

CURRICULUM VITAE - Daniel F. Stockli

Chevron (Gulf) Centennial Professor in Geosciences
Director of UTChron Geo- & Thermochronology Laboratories
Department of Geological Sciences, Jackson School of Geosciences
The University of Texas at Austin
2275 Speedway Blvd C9000
Austin, Texas 78712-0254
e-mail: stockli@jsg.utexas.edu

Educational History:

- 1999 Ph.D. in Geological Sciences, Stanford University. Dissertation; "Timing and nature of Miocene extensional faulting in the northern Basin and Range Province and the structural and thermal transition to the central Sierra Nevada". Advisors: Dr. E. L. Miller and Dr. T. A. Dumitru.
- 1995 M.S. (Diplom) in Geology, Swiss Federal Institute of Technology (ETH), Zurich. Thesis: "Tectonics SW of the Tauern Window, Eastern Alps - Southern Continuation of the Brenner Fault Zone and its Interaction with other Fault Zones". Advisors: Dr. N. S. Mancktelow and Dr. D. Seward.
- 1993 B.S. (Vordiplom) in Geology, Swiss Federal Institute of Technology, Zurich.

Professional Experience:

- 2014 – Chevron (Gulf) Centennial Endowed Professor in Geology at UT Austin
- 2011 – 2017 Chair of UT JSG Solid Earth & Tectonic Processes Theme
- 2011 – Director of UT Geo- and Thermochronometry Laboratories
- 2011 – Professor at University of Texas at Austin
- 2007 Herbetta Visiting Professor University of Lausanne
- 2006 – 2011 Associate Professor at University of Kansas
- 2005 – 2011 Adjunct Professor at Dalhousie University, Halifax, Canada
- 2001 – 2011 Co-Director of KU IGL and Geochronology Laboratories
- 2001 – 2005 Assistant Professor at University of Kansas
- 1999 – 2001 Divisional Postdoctoral Scholar at California Institute of Technology
- 1995 – 1999 Teaching and Research Assistant at Stanford University
- 1994 – 1995 Teaching and Laboratory Assistant, ETH Zurich

Academic Honors:

- 2018 Jackson School Outstanding Researcher Award
- 2017 GSA Fellow
- 2014 Chevron (Gulf) Centennial Professorship
- 2014/5/9 DGS Full Professor Top Performance Award
- 2011 KU Shining Light Research Award
- 2006 J. and M. Van Sant Geology Excellence Award
- 2002 Sigma Xi Membership
- 1999 Texaco Philanthropic prize postdoctoral fellowship California Institute of Technology
- 1996 University of California White Mountain Research Station Fellowship
- 1995 Stanford University Fellowship
- 1995 Outstanding master's thesis award ETHZ and Swiss Presidential Silver Medal

Professional Affiliations:

American Mineralogical Society, Geological Society of America, American Geophysical Union, Swiss Geological Society, AAPG

Languages: English, German, French, Spanish (fluent); Italian, Greek, Arabic (elementary)

Research and Professional Activities

Grants, Awards, and Major Contracts:

- 2019 *Apache Egypt*. Chronostratigraphy and Thermal Evolution Reconstruction of the Alamein area, Egypt. \$325,000.
- 2018 *Equinor*. Provenance signature of modern Rivers in Eastern Mexico. \$175,578.11. Stockli (PI)
- 2018 *NSF Tectonics*. Collaborative research: Timing of slip along the Sierra Nevada frontal fault zone, California: A Thermochronologic Study. \$235,427. Stockli (PI)
- 2018 *Apache Egypt*. Chronostratigraphy and Thermal Evolution Reconstruction of the Abu Gharadig and Alamein basins, Egypt. \$170,00.
- 2017 *NSF OCE*: Collaborative Proposal: Chicxulub impact effects and the recovery of life using scientific drilling investigations at ground zero. \$566,407 (UT Total), Gulick (PI), Stockli (co-PI)
- 2017 *NSF Tectonics*. Retrograde metamorphism in the Greek Cycladic Islands as a window into exhumation mechanisms of high-pressure terranes. \$334,776. Barnes (PI), Stockli (co-PI)
- 2017 *Norwegian INPART*: Arctic Geological History and Future Exploration: A Norwegian-Russian-North American (NO-R-AM) collaboration in Arctic research and education ~\$606,600 or NK 4,841,000 (total for 4 institutions)
- 2017 *Apache Egypt*. Chronostratigraphy and Thermal Evolution Reconstruction of the Qarun area, Egypt. \$72,500.
- 2017 *BHP Billiton*. Provenance and Thermal History of Barbados. \$77,540.
- 2017 *Chevron*. Provenance and Thermal History Reconstruction in the S Atlantic. \$104,000.
- 2016 *Apache Egypt*. Chronostratigraphy and Thermal Evolution Reconstruction of the Western Desert, Egypt. \$268,150.
- 2015 *NSF IF MRI*. Acquisition of a Multicollector Inductively Coupled Plasma Mass Spectrometer for Earth Science Research at the University of Texas at Austin. \$452,544.
- 2015 *NSF Tectonics*. Using the World's Fastest Slipping Normal Fault to Understand the Mechanics of Low-angle Normal Faults. \$290,077.
- 2015 *Statoil*. Isotopic Provenance Constraints on Source to Sink System. \$704,289.
- 2015 *ExxonMobile*. Thermal Evolution of the Iranian Zagros – Lorestan and Fars Provinces. \$119,658.
- 2014 *NSF Tectonics*. Exhumation History of the Indian Lesser Himalaya: Discriminating Tectonic Models with Implications for the Neogene Isotopic Composition of Seawater. \$361,772.
- 2014 *Chevron*. Detrital provenance and thermal evolution of the Kurdistan (Iraq) foreland. \$19,000.
- 2014 *Chevron*. Thermal evolution of deep-water Paleogene Wilcox in the GOM. \$20,000.
- 2014 *Apache Egypt*. Thermal and maturation evolution of Jurassic and Cretaceous strata in the Western Desert of Egypt. \$155,000.
- 2014 *RWE DEA*. Thermochronometric constraints on normal faulting in the Nile Delta. \$46,000.
- 2014 *Statoil*. Detrital geo- and thermochronometric provenance studies (4 years). \$561,333.
- 2013 *NSF Tectonics*. Collaborative Research: Title: Collaborative Research: Paleogeographic record of contractional to extensional tectonics in the Sevier hinterland, Nevada. \$298,000.
- 2013 *Apache Egypt*. Thermochronometric Investigation of the Thermal History and Maturation of Paleozoic strata of the Western Desert II and III, Egypt. \$91,712.
- 2013 Various UT Chron Laboratory Contracts 2012/2013 (<\$30k academia/industry) totaling \$391,737.
- 2013 *UT JSG Seed Grant*. Detrital geo- and thermochronometry of the Lower Miocene in the GOM, \$9,000.
- 2012 *ExxonMobil*. Tectonic, temporal, and thermal evolution of hyper-extended continental margins, with the focus on the Alpine-North Atlantic system and application to analog extensional systems in the Central, South and Equatorial Atlantic. \$200,000.
- 2012 *ExxonMobil*. Depositional and Deformational History of the Zagros Fold-Thrust Belt and Foreland Basin, Kirkuk Embayment, Iraqi Kurdistan. \$845,409.

- 2012 *DOE Geothermal Technologies Program*. Novel Coupled Thermochronometric and Geochemical Investigation of Blind Geothermal Resources in Fault- Controlled Dilational Corners. \$845,409.
- 2010 *Ecopetrol-ICP Contract*: Low-temperature thermochronological and neotectonic constraints from the Middle Magdalena Valley, Llanos basin, and Eastern Cordillera of Colombia (Phase 3). \$616,635.
- 2010 *Apache Egypt*. Thermochronometric Investigation of the Thermal History and Maturation of Paleozoic strata of the Western Desert, Egypt. \$149,972.
- 2009 *NSF Tectonics*. Collaborative Research: Timing, extent, and spatial progression of Neogene displacement transfer, southern Walker Lane, western Great Basin. \$193,313.
- 2009 *DOE Geothermal Technologies Program*. Detachment faulting and Geothermal Resources – An Innovative Integrated Geological and Geophysical Investigation of Pearl Hot Spring, Nevada. \$4,242,519 (including \$1,943,282 in external industry cost-share).
- 2009 *DOD Geothermal Program Office*. Geological investigations, eastern Lava Mountains, Almond Mountain, and southern Slate Range, NAWS China Lake, CA. \$780,000 (phase I and II). . (co-PI with J.D. Walker as lead PI)
- 2009 *Remora Oil Contract*. Detrital (U-Th)/He thermochronometry of the Llanos foreland basin, Colombia. \$98,000.
- 2009 *NSF Instrumentation and Facilities*. Upgrade of the Laser Heating System for the (U-Th)/He laboratory at the University of Kansas. \$76,500.
- 2008 *Ecopetrol-ICP Contract*: Low-temperature thermochronological and neotectonic constraints from the Middle Magdalena Valley, Llanos basin, and Eastern Cordillera of Colombia (Phase 2). \$817,000.
- 2008 *Ecopetrol Contract*: Low-temperature thermochronological and neotectonic constraints from the Middle Magdalena Valley, Llanos basin, and Eastern Cordillera of Colombia (Phase 1). \$110,000.
- 2008 *Hocol S.A. Contract*: Servicio en analisis de thermochronologi de baja temperature (U-Th/He en la Cordillera Oriental (Low-Temperature (U-Th)/He Thermochronometric Analyses in Eastern Cordillera, Colombia). \$50,000.
- 2008 *National Geographic Society*. Dating Zircon Survivors in Multi-cycle Arc Volcanoes: a new Tool for Predicting Long-term Magmatic Periodicity? Co-PI with Axel Schmitt (UCLA), \$17,400.
- 2008 *NSF Tectonics*. Collaborative Research: Development of extensional systems in regions of hot, thick crust: Insight from Tibet. \$154,019 (co-PI with M. Taylor)
- 2007 *NSF Petrology and Geochemistry*. Magnetite (U-Th-Sm)/He Geochronology - A Novel Technique for Dating Continental and Oceanic Basalts. \$200,036.
- 2007 *Navy Geothermal Program*. Thermochronometric Constraints on the Connection between Advection of Heat through Faulting and Nature of Geothermal Resource for the Hawthorne/Wassuk Range area, Nevada, \$134,000.
- 2007 *NSF Tectonics*. Timing and Kinematics of Cenozoic of E-W Extension in Central Tibet Transition in the Strain Field of the Tibetan Plateau. Supplement \$21,042.
- 2006 *Apache Egypt Oil Contract*. Thermochronometric Investigation of the SOKAR-1X Unconformity. \$69,523.
- 2006 *NSF EarthScope*. 2006 GeoFrame Walker Lane initiative workshop proposal. \$29, 814.
- 2005 *NSF Petrology and Geochemistry*. Development and calibration of rutile (U-Th)/He geo-and thermochronometry. \$ 174,122.
- 2005 *NSF Instrumentation and Facilities*. Technician Support: (U-Th)/He laboratory at the University of Kansas [Phase I]. \$203,374.
- 2005 *KU General Research Fund Grant*. Timing of ancient earthquakes by radiometric dating of frictional seismic melts – Development of zircon (U-Th)/He dating of pseudotachylites. \$7,588.
- 2004 *NSF Tectonics*. Collaborative Research: Collaborative Research: Exhumation of the Colorado Plateau--spatial and temporal distribution and implications for landscape evolution. \$118,818.

- 2004 *Geo-83 Geothermal Consortium*. Late Neogene structural and volcanic evolution of the northern Fish Lake Valley pull-apart basin, Esmeralda County, Nevada. \$21,923.
- 2003 *NSF MARGINS*. Collaborative Research: Integrated thermochronological & structural investigation of the Saudi Arabian Red Sea rift margin: Implications for the rupturing of continental lithosphere. \$189,287.
- 2003 *NSF Tectonics*. Timing and Kinematics of Cenozoic of E-W Extension in central Tibet Important Transition in the Strain Field of the Tibetan Plateau. \$229,909.
- 2003 *Colorado College faculty grant*. (U-Th)/He thermochronometric constraints on the Neogene exhumation of the Front Ranges, Colorado. E. Leonard (Colorado College). \$2,000 subcontract to Stockli.
- 2003 *ACS PRF TYPE B*. Thermochronological Evolution and Timing of Extension in the Hinterland of the Sevier Orogenic Belt, Northeastern Nevada. A. McGrew (University of Dayton). \$6,000 subcontract to Stockli.
- 2002 *KU NFGRF*. Timing and Kinematics of Cenozoic E-W Extension in central Tibet- Transition in the Strain Field of the Tibetan Plateau. Award Amount: \$10,000.
- 2002 *NSF Tectonics*. Collaborative Research: Late Cenozoic to Recent Fault Slip Distribution in the Central Walker Lane Belt, Western Nevada. Award Amount: \$162,961.
- 2001 *NSF Tectonics*. Collaborative Research: Late Cenozoic Detachment Faulting in the Western Salton Trough: Strain Partitioning in an Oblique Active-Margin Rift. B. Dorsey (PI, University of Oregon) and others (3). \$6,000 subcontract to Stockli.
- 2000 *NSF Tectonics*. Strain Partitioning During the Early Stages of Continental Collision: Uplift of the Alborz Mountains, Northern Iran. Grant to G. Axen (UCLA). \$15,000 subcontract to Stockli/Farley (Caltech).
- 2000 *NSF Tectonics*. Inverse and Forward Modeling of the Utah System of Colorado Plateau Basement-Cored Uplifts. G. Davis (Univ of Arizona). \$15,000 subcontract to Stockli/Farley (Caltech).
- 1999 *NSF Instrumentation and Facilities*, Setup of (U-Th)/He laboratory at Stanford University. M. McWilliams (Stanford University). Stockli as primary co-author.
- 1997 *NSF Tectonics*. Structural and thermal evolution of the Northern Basin and Range - Sierra Nevada transition zone. E. L. Miller (Stanford University). Stockli as primary co-author.

Professional Service:

Professional Activities:

- 2019- GSA Student Research Grant Review Committee, Member
- 2018 GSA International Committee, Member
- 2018- International Thermochronology Standing Committee, Member
- 2013-15 GSA Structure and Tectonics Career Award (chair and member)
- 2013-15 Editorial Board Lithosphere
- 2008-10 NSF Margins initiative steering committee member
- 2008 Scientific Program Committee member 11th Int. conference on thermochronometry
- 2007 Convener for GeoEarthScope-MARGINS interface workshop, Monterey, California
- 2006 Advisory committee to ISES (Integrated Solid Earth Sciences) imitative
- 2006 Chair of EarthScope GeoSwath Walker Lane EarthScope initiative
- 2006 Organization of EarthScope GeoSwath Walker Lane workshop, Reno
- 2005 NSF workshop participant: Paleoelevation and paleoaltimetry, Lehigh University
- 2005 GAC-MAC Short Course Speaker, Halifax, Canada
- 2005 GSA Penrose conference co-organizer with J. Lee (Central Washington University), C. Henry (Univ. Nevada Reno), and T. Dixon (Miami University). Kinematics and geodynamics of intra-plate dextral shear in eastern California and western Nevada. Mammoth Lakes, California,
- 2003 Integrated Solid Earth Sciences workshop (invited forum leader - geochronology)

- 2003 NSF-NAGT workshop participant: Teaching Petrology in the 21st Century
- 2003 American Association of Petroleum Geologists Meeting, Session Organizer
- 2002 Integrated Solid Earth Sciences Cyberinfrastructure workshop at the University of Kansas, Spearheading database development for Geochronology and Thermochronology.

Reviewer of Manuscripts for:

American Journal of Science, Chemical Geology, Earth and Planetary Sciences Letters, Geological Society of America Bulletin, Geological Society of America Special Papers, Geology, Geophysical Journal International, Geochimica et Cosmochimica Acta, G^3 , Reviews in Mineralogy and Geochemistry, Tectonics, Geosphere.

Reviewer of Proposals to:

National Science Foundation (Tectonics, EarthScope, Geophysics, Geology and Paleontology, Petrology and Geochemistry, Research in Undergraduate Institutions Activity (RUI), Instrumentation and Facilities, Continental Dynamics Program), American Chemical Society - Petroleum Research Fund, NERC (UK), German National Science Foundation, Austrian National Science Foundation, Israeli National Science Foundation.

Field Trip Leader:

- 2019 Leader of DGS Tectonics trip to Morocco (2 weeks)
- 2018 Expedition Co-leader Verkhoyansk Fold-and-Thrust Belt Traverse (3 weeks)
- 2018 Co-leader UT Field Trip Romania (1 week)
- 2015 Expedition Co-Leader to Zabargad Island, Red Sea (1 week)
- 2015 Co-leader Advance Structure Field trip to Big Bend
- 2014 Co-leader of UT Tectonics field trip to NW Ireland (1 week)
- 2014 UT Geology Honors Program field trip to Colorado Plateau (1 week)
- 2013 Industry field trip to the Gulf of Suez (1 week)
- 2013 UT Tectonics field trip to Attica and Cycladic Islands, Greece (2 weeks)
- 2012 UT Tectonics field trip to Lower Colorado River Extensional Complex (1 weeks)
- 2011 UT field trip to Sevier F&T belt and foreland basin (co-leader with Dr. B. Horton) (2 weeks)
- 2010 Swiss Alps Study Tour (co-leader with Dr. P. Selden) (2 weeks)
- 2001- KU Advanced field camp (incl. weekend field trip) (3 weeks)
- 2009 KU Geology field trip to southern Utah (co-leader with Dr. D. Kamola)
- 2008 KU Petrology field trip to California (Sierra Nevada to Franciscan)
- 2007 KU Mineralogy field trip to Kansas kimberlites
- 2006 KU Geology field trip to southern Utah (co-leader with Dr. D. Kamola)
- 2006 KU Geology field trip to eastern California (co-leader with Dr. A. Walton)
- 2005 Field Trip– Geological Society of America Penrose Conference - Kinematics and Geodynamics of Intraplate Dextral Shear in Eastern California and Western Nevada (co-leader with Dr. J. Lee)
- 2004 KU Geology field trip to central Utah (co-leader with Dr. D. Kamola)
- 2004 KU Microstructure field trip to Whipple Mountains, CA
- 2003 KU Geology field trip to Lake Superior Province (co-leader with Dr. W. R. Van Schmus)
- 2003 KU Petrology field trip to SE Missouri
- 2002 KU Geology field trip to southern Utah (co-leader with Dr. D. Kamola)
- 2001 KU Petrology field trip to SE Missouri
- 2001 Caltech postdoctoral scholars field trip to the Whipple Mountains, CA
- 2000 Caltech postdoctoral scholars field trip to Owens Valley, CA
- 1999 Stanford Alpine Project field trip to New Zealand
- 1998 University of Muenster field trip to Franciscan Complex, CA
- 1997 Stanford Alpine Project field trip to South Africa

University Service:

University and JSG Service:

2020- Member University of Texas Faculty Council
2020 Member Plates4D JSG Postdoc Search Committee
2019 University of Texas Cluster & Interdisciplinary Hiring Initiative Review Committee
2018 University of Texas MRI Review Committee, Member
2018 Member Petrography Researcher Search Committee (BEG)
2014-2017 Member Jackson School of Geosciences Strategic Planning Committee
2108 QCL BEG Search Committee (Petrographer)
2016 QCL BEG Search Committee (QCL Research Scientist)
2011-2017 Chair of Jackson School Solid Earth and Tectonic Processes Research Theme
2008-2011 Chair of Provost's Tracking of Learning Initiative (College of Liberal Arts and Sciences)
2006-2010 Member of Academic Misconduct Panel KU College of Liberal Arts
2006-2008 Instructor of Honors Program Freshman Tutorials
2005-2007 KU Athletics Dept. Scholarship Appeals Board
2001-2010 Guest lecturer in Mineral Symmetry for School of Fine Arts

DGS Departmental Service:

2020 Chair DGS COVID-19 Online Instruction Committee
20219- Chair DGS Award Committee
2019 Chair Promotion and Tenure Committee (Lavier)
2019 Member Geophysics Faculty Search Committee
2017 Member Endowed Professor Structure & Tectonics Search Committee
2017 Member of DGS Post-Tenure Evaluation Committee
2017 Member ad-hoc Tech Support and IDC Return Committee
2016 Member of External and Internal DGS Chair Search Committee
2015-16 Member Dept. of Geological Sciences Strategic Planning Committee
2014-15 Chair Annual Faculty Performance Evaluation Committee
2013 Chair Promotion and Tenure Committee (Ketcham)
2011- Organization of Prospective Student Weekend (Solid Earth and Tectonic Processes)
2011-2013 Jackson School Endowment Committee (Alternate)
2011- Structure and Tectonics Discipline Curriculum Committee
2011- Geochemistry and Geo- and Thermochronology Discipline Curriculum Committee
2011-2104 Member of UT Jackson School Admission Committee
2010-2011 Member of KU Internal Dept Review
2009-2011 Chairman, KU Geology Graduate Admission
2006-2007 Chairman, KU Search Committee – Geochronology
2006-2008 KU Dept. of Geology Honors Program Coordinator
2006-2009 KU Dept. of Geology Webmaster
2004-2010 KU Dept. of Geology Graduate Admissions Committee (Chair and Member)
2004-2006 Organizer of KU Dept. Colloquium Series
2003-2004 Member, KU Search Committee - Neotectonics
2003-2004 Chairman, KU Search Committee – Thermochronology Research Associate
2003-2010 Member, KU Associates Board Student-Alumni Relations Faculty Subcommittee
2001-2002 Member, KU Search Committee - Geophysics
2002-2004 Member, KU Graduate Studies Committee
2002-2009 Organizer and Convener of G-Hawk Symposium Student Symposium
2002-2010 Member, KU Field Camp Committee
2001-2003 Member, KU Graduate Studies Committee
2001-2003 Member, Geology Web Site Committee

Publications and Presentations

*Refereed Publications: (*indicates graduate advisee, **postdoctoral advisee) – updated July 2020*

H-factor: 56 (44 since 2015); Total Citations: 10650 (6862 since 2015) based on Google Scholar

- Stockli D.F. and Najman, Y.M.R., 2020, Detrital Thermochronometry – Recorder of the Earth’s Dynamic Past. Element, in press (invited)
- Pujols, E. J.* , Stockli, D. F., Constenius, K. N., & Horton, B. K. (2020). Thermochronological and geochronological constraints on Late Cretaceous unroofing and proximal sedimentation in the Sevier orogenic belt, Utah. *Tectonics*, 39
- Goldsmith, A.S.* , Ketcham, R.A. and Stockli, D.F., 2020. Simulating effects of heterogeneous 4He concentration profiles and radiation damage annealing on whole-grain zircon diffusivity analyses. *Geochimica et Cosmochimica Acta*
- Brennan, C.J.* , Stockli, D.F. and Patterson, D.B., 2020. Zircon 4He/3He fractional loss step-heating and characterization of parent nuclide distribution. *Chemical Geology*, p. 119692
- Thomson, K.D.* , Stockli, D.F., Odlum, M.L.* , Tolentino, P., Puigdefàbregas, C., Clark, J. and Fildani, A., 2020. Sediment provenance and routing evolution in the Late Cretaceous–Eocene Ager Basin, south-central Pyrenees, Spain. *Basin Research*, 32(3), pp.485-504
- Cooperdock, E.H.G.* , Stockli, D.F., Kelemen, P.B., and De Obeso, J.C., 2020, Timing of Magnetite Growth Associated With Peridotite-Hosted Carbonate Veins in the SE Samail Ophiolite, Wadi Fins, Oman. *Journal of Geophysical Research Solid Earth*
- Odlum, M.L.* and Stockli, D.F., 2020. Geochronologic constraints on deformation and metasomatism along an exhumed mylonitic shear zone using apatite U-Pb, geochemistry, and microtextural analysis. *Earth and Planetary Science Letters*, 538, p. 116177
- Ribes, C., Ghienne, J., Manatschal, G., Dall’Asta, N., Stockli, D.F., Galster, F.** , Gillard, M., and Karner, G.D., 2020, The Grès Singuliers of the Mont Blanc region (France and Switzerland): stratigraphic response to rifting and crustal necking in the Alpine Tethys. *International Journal of Earth Sciences*
- Kounov, A., Seward, D., Burg, J.P., Stockli, D. and Wüthrich, E., 2020. Cenozoic thermal evolution of the Central Rhodope Metamorphic Complex (Southern Bulgaria). *International Journal of Earth Sciences*
- Pindell, J., Molina-Garza, R., Villagomez, D., Martens, U., Graham, R., Stockli, D., Weber, B., and Sierra-Rojas, M.I., 2020, Provenance of the Miocene Nanchital Conglomerate, western Chiapas Foldbelt, Mexico: implications for reservoir sands in the Sureste Basin, greater Campeche Province. *Geological Society of London, Special Publications*, 504
- Snedden, J., Stockli, D.F., and Norton, I.O., 2020, Palaeogeographical reconstruction and provenance of Oxfordian aeolian sandstone reservoirs in Mexico offshore areas: comparison to the Norphlet aeolian system of the northern Gulf of Mexico. *Geological Society of London, Special Publications*, 504
- Gray, G.G., Villagomez, D., Pindell, J., Molina-Garza, R., O’Sullivan, P., Stockli, D., Farrel, W., Blank, D., and Schuba, J., 2020, Late Mesozoic and Cenozoic Thermo-Tectonic History of Eastern, Central and Southern Mexico as Determined Through Integrated Thermochronology, with Implications for Sediment Delivery to the Gulf of Mexico. *Geological Society of London, Special Publications*, 504
- Oesterle, J.E., Stockli, D., Seward, D., Little T.A., 2020, Dating of young (<1 Ma) tephra: Using U-Pb (zircon) and (U-Th[-Sm])/He (zircon, apatite, magnetite) chronometers to unravel the eruption age of a tephra in the Woodlark Rift of Papua New Guinea. *Terra Nova*
- Oesterle, J.E., Little, T.A., Seward, D., Stockli, D.F. and Gamble, J., 2020. The petrology, geochronology and tectono-magmatic setting of igneous rocks in the Suckling-Dayman metamorphic core complex, Papua New Guinea. *Gondwana Research*
- Seymour, N.M., Singleton, J.S., Mavor, S.P., Gomila, R., Stockli, D.F., Heuser, G. and Arancibia, G., 2020. The relationship between magmatism and deformation along the intra-arc strike-slip Atacama fault system, northern Chile. *Tectonics*, 39(3), 2019TC005702.

- Bosworth, W., Khalil, S. M., Ligi, M., Stockli, D.F., and K. R. McClay, 2019, Geology of Egypt: The Northern Red Sea. The Geology of Egypt, chapter 9: pages 343-374; Springer Nature Switzerland., ISBN: 978-3-030-15264-2, DOI:10.1007/978-3-030-15265-9_9
- Rasmussen, C.** , Stockli, D.F., Erickson, T.M. and Schmiieder, M., 2020. Spatial U–Pb age distribution in shock-recrystallized zircon—a case study from the Rochechouart impact structure, France. *Geochimica et Cosmochimica Acta*.
- Hughes, N.C., Myrow, P.M., Ghazi, S., McKenzie, N.R., Stockli, D.F. and DiPietro, J.A., 2020. Cambrian geology of the Salt Range of Pakistan: Linking the Himalayan margin to the Indian craton: Reply. *Bulletin*, 132(1-2), pp.446-448.
- Atwater, A.L., Thomson, K.D.* , Kirk, E.C., Emery-Wetherell, M., Wetherell, L. and Stockli, D.F., 2020. Geochronology of the middle Eocene Purple Bench locality (Devil’s Graveyard Formation), Trans-Pecos Texas, USA. *Paleontologia Electronica*, 23(1).
- Bosworth, W., Lučić, D. and Stockli, D.F., 2020. North Africa Phanerozoic. *Encyclopedia of Geology*
- Mavor, S. P., Singleton, J. S., Gomila, R., Heuser, G., Seymour, N. M., Williams, S. A., and Stockli, D.F., 2020, Timing, kinematics, and displacement of the Taltal fault system, northern Chile: Implications for the Cretaceous tectonic evolution of the Andean margin. *Tectonics*, 39, e2019TC005832.
- Bande, A., Boll, A., Fuentes, F., Horton, B.K. and Stockli, D.F., 2020. Thermochronological Constraints on the Exhumation of the Malargüe Fold-Thrust Belt, Southern Central Andes. In *Opening and Closure of the Neuquén Basin in the Southern Andes* (pp. 371-396). Springer, Cham.
- Mackaman-Lofland, C., Horton, B.K., Fuentes, F., Constenius, K.N., Ketcham, R.A., Capaldi, T.N., Stockli, D.F., Ammirati, J.B., Alvarado, P. and Orozco, P., 2020. Andean Mountain Building and Foreland Basin Evolution During Thin-and Thick-Skinned Neogene Deformation (32–33° S). *Tectonics*, 39(3)
- Soto-Kerans, G.M.* , Stockli, D.F., Janson, X., Lawton, T.F., and Covault, J.A., 2020. Orogen proximal sedimentation in the Permian foreland basin. *Geosphere*
- Najman, Y., Sobel, E.R., Millar, I., Stockli, D.F., Govin, G., Lisker, F., Garzanti, E., Limonta, M., Vezzoli, G., Copley, A. and Zhang, P., 2020. The exhumation of the Indo-Burman Ranges, Myanmar. *Earth and Planetary Science Letters*, 530, p. 115948.
- Bosworth W., Khalil S.M., Ligi M., Stockli D.F., McClay K.R., 2020, Geology of Egypt: The Northern Red Sea. In: Hamimi Z., El-Barkooky A., Martínez Frías J., Fritz H., Abd El-Rahman Y. (eds) *The Geology of Egypt. Regional Geology Reviews*. Springer
- Ruthven, R., Singleton, J., Seymour, N., Gomila, R., Arancibia, G., Stockli, D.F., Ridley, J. and Magloughlin, J., 2020. The geometry, kinematics, and timing of deformation along the southern segment of the Paposo fault zone, Atacama fault system, northern Chile. *Journal of South American Earth Sciences*, 97, p. 102355.
- Zhao, R., Zhang, J., Zhou, C., Zhang, Z., Chen, S., Stockli, D.F., Olariu, C., Steel, R. and Wang, H., 2019. Tectonic evolution of Tianshan-Bogda-Kelameili mountains, clastic wedge basin infill and chronostratigraphic divisions in the source-to-sink systems of Permian-Jurassic, southern Junggar Basin. *Marine and Petroleum Geology*, p. 104200.
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Guidebooks:

- Lee, J., Stockli, D.F., Schroeder, J., Tincher, C.R.,* Bradley, D.* and Owen, L., 2005, Fault Slip Transfer In The Eastern California Shear Zone/Walker Lane Belt. Field Trip Guide – Geological Society

of America Penrose Conference - Kinematics and Geodynamics of Intraplate Dextral Shear in Eastern California and Western Nevada.

Invited Lectures and Short Courses:

- 2019 TOTAL SA in Houston, TX
- 2018 RAUMG Meeting, Puerto Vallarta
- 2018 NOR-R-AM Short Course, UNIS Svalbard
- 2018 IOPD 364 Chicxulub Meeting, Merida, Yucatan
- 2018 University of Alabama, Tuscaloosa
- 2018 Tectonic Analysis Sponsor Meeting in Houston
- 2018 BEG-QCL Sponsors Meeting (2 presentations)
- 2018 Tectonic Analysis Sponsor Meeting in Houston
- 2017 BEG-QCL Sponsors Meeting (2 presentations)
- 2017 University of Oslo, Norway
- 2017 Universite de Nancy, France
- 2016 Stanford University, Dept. Seminar and Student Brown Bag
- 2016 University of Texas at San Antonio, San Antonio
- 2016 BEG-QCL Sponsors Meeting (2 presentations)
- 2016 Tectonic Analysis Sponsor Meeting in Houston
- 2016 Invited Lectures on GOM Provenance at Exxon, Chevron, and Statoil
- 2015 Texas A&M University, College Station,
- 2014 University of Houston, Houston, October 24, 2014
- 2014 International Thermochronology Conference, Panelist, September 14, 2014
- 2014 University of Texas at Dallas, Richardson, April 24, 2014
- 2014 UNAM Short Course, Juriquilla, Mexico, March 3-4, 2014
- 2014 UNAM Queretaro Colloquium, Juriquilla, Mexico, March 5, 2014
- 2014 iPGST Seminar UT, Austin, February 25, 2014
- 2013 University of Lausanne Colloquium, Lausanne Switzerland, Oct. 21, 2013.
- 2013 Statoil RDI seminar, Austin, TX, Oct. 10, 2013.
- 2013 Chevron “Sand Bar” seminar, Houston, TX, Oct. 8, 2013.
- 2013 Texas A&M Geology Colloquium and Brown Bag, College Station, TX, Sept. 27.
- 2013 Austin Geological Society Seminar, Austin, TX, Oct. 7, 2013.
- 2013 2-Day Short Course on Thermochronometry at China University of Petroleum in Beijing, China, Sept. 19-20, 2013.
- 2013 ConocoPhillips Basins and Technology Groups seminar, Houston, TX, May 30, 2013.
- 2013 IEEE Seminar, New Ma’adi, Cairo, Egypt, June 24, 2013.
- 2013 Presentations (2) at DoE Geothermal Peer Review Meeting, Denver, CO, April 22-24, 2013.
- 2013 Chesapeake seminar “Detrital Geo- and Thermochronometry”, Edmond, OK, April 12, 2013.
- 2013 University of Oklahoma Geosciences Colloquium, April 11, 2013.
- 2012 iPGST Seminar
- 2012 Pyrenees TSG Meeting (keynote), St. Martin d’Arose, France, Oct. 4, 2012.
- 2012 Goldschmidt Conference (invited), Montreal, Canada, June 26, 2012.
- 2013 Presentations (2) at DoE Geothermal Peer Review Meeting, Denver, CO, May 8-9, 2012.
- 2012 Thermochronometry and Geothermal Resources, SMU, February, 2012.
- 2011 Modern Approaches to Detrital Thermochronometry, UTIG Seminar, November 2011
- 2011 New Trends and Applications of High-Resolution Detrital Thermochronometry, ExxonMobil.
- 2010 New Avenues in Tectonic Thermochronometry, Univ. of Southern California.
- 2009 (U-Th)/He Thermochronometry and its application to extensional tectonics. University of Lausanne.
- 2008 New Advances in low- to moderate temperature thermochronometry, University of Iowa.

- 2008 Thermochronology Short Course, Ecoceptrol-ICP, Bucaramanga, Colombia
- 2008 New Perspectives and Trends in Thermochronology and Hydrocarbon Exploration, Society of Colombian Petroleum Geologists and the Industrial University of Santander, Bucaramanga.
- 2008 Thermochronology Short Course, University of Puerto Rico, Mayaguez.
- 2007 New Departures in Low-Temperature Thermochronology, Geological Society of Austria and University of Vienna, Vienna, Austria.
- 2007 (U-Th)/He Dating – Beyond Apatite, Geneva University, Geneva, Switzerland.
- 2007 Tertiary Collisional Tectonics in Iran (Alborz and Zagros) – A Thermochronometric Perspective, ETHZ Zurich Geology, Zurich, Switzerland.
- 2007 (U-Th)/He Dating of Silicates and Oxides, ETHZ Zurich Isotope Geochemistry, Zurich, Switzerland.
- 2007 Tertiary Transition from Intra-Arc Extension to Continent-Continent Collision in Iran. Potsdam University, Potsdam, Germany.
- 2007 (U-Th)/He Dating – Beyond Apatite, Potsdam University, Potsdam, Germany.
- 2007 (U-Th)/He Thermochronology. University of Lausanne and Swiss Ph.D. course program, Lausanne, Switzerland. Three-Day Short Course
- 2007 Heidelberg University, Heidelberg, Germany.
- 2007 Low-Angle Normal Faults – A Thermochronological Perspective. Keynote address, Penrose conference, Naxos, Greece.
- 2007 Tertiary Transition from Intra-Arc Extension to Continent-Continent Collision in Iran. University of Missouri, Columbia.

Advisors:

M.S. advisors: N. Mancktelow, D. Seward (ETH-Zurich)
 Ph.D. advisors; E. Miller, T. Dumitru (Stanford University)
 Post-doctoral mentor: K. Farley (Caltech)

Graduate Students and Post-Doctoral Associates Supervised

- Juan Pablo Centeno - M.S. (2004, KU). Thesis: “Exhumation of the Torngat Mountains, northern Labrador, Canada”.
- David Bradley - M.S. (2005, KU). Thesis: “Kinematics and slip rates of the Coaldale Fault, Nevada”.
- Christopher Tincher - M.S. (2005, KU). Thesis: “Cenozoic Volcanism and Tectonics in the Queen Valley Area, western Nevada”.
- Terrence Blackburn - M.S. (2006, KU). Thesis: “(U-Th)/He Dating of Xenoliths from Kimberlites and basaltic volcanic fields”.
- John Lee - M.S. (2007, KU). Thesis: “Thermochronometric constraints on the incision history of the Grand Canyon from borehole and surface samples”.
- Melissa Wolfe - M.S. (2009, KU). Thesis: “He Diffusion in Rutile and Calibration of Rutile (U-Th)/He Thermochronology on the KTB Ultra-Deep Borehole”.
- Markella Hoffman - M.S. (2009, KU). Thesis: “Incision and exhumation history of the Colorado Plateau in the Canyonlands to Book Cliffs Region, Utah”.
- Travis Glauser - M.S. (2009, KU). Thesis: “Thermochronometric investigation of multiple unconformities and post-depositional thermal history of a fault block in the northern Western Desert, Egypt”.
- Evan Bargnesi – M.S. (2011, KU). Thesis: “Thermochronometric constraints on detrital provenance and source thermal evolution from a supra-detachment basin in Paros, Greece.”
- Edgardo Pujols – M.S. (2011, KU). Thesis: “Structural evolution and timing of extensional faulting in the central Gulf of Suez, Egypt.”
- Kyle Gorynski – M.S. (2011, KU). Thesis: “Thermochronometric Constraints on the Longevity of a Geothermal System in an Extensional Tectonic Setting”.

- Sarah Evans – M.S. (2011, KU). Thesis: “Tectonic evolution of a Tethyan rift marine and ocean-continent transition in the Eastern Alps – An integrated magnetite and zircon (U-Th)/He thermochronometric approach”.
- Kurt Sundell – M.S. (2011, KU). Thesis: “Thermochronology of the Lunggar active metamorphic core complex, Tibet”.
- Jordan Leigh Taylor – M.S. (2012, KU). Thesis: “Magnetite (U-Th-[Sm])/He geochronology of Colombia River Basalts”.
- Joseph Miller – M.S. (2012, KU). Thesis: “Detrital (U-Th)/He and U-Pb dating of the northern Alpine Flysch and Molasse, central Switzerland”.
- Caleb Rhatigan, – M.S. (2013, UT). Thesis: “Magnetite (U-Th-[Sm])/He geochronology of Colombia River Basalts”.
- Eugene Szemanski – Ph.D. (2013, KU). Thesis: “Structural and sedimentological evolution of the Wadi Al-Hamd half-graben, Medina, Kingdom of Saudi Arabia”.
- Joshua Burrus – M.S. (2013, UT). Thesis: "Integrated footwall and hanging wall tectonics and stratigraphic evolution of the Weepah Metamorphic Core Complex, Nevada."
- Chris Hager – Ph.D. (2014, KU). Thesis: “Structural Geology and Neotectonics of the Xianza Rift, Central Tibet”.
- Yomayra Roman – M.S. (2014, UPRM). Thesis: “Thermochronometric insights into the tectonic and thermal evolution of Puerto Rico” (co-advised with A. Covise at UPRM)
- Tim Shin – M.S. (2014, UT). Thesis: "Contractional and extensional evolution of the Aegean tectono-metamorphic complex in Andros and Tinos islands, Greece."
- Tandis Bidgoli – Ph.D. (2014, KU). Thesis: “Temporal and kinematic reconstruction of middle Miocene extension and transition to Mio-Pliocene transtension in the Las Vegas area.” (co-advised with J.D. Walker at KU).
- Nicole Hart – M.S. (2014, UT). Thesis: "Coupled bedrock and detrital thermochronometry of a hyper-extended continental margin, Mauleon, Pyrenees."
- Alison MacNamee – M.S. (2014, UT). Thesis: "Coupled Thermochronometric and Geochemical Investigation of Blind Geothermal Resources in Fault-Controlled Dilational Corners, Dixie Valley, Nevada."
- Micheal Cloos – M.S. (2014, UT). Thesis: “Sedimentary and provenance evolution of the Plio-Pleistocene Colorado River Delta, California” (co-advised with R. Steel)
- Nikki Seymour – M.S. (2015, UT). Thesis: “Lower-crustal syn-rift exhumation at a hyper-extended continental margin – a case study in NE Corsica, France”
- Daniel Arnost – M.S. (2015, UT). Thesis: "Impact of meteoric fluid flow on the long-term thermal evolution - insights from Alpine tunnels studies."
- Cody Colleps – M.S. (2016, UT). Thesis: “Integrated structural and stratigraphic study of the frontal Himalayas in NW India”
- Kelly Thomson – M.S. (2016, UT). Thesis: “Detrital U-Pb-He provenance investigation of the Ainsa Basin, Southern Pyrenees”
- Mike Prior – Ph.D. (2016, UT). Thesis: "Tectonic and thermal evolution of the Bullfrog Metamorphic Core Complex, Nevada"
- Spencer Seman – Ph.D. (2016, UT). Thesis: "Novel geo-and thermochronometric and petrologic insights into the evolution of HP rocks in the central Aegean, Greece"
- Renas Mohammed Koshnaw – Ph.D. (2016, UT). Thesis: “The Zagros fold-and-thrust belt and foreland basin of Kurdistan (Iraq)” (co-advised with B. Horton)
- Edgardo Josue Pujols – Ph.D. (2017, UT). Thesis: "Reconstruction of the interplay between the Sevier fold-and-thrust belt and the Sevier foreland basin, central Utah"
- Emily Cooperdock (Hernandez-Goldstein) – Ph.D. (2017, UT). Thesis: "Development of magnetite (U-Th)/He dating of serpentinites and its application of hyper-extended continental margins"

Steffi Wafforn – Ph.D. (2017, UT). Thesis: “Temporal and thermal evolution of the Grasberg Gold District of West Papua, Indonesia” (co-advised with M. Cloos)

Douglas Barber – Ph.D. (2018, UT). Thesis: “Tectonic and sediment provenance evolution of the NW Zagros in Kurdistan (Iraq) and SE Turkey”.

Patrick Body – M.S. (2017). Thesis: “Thermal evolution of the lower crust during continental rifting and breakup”.

Adam Goldsmith – Ph.D. (2018, UT). Thesis: "Influence of radiation damage on helium diffusion in zircon and its application to detrital thermochronometry"

John Lee – Ph.D. (2018, KU). Thesis: “Cenozoic erosion history and long-term landscape evolution of the central Sierra Nevada, California”. (co-advised with J.D. Walker at KU).

Megan Flansburg – M.S. (2018, UT). Thesis: “Cenozoic tectonic and thermal evolution of Ios Island – transition from subduction to back-arc extension”

Eirini Poulaki– M.S. (2018, UT). Thesis: “Tectonic evolution of the Cycladic Blueschist Unit – Basement contact in Sikinos, Greece”

Margo Odlum – Ph.D. (2019, UT). Thesis: “Laser ablation 4He/3He dating and concentration profile recovery - continuous thermal history reconstruction”

Clara, Brennan – M.S. (2019, UT). Thesis: “In-situ laser ablation and step-heating 4He/3He thermal history recovery”

Alissa Kotowski – Ph.D. (2019, UT). Thesis: “Structural, thermal, and rheological evolution during prograde metamorphism in the subduction channel – a field-oriented study in Syros, Greece” (co-advised with W. Behr)

Kelly Thomson – Ph.D. (2020, UT). Thesis: “Intra-unit variability and mixing of detrital zircon provenance studies in the modern and deep time”

Cullen Kortyna – Ph.D. (expected 2021, UT). Thesis: “Cenozoic provenance and drainage evolution of the NW Gulf of Mexico and SW Texas” (co-advised with J. Covault)

Samuel, Robbins – M.S. (expected 2020, UT). Thesis: “Thermal evolution of the distal and proximal hyperextended Egyptian Red Sea margin”

Zack Baril-Foster – Ph.D., (expected 2021, UT). Thesis: “Insights into tectonic and basin evolution of the US Atlantic rift margin from provenance data”

Catherine Ross – Ph.D. (expected 2022, UT). Thesis: “Differentiation of circum-GOM K-Pg ejecta and tsunami deposits - the days after Chicxulub” (co-advised with S. Gulick)

Daniel Ruiz – Ph.D. (expected 2022, UT). Thesis: “The role of Jurassic rift inheritance on shortening in the Mexican Fold and Thrust Belt, Southern and Eastern Mexico”

Gabriela Gutierrez – Ph.D. (expected 2022, UT). Thesis: “Variations in source to sink dynamics of the Gulf of Mexico during the Pleistocene and Holocene” (co-advised with J. Covault)

Megan Flansburg – M.S. (2022, UT). Thesis: “Cretaceous to Cenozoic tectonic and thermal evolution of the Mojave Colorado River extensional corridor, SE California”

Eirini Poulaki– Ph.D. (2022, UT). Thesis: “Tectonic and metamorphic evolution of the Internal Betics, S. Spain”

Stephanie Brichau, Ph.D. – Post-doctoral research associate (2004-2006)

Roman Kislitsyn, Ph.D. – Research associate and laboratory manager (2006-)

Bad’r Ghorbal, Ph.D. – Post-doctoral research associate (2009-2011)

Charles, Verdel, Ph.D. – Post-doctoral research associate (2010-2011)

Junsheng Nie, Ph.D. – Senior Research associate and (2011)

Shangquan Zhang, – Post-doctoral research associate (2010-2011)

Joe Andrew, Ph.D. – Post-doctoral research associate (2009)

Beate Mocek, Ph.D. – Research associate and laboratory manager (2009-2010)

Liz Cassel, Ph.D. – Post-doctoral research associate (2011-2013)

Andy Smye, Ph.D. – Post-doctoral research associate (2011-2015)

Owen Anfinson, Ph.D. – Post-doctoral research associate (2012-2015)
Ryan McKenzie, Ph.D. – Post-doctoral research associate (2013-2014)
Federico Galster, Ph.D. – Post-doctoral research associate (2015-2018)
Rudra Chatterjee, Ph.D., – Post-doctoral research associate (2017- 2021)

External Ph.D. Thesis Committee Member:

B. Guest (UCLA) – External Ph.D. thesis committee member
A. Aramovicz (University of Lausanne, Switzerland) - External Ph.D. thesis committee member
Y. Roman Colon (Univ of Puerto Rico, Mayaguez) – External M.S. thesis committee member
C. von Hagke (Free Univ Berlin/GFZ, Germany) - External Ph.D. thesis committee member
M. Sehart (Univ of Heidelberg, Germany) - External Ph.D. thesis committee member
J.-L. Antinao (Dalhousie Univ, Canada) - External Ph.D. thesis committee member
E. Kali (University of Strasbourg, France) - External Ph.D. thesis committee member
E. Juarez Arriaga (UNAM Queretaro, Mexico) - External Ph.D. thesis committee member
J. Oesterle (University of Wellington, NZ) - External Ph.D. thesis committee member
T. Sizemore (University of Alabama) – External M.S. thesis committee member

Undergraduate Student Research/Thesis Supervised:

Terrence Blackburn (2004). Senior Thesis: “Timing and origin of Kansas kimberlites”.
Nathan Winters (2004). Senior Thesis: “Basalt geochemistry of the Volcanic Hills area, Esmeralda County, Nevada”.
Kelly Wooten (2004). Senior Thesis: “Mesozoic magmatism and deformation in the northern White Mountains, CA and NV”.
James Lyons (2004). Senior Thesis: “Petrography and geochronology of lamprolites in Woodsen County, Kansas”.
Jack Desmond (2005). Senior Thesis: “Gravity and basin geometry of Queen Valley, California and Nevada”.
Mark Hadley (2005). Senior Thesis: “Gravity and basin geometry of Queen Valley, California and Nevada”.
Adam Kueker (2005). Senior Thesis: “Volcanic stratigraphy of Pliocene ash-flow tuffs in northern Fish Lake Valley, Nevada”.
Randy Ackerman (2006). Senior Thesis: “Zircon and titanite (U-Th)/He geochronology of Oligocene ash flow tuffs in northern Fish Lake Valley”
Alec Waggoner (2007). Senior Thesis: “Monazite, xenotime, and allanite (U-Th)/He thermochronometry – a case study from the NQTL core complex, Tibet”
Spencer Seaman (2009). Senior Thesis: “(U-Th)/He dating of conodonts – A case study from in the Northern Calcareous Alps, Austria”.
Josef Miller (2009). Senior Thesis: “Zircon (U-Th)/He dating of impact melts and suevites from the Manson impact, Iowa”.
Adam Goldsmith (2009). Senior Thesis: “(U-Th)/He dating and He diffusion of emerald from the Eastern Cordillera, Colombia”.
Cody Colleps (2013). Senior Thesis: “Zircon U-Pb geochronology of subsurface basement samples from the Western Desert, Egypt”.
Laura Dafov (2016). Senior Thesis: “DZ U-Pb as a monitor of sand generation in response to dams along the Colorado River of Texas”
Dylan Hart (2016). Senior Thesis: “DZ U-Pb record of the Jurassic syn-rift strata in the central Lusitania Basin, Portugal”
Edna Rodriguez (2016). Senior Thesis: “The Devils River Uplift – Rifted piece of Laurantia or slice of Gondwana?”

Samuel Robbins (2017). Senior Thesis: “Zircon U-Pb and He constraints on the Paleozoic and Mesozoic chronostratigraphy of the Gulf of Suez, Egypt”
Thomas Ditges (2019). Senior Thesis: “Provenance evolution of the Pennsylvanian Strawn Group in central Texas”
Patrica Standring (2019). Senior Thesis: “Thermal evolution of the Glarus Thrust Sheet, Switzerland”