonMobil North African Scholar, SCF): “Development of metrics to test correlation of patterns in channel belt successions with shoreline trajectories”
* Casey Meirovitz (1st year Ph.D., SCF and Patagonia): “Reservoir characterization and simulation of a marginal marine reservoir system: essential architectural elements, scales, and uncertainty”
* Cory Johnson (1st year M.S., SCF): “Reservoir characterization of tidally-influenced deposits in the Straight Cliffs Formations, Kaiparowits Plateau, Utah”
* Audrey Grey (B.S. Geological Engineering, Patagonia): “Characterizing deep-water slope channels using spatial statistics” ***Transitioning to 5th year MS program***

Graduated

* Ryan Hillier (B.S., Geology, UROP Undergraduate Research project, Now at Montana State University working on an MS): “Evaluate TOC calculated from well logs and their spatial distribution to analyze oil and gas production potential from shales in South America.”
* Mason Edward (M.S. Geophysics, co-advisor David Chapman, Now at Chevron): “Geothermal resource potential in the Great Basin in Western Utah. Determining temperature at depth from surface temperature, surface heat flow, and modeled thermal conductivity at depth.”
* Alexandre Turner (M.S. Geology, Now at Chevron): “Outcrop-based predictive modeling of fluvial architecture, Straight Cliffs Formation, Southern Utah”
* Carrie Welker (M.S. Geology, Joint EGI/GG project, Now at ): “Geologic controls on oil production from the Niobrara Formation, Silo Field, Laramie County, Wyoming”
* Allison Jackson (M.S. Geology, Now at Anadarko): “Geomodeling deep-water channel architecture and characterizing the effects of intra-channel heterogeneity on fluid flow in the Tres Pasos Formation, Magallanes Basin, Chile”
* Casey Duncan (B.S. Geology, co-advisor John Bartley on undergraduate research project): “Investigating metrics and statistical measures to compare polygonal features observed on Mars to similar terrestrial features”

*Thesis committee member role (Degrees are in Geology unless otherwise noted)*

* Wei Jia, Ph.D. (*in progress*, Civil Engineering, BJ McPherson ): “Overpressure development under reservoir engineering scenarios”
* Seong Jun Lee Ph.D. (*in progress,* Civil Engineering, BJ McPherson): “Inverse methods and optimization for detecting ‘leaky’ features in the subsurface”
* Ryan Purcell, M.S. (*in progress*) “Reservoir Facies Characterization and LiDAR Model of a Mixed-Energy Estuarine-Tidal Succession, Cretaceous Straight Cliffs Formation, Southern Utah”
* Julia Mulhern, Ph.D. (*in progress*) “Documentation and correlation of complex marginal marine environments in a dramatically expanded JHM section with emphasis on transgressive tidal-estuarine facies”
* Takashi Sato, M.S. (*in progress*) “Fluvial-lacustrine sequence stratigraphy,source-to-sink system, ichnology, and sandstone reservoir characterization of the Tertiary Uinta and Duchesne River Formation, Northern Uinta Basin, Utah”
* David Wheatley, Ph.D. (*in progress*) “Soft Sediment Deformation and Injectites of the Jurassic Carmel Formation, Southern Utah”
* Clement Bataille, Ph.D. (2014): “Predictive models for strontium isotope distribution in bedrock, water and environmental materials for regional provenance studies”
* Brenton Chentnik, M.S. (2014): Stratigraphic evaluation of incised valleys in the Cretaceous Straight Cliffs Formation, Southern Utah
* Marko Gorenc, M.S. (2014): “Hydrocarbon migration and concretion formation in the Permian White Rim Sandstone; implications for reservoir characterization of carbon capture and sequestration”
* Tyler Szwarc, M.S. (2013): Interactions between axial and transverse drainage systems in the Late Cretaceous Cordilleran foreland basin: evidence from detrital zircons in the Straight Cliffs Formation, Southern Utah, USA. Current position: Chevron (Houston, TX) [PPT][PDF]
* Patrick Dooling, M.S. (2012): Tidal facies, stratigraphic architecture, and along-strike variability of a high energy, transgressive shoreline, Late Cretaceous, Kaiparowits Plateau, Southern Utah. Current position: ConocoPhillips (Houston, TX) [PPT][PDF]
* Luke Pettinga, M.S. (2012): Alluvial Architecture and Paleomorphodynamic of the Upper Cretaceous John Henry Member, Straight Cliffs Fm., Utah. Current position: ConocoPhillips (Houston, TX) [PPT][PDF]

**DEPARTMENT SERVICE**

* Spring 2015 DLS co-Chair, Department of Geology and Geophysics, University of Utah
* Petroleum Industry Career Path (PICP) Organizing Committee
 - Tasks: curriculum redevelopment, recruiting and development trips to Houston
* Various additional internal committees (Computing, Space)
* Served on two job search committees: Geological Engineering and Exploration Geophysics

**EXTERNAL SERVICE**

* Invited Editorial Board Member of AAPG/SEG Interpretation Journal, 2014-present
* AAPG 2015 organizing co-chair : “Characterization and Modeling of Unconventional Resources”
* Gussow Geoscience Conference, 2014, session chair, “Closing the Gap II: Advances in Applied Geomodeling for Hydrocarbon Reservoirs”
* Associate Editor, Bulletin of Canadian Petroleum Geology, 2013-present
* AAPG 2012 Annual Conference and Exhibition,session chair: “Innovations in Modeling Approaches for Stratigraphic Characterization and Prediction”
* AAPG 2012 Annual Conference and Exhibitionco-leader: “Sedimentology, Facies Architecture, & Seismic Modeling of Channelized Deep-Water Systems: La Jolla, California (PSAAPG)”

**PROFESSIONAL DEVELOPMENT**

* SERC – Early Career Geoscience Faculty Conference: Summer 2012
* University of Utah, CTLE Critical Thinking Seminar, Fall 2011
* SERC - Webinar: Climate Change Risk in an Unknowable Future, Fall 2011
* SERC - Online Tutorial: designing effective and Innovative courses in the Geosciences, Spr 2011
* AAPG eSymposium: Connectivity in Fluvial Systems, Fall 2011

**INVITED PRESENTATIONS**

**Stright, L.**, 2014, Digital outcrop models: Cutting edge tools, techniques and applications, Canadian Society of Petroleum Geologists, Closing the Gap II: Advances in Applied Geomodeling for Hydrocarbon Reservoirs, September 20-22, Banff, Canada.

**Stright**, L., 2012, Outcrop and subsurface modeling of deep-water channel deposits: from the subsurface of the Molasse Basin in Austria to the outcrops of the Magallanes Basin in Southern Chile, Brigham Young University, January, 2012.

**Stright**, L., 2012, Outcrop and subsurface modeling of deep-water channel deposits: from the subsurface of the Molasse Basin in Austria to the outcrops of the Magallanes Basin in Southern Chile, Utah State University, April, 2012.

**Stright**, L., 2011, Predicting sub-seismic scale facies from multiple seismic attributes and a conceptual sedimentologic model: A closed loop workflow, Canadian Society of Petroleum Geologists, Closing the Gap: Advances in Applied Geomodeling for Hydrocarbon Reservoirs.

**PUBLICATIONS**

***Papers in Prep***

Jackson, A., **Stright**, L., Hubbard, S., and Romans, B. R., in prep, Characterizing static and dynamic reservoir connectivity of deep-water slope deposits using detailed outcrop-based facies models, Tres Pasos Formation, Magallanes Basin, Chile, AAPG Bulletin.

Dworsky, K., **Stright**, L., Johnson, C., Vanorio, T., Bruno, P. P. B., in prep, Tying Rock Properties to Seismic Reflectivity in the Kaiparowits Plateau, Utah, Interpretation Journal.

Benhallam, W., **Stright**, L., and Johnson, C., in prep, Point pattern analysis of channel organization from the Cretaceous John Henry Member of the Straight Cliffs Formation, Kaiparowits Plateau, Southern Utah, GSA Bulletin.

Pemberton, E. A. L., **Stright, L.** and Hubbard, S. M., in prep, Seismic Reflectivity Modeling to Interpret Slope Channel Architecture: Flow-Expansion Zone vs. Organized Channel Deposits, Magallanes Basin, Southern Chile, Interpretation.

**Stright, L.** and Jobe, Z., in prep, Modeling uncertainty in the three-dimensional structure and stratigraphy of a submarine channel in outcrop, Mathematical Geosciences.

***Papers in Review***

Turner, A. T., **Stright**, L., and Johnson, C. L., in review, Temporal variability in fluvial deposition and the implications for static reservoir connectivity: John Henry Member, Straight Cliffs Formation (Cretaceous, Utah), AAPG Bulletin.

Chentnik, B. M., Johnson, C., Mulhern, J., and **Stright, L.**, in review, Valleys, estuaries, and lagoons: paleoenvironments and regressive-transgressive architecture of the upper Cretaceous Straight Cliffs Formation, GSA Bulletin.

Pemberton, E. A.,, Hubbard, S. M., Fildani, A., Romans, B.R. and **Stright**, L., in review, The Stratigraphic Expression of Deep-Water Flow-Expansion Zones, Tres Pasos Formation Outcrop Belt, Southern Chile, Marine and Petroleum Geology.

***Published in Peer Reviewed Journals***

Szwarcz, T. S., Johnson, C.L., **Stright**, L. E., and McFarlane, C. M., *in press*, Interactions between axial and transverse drainage systems in the Late Cretaceous Cordilleran foreland basin: evidence from detrital zircons in the Straight Cliffs Formation, Southern Utah, USA, GSA Bulletin.

**Stright**, L, J. Stewart, K. Campion, and M. Farrell,2013, Geologic and Seismic Modeling of a West African Deep-water Reservoir Analog (Black's Beach, La Jolla, CA.), AAPG Bulletin, v. 98, no. 4, p. 695-728. DOI:10.1306/09121312211

**Stright**, L., Bernhardt, A., and Boucher, A., 2013, Geostatistically modeling topographically-controlled deposition of sub-seismic scale sandstone packages within a mass transport dominated deep-water channel belt, Mathematical Geosciences, v. 45, n. 3, pp 277-296. DOI: 10.1007/s11004-013-9444-7

Bernhardt, A., **Stright**, L, and Lowe, D. L., 2012, Channelized debris flow deposits and their impact on turbidity currents: the Puchkirchen axial channel belt in the Austrian Molasse Basin, Sedimentology, v. 59, n. 7, 2042-2070. DOI: 10.1111/j.1365-3091.2012.01334.x.

Armitage, D.A. and **Stright**, L., 2010, Modeling and interpreting the seismic-reflection expression of sandstone in an ancient mass-transport deposit dominated deep-water slope environment: Marine and Petroleum Geology, v. 27, p. 1-12, DOI: http://dx.doi.org/10.1016/j.marpetgeo.2009.08.013.

**Stright**, L., Bernhardt, A., Boucher, A.; Mukerji, T., 2009, Revisiting the use of Seismic Attributes as Soft Data for Sub-Seismic Facies Prediction: Proportions vs. Probabilities, The Leading Edge v. 28, n. 12 p. 1460-1469. Invited Paper. DOI: 10.1190/1.3272701

**Stright**, L., 2006, Modeling, Upscaling and History Matching Thin, Irregularly-Shaped Flow Barriers; A Comprehensive Approach for Predicting Reservoir Connectivity, SPE Paper 106528.  **First Place in the SPE Western Region and SPE International Student Paper Contests.** DOI: 10.2118/106528-STU

***Monographs***

**Stright**, L., 2011, Multiscale modeling of deep-water channel deposits: An interdisciplinary study integrating geostatistics, geology and geophysics; The Cretaceous Cerro Toro Formation, Southern Chile, the Eocene Ardath & Scripps Formations, Southern California, and the Oligocene Puchkirchen Formation, Upper Austria, Ph.D. Thesis, Stanford University.

**Stright**, L., 2006, Coupled Geological Modeling and History Matching of Fine-Scale Curvilinear Flow Barriers and Large Scale Facies Bodies, M.S. Thesis, Stanford University.

**Stright**, L., 1999, Modeling Oxygen Mass Transfer Limitations During Biosparging, M.S. Thesis, Michigan Technological University.

***Recent Abstracts***

**Stright**, L., Jackson, A. A., Hubbard, S. M., and Romans, B. W., *accepted* 2015, Optimizing the Preservation of Deepwater Intra-Channel Architecture and Model Connectivity During Upscaling, Tres Pasos Formation, Magallanes Basin, Chilean Patagonia, AAPG Annual Convention, Denver, CO, May 6-9, 2015.

**Stright**, L., Dworsky, K., Johnson, C. and Vanorio, T., *accepted* 2015, Core description, Markov Chain analysis and AVO modeling of a lagoon/tidal to fluvial transition zone in the Cretaceous Straight Cliffs Formation, Southern Utah, AAPG Annual Convention, Denver, CO, May 6-9, 2015.

Meirovitz *accepted* AAPG

Sato, T., Chan, M. A., and Stright, L., *accepted* 2015, Outcrop-based Fluvial and Lacustrine Sandstone Reservoir Characterization and Modeling of the Eocene Uinta and Duchene River Formations, Northern Uinta Basin, Utah, AAPG Annual Convention, Denver, CO, May 6-9, 2015.

Johnson, C., Mulhern, J. and **Stright, L**., *accepted* 2015, Relating modern analogs and process-based facies models to ancient deposits: a mixed-energy estuary from the Cretaceous Straight Cliffs Formation, Southern Utah, The Geological Society of London, Sedimentology of Paralic Reservoirs: Recent Advances and their Applications, London, May 18-19, 2015.

Johnson, C., Mulhern, J. and **Stright, L.,** *accepted* 2015, Detailed Anatomy of an Axially-Incised Valley Fill System, Late Cretaceous of Southern Utah, The Geological Society of London, Sedimentology of Paralic Reservoirs: Recent Advances and their Applications, London, May 18-19, 2015.

**Stright**, L., Dworsky, K., Johnson, C. and Vanorio, T., *accepted* 2015, Core description, Markov Chain analysis and AVO modeling of a lagoon/tidal to fluvial transition zone in the Cretaceous Straight Cliffs Formation, Southern Utah, The Geological Society of London, Sedimentology of Paralic Reservoirs: Recent Advances and their Applications, London, May 18-19, 2015.

Daniels, B. G., Hubbard, S. M., Auchter, N., Romans B. W., Pemberton, E. A. L., Reimchen, A., 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, British Columbia.

Auchter, N., Romans, B., Hubbard, S.M., Daniels, B.G., Reimchen, A.P., Jackson, A.A., and **Stright**, L., 2014, Multi-phase submarine channel-fill history recorded by stratigraphic architectures in outcropping slope-channel deposits, Tres Pasos Formation, Southern Chile. Submitted to 2014 AGU fall meeting.

Benhallam, W., **Stright**, L., and Johnson, C. L., 2014, Spatial analysis of channel-belt stacking patterns: Metrics to discriminate between local and regional controls on deposition in the fluvial John Henry Member of the Straight Cliffs Formation, Southern Utah, GSA Annual Meeting, Vancouver, British Columbia.

Benhallam, W., **Stright**, L., and Johnson, C. L., 2014, Spatial analysis of channel-belt stacking patterns: Metrics to discriminate between local and regional controls on deposition in the fluvial John Henry Member of the Straight Cliffs Formation, Southern Utah, SEPM Research Conference, Autogenic Dynamics in Sedimentary Systems, August 3-6, 2014, Grand Junction, Colorado.

Jackson, A., Daneils, B.G., **Stright**, L., Hubbard, S. 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, Magallanes Basin, Chile, The Geologic Society in London: Reducing Subsurface Uncertainty & Risk through Field-Based Studies, March 4-6, 2014.

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 Abstracts with Programs, Houston, TX, April 6-9, 2014.

Benhallam, W., **Stright**, L., and Johnson, C. L., 2014, Point pattern analysis of channel organization from the Cretaceous John Henry Member of the Straight Cliffs Formation, Kaiparowits Plateau, Southern Utah, AAPG Annual Convention Abstracts with Programs, Houston, TX, April 6-9, 2014.

Chentnik, B., Johnson, C.L., and **Stright**, L., 2014, Valleys to estuaries: Stratigraphy and paleoenvironments of the John Henry Member, Cretaceous Straight Cliffs Formation, Southern Utah, AAPG Annual Convention Abstracts with Programs, Houston, TX, April 6-9, 2014.

Daniels, B. G., Hubbard, S. M., **Stright**, L., Romans B. W., Fletcher, S. D. T, Reimchen, A., and Auchter, N., 2014, Channel Architecture and Facies Variability along an 8 km-long Downslope Transect of the Figueroa Clinoform, Tres Pasos Formation, Chile, AAPG Annual Convention Abstracts with Programs, Houston, TX, April 6-9, 2014.

Dworsky, K., **Stright**, L., Johnson, C.L., Bruno, P.P., and Vanorio, T., 2014, Tying rock properties from core to seismic reflectivity in the Kaiparowits Plateau, Utah, AAPG Annual Convention Abstracts with Programs, Houston, TX, April 6-9, 2014.

Jackson, A., Daniels, B.G., **Stright**, L., Hubbard, S. 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, Magallanes Basin, Chile, AAPG Annual Convention Abstracts with Programs, Houston, TX, April 6-9, 2014.

Johnson, C., Swarcz, T., and **Stright**, L., 2014, Provenance and architectural analysis of linked fluvial and marginal marine depositional systems, Cretaceous Kaiparowits basin, Southern Utah, USA: insights from detrital zircon U/Pb geochronology and paleomorphodynamics, , AAPG Annual Convention Abstracts with Programs, Houston, TX, April 6-9, 2014.

Mulhern, J., Johnson, C.L., and **Stright**, L., 2014, Along-strike thickness variation and facies trends in marginal marine stratigraphic architecture, examples from the Cretaceous Straight Cliffs Formation in the northern Kaiparowits Plateau, Southern Utah, USA, AAPG Annual Convention Abstracts with Programs, Houston, TX, April 6-9, 2014.

Reimchen, A., Hubbard, S. M., Auchter, N., Daniels, B., Jackson, A., **Stright**, L. and 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 Abstracts with Programs, Houston, TX, April 6-9, 2014.

Purcell, R., Johnson, C.L., and **Stright**, L., 2014, Characterization and modeling of tidal influence in a fluvial to marine transition zone: Cretaceous John Henry Member (Straight Cliffs Formation), Southern Utah, AAPG Annual Convention Abstracts with Programs, Houston, TX, April 6-9, 2014.

**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 Abstracts with Programs, Houston, TX, April 6-9, 2014.

Chentnik, B., Johnson, C.L., **Stright**, L., and Mulhern, J., 2013, Stratigraphic evaluation of incised valleys in the Cretaceous Straight Cliffs Formation, Southern Utah, Geological Society of America, Annual Meeting, Denver, CO.

Mulhern, J., Johnson, C.L., and **Stright**, L., 2013, Stratigraphic Analysis of the Cretaceous Straight Cliffs Formation, North Kaiparowits Plateau, Southern Utah, Geological Society of America, Annual Meeting, Denver, CO.

Welker, C. W., L. S. **Stright**, and T. A. Anderson, 2013, Geologic Controls on Oil Production from the Niobrara Formation, Silo Field, Laramie County, Wyoming: AAPG Rocky Mountain Section Meeting, Salt Lake City, UT, Search and Discovery Article #20216

Welker, C. W., L. S. **Stright**, and T. A. Anderson, 2013, Geologic Controls on Oil Production from the Niobrara Formation, Silo Field, Laramie County, Wyoming [abs.]: Applied Geoscience Conference: Interdisciplinary Micro to Macroscale Geomechanics, Houston, TX, Program Book, p. 81.

Johnson, C., **Stright, L.,** Benhallam, W., Pettinga, L., and Turner, A., Metrics of Architecture and Depositional Controls on Fluvial Channel Belt Evolution: Example from the Cretaceous of Utah (USA), 10th International Conference on Fluvial Sedimentology, Leeds, UK, July 14-19, 2013.

Dworsky, K., **Stright, L.,** Johnson, C., and Vanorio, T., 2013, Subsurface to outcrop: Linking rock physics and depositional environment to seismic-reflectivity data, Kaiparowits Plateau, Utah, Rocky Mountain Section AAPG Meeting, Salt Lake City, UT.

Hillier, R. and **Stright, L.**, 2013, #stimating total organic carbon content in the cretaceous Mancos Shale, Rocky Mountain Section AAPG Meeting, Salt Lake City, UT.

Benhallam, W., **Stright, L.,** Johnson, C. L., and Pettinga, L., 2013, Point pattern analysis of channel organization from the Cretaceous John Henry Member of the Straight Cliffs Formation, Kaiparowits Plateau, Southern Utah, Rocky Mountain Section AAPG Meeting, Salt Lake City, UT.

Welker, C. W., **Stright, L. S.,** and Anderson, T. A., 2013, Geologic controls on oil production from the Niobrara Formation, Silo Field, Laramie County, Wyoming [abs.]: Unconventional Resources Technology Conference (URTeC), Denver, CO.

**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 Abstracts with Programs, Pittsburgh, Pennsylvania, May 19-22.

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 Abstracts with Programs, Pittsburgh, Pennsylvania, May 19-22.

Daniels, B.G., Macauley, R.V., Fletcher, S.D.T., Jackson, A.A., **Stright, L.**, Romans, B.R., Hubbard, S.M., 2013, Quantifying slope intra-channel facies architecture from outcrop, AAPG Annual Convention Abstracts with Programs, Pittsburgh, Pennsylvania, May 19-22.

Fletcher, S.D.T, Hubbard, S.M., Macauley, R.V.m Pemberton, E.A., Romans, R.M., 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 Abstracts with Programs, Pittsburgh, Pennsylvania, May 19-22.

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***An additional 17 Abstract prior to Fall 2011 are not listed***

**PROFESSIONAL SOCIETIES**

* American Association of Petroleum Geologists (AAPG)
* Society of Petroleum Engineers (SPE)
* Society of Sedimentary Geology (SEPM)
* Geologic Society of America (GSA)
* European Association of Geologists and Engineers (EAGE)
* International Association of Mathematical Geologists (IAMG)

 **PROFESSIONAL CERTIFICATIONS**

Engineer in Training EIT, 1995 (now called the Fundamentals of Engineering, FE)