

CURRICULUM VITAE - Daniel F. Stockli

Chair Dept. of Earth and Planetary Sciences
John F. and Carolyn C. Bookout Endowed Chair in Structural Geology
Director of UTChron Geo- & Thermochronology Laboratories
Department of Earth and Planetary Sciences, Jackson School of Geosciences
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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:

- 2021 – Chair, Dept. of Earth and Planetary Sciences 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:

- 2023 – John F and Carolyn C Bookout Chair in Structural Geology
- 2018 Jackson School Outstanding Researcher Award
- 2017 GSA Fellow
- 2014 – 2023 Chevron (Gulf) Centennial Professorship
- 2014 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, Russian (elementary)

Research and Professional Activities

Grants, Awards, and Major Contracts:

- 2023 *Saudi Aramco*. Chronostratigraphy and thermal history of Paleozoic strata below and above the Hercynian unconformity, Egypt. \$140,000.
- 2023 *Apache Egypt*. Chronostratigraphy and Provenance Evolution Reconstruction of the Western Desert, Egypt. \$240,000.
- 2022 *NSF Tectonics*: Collaborative Proposal: Rodingites as Recorders of Tectonic Processes from the Seafloor to Convergence: A case study of the Dun Mountain Ophiolite Belt. \$409,005 (UT) with Barnes (PI), Stockli (co-Pi)
- 2022 *Apache Egypt*. Chronostratigraphy and Provenance Evolution Reconstruction of the Western Desert Egypt. \$208,000.
- 2022 *Saudi Aramco*. Chronostratigraphy and thermal history of Paleozoic strata below and above the Hercynian unconformity, Egypt. \$80,000.
- 2021 *Apache Egypt*. Chronostratigraphy and Provenance Evolution Reconstruction of the Waha Platform, Egypt. \$108,000.
- 2021 *Saudi Aramco*. Provenance shift and exhumation across the Hercynian Unconformity in the subsurface of E Saudi Arabia. \$56,000
- 2020 *Norwegian INPART2*: 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)
- 2020 *Talos Mexico*. Detrital Zircon Geochronology. \$35,000
- 2020 *Apache Egypt*. Chronostratigraphy and Thermal Evolution Reconstruction of the North-East Rezak area, Egypt. \$172,300.
- 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 análisis de termocronología de baja temperatura (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:

- 2019-22 GSA Student Research Grant Review Committee, Member
- 2018-22 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) initiative
- 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, G³, 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:

- 2022 Leader of DGS Tectonics trip to Switzerland/Italy (2 weeks)
- 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:

- 2020-2022 Member University of Texas Faculty Council
- 2020-2022 Member University of Texas Faculty Council – Parking & Transportation subcommittee
- 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:

- 2021- Chair Dept. of Geological Sciences/Earth and Planetary Sciences
- 2020 Chair DGS COVID-19 Online Instruction Committee
- 2019-20 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

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| 2014-15 | Chair Annual Faculty Performance Evaluation Committee |
| 2013 | Chair Promotion and Tenure Committee (Ketcham) |
| 2011-2017 | Organization of Prospective Student Weekend (Solid Earth and Tectonic Processes) |
| 2011-2013 | Jackson School Endowment Committee (Alternate) |
| 2011-2016 | Structure and Tectonics Discipline Curriculum Committee |
| 2011-2016 | 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 Oct. 2023*

H-factor: 73 (57 since 2018); Total Citations: 18159 (11422 since 2018) based on Google Scholar

- Ascanio-Pellon, P.*, Stockli, D.F., Ruiz Arriaga, D.* and Stockli, L.D., 2023, Detrital zircon provenance study of siliciclastic strata in western and central Cuba: Implications for Caribbean tectonics. *GSA Bulletin*, in press.
- Kortyna, C.*, Stockli, D.F., Lawton, T.F., Covault, J., and Sharman, G., 2023, Impact of Border rift structural inheritance on Laramide rivers of the Tornillo basin, west Texas: Insights from detrital zircon provenance. *Geosphere* in press.
- Liu, L.***, Han, J., Pei, J., Stockli, D.F., You, L., Stockli, L.D., Zhang, J., Gong, C. and Zhu, D., 2023. Wide shelves as discriminators between hinterland tectonic and intra-basin rifting signals. *Earth and Planetary Science Letters*, 620, p.118347.
- Hinshaw, E.*, Stockli, D.F. and Soukis, K., 2023, Zircon and apatite U-Pb constraints on the tectonic affinity and metamorphic history of the blueschist-facies Ambelakia unit, Mt. Ossa, Greece. *Tectonics*, p.e2022TC007608.
- Poulaki, E.M.*, Stockli, D.F. and Shuck, B., 2023, Pre-subduction architecture controls coherent underplating during subduction and exhumation (Nevado-Filábride Complex, Southern Spain). *Geochemistry, Geophysics, Geosystems*, 24(3), p.e2022GC010802.
- Flansburg, M.E.*, Poulaki, E.M.*, Stockli, D.F. and Soukis, K., 2023, Coeval Miocene exhumation of the Cycladic Blueschist Unit and the Cycladic Basement in the southern Cyclades, Ios and Sikinos, Greece. *Terra Nova*, 35(2), pp.124-133.
- Mavor, S.P., Bennett, S.E., Crow, R.S., Singleton, J.S., Langenheim, V., Stockli, D., Stelten, M., Brickey Sr, T.A., Umhoefer, P.J. and Beard, L.S., 2023. Evolution of Miocene normal and dextral faulting in the lower Colorado River region near Blythe, California, USA. *Geosphere*, 19(5), pp.1180-1209.

- Foster-Baril, Z.S.* and Stockli, D.F., 2023. Detrital zircon and apatite U-Pb provenance and drainage evolution of the Newark Basin during progressive rifting and continental breakup along the Eastern North American Margin, USA. *Geosphere*, 19(5), pp.1452-1475.
- Gutiérrez, E.G.* and Stockli, D.F., 2023. Fluvial response to Late Pleistocene–Holocene climate change in the Colorado River drainage, central Texas, USA. *Geology*, 51(10), pp.929-934.
- Roigé, M. *, Gómez-Gras, D., Stockli, D.F., Teixell, A., Boya, S. and Poyatos-Moré, M., 2023. Recycling effects in detrital zircon U-Pb signatures in a foreland basin: Identifying the multicyclic sediment sources of the Eocene-Miocene Jaca basin (southern Pyrenees, Spain). *Sedimentary Geology*, p.106500.
- Rivera-García, J.J., Ramírez-Fernández, J.A., Velasco-Tapia, F., Salinas-Jasso, J.A., Orozco-Esquivel, M.T., Stockli, D.F., Leal-Cuellar, V.A. and Elizondo-Pacheco, L.A., 2023. Constraints on the origin of the Cenozoic intraplate Aldama volcanic field, Tamaulipas, NE México. *Journal of South American Earth Sciences*, 129, p.104508.
- Haproff, P.J., Levy, D.A., Zuza, A.V., Hooker, J.D., Heizler, M.T., Stockli, D.F. and Braza, M., 2023. Cenozoic kinematic histories of the Tidding and Lohit thrusts in the northern Indo-Burma Ranges: Implications for crustal thickening and exhumation of Gangdese lower arc crust along the Indus-Yarlung suture zone. *GSA Bulletin*, 135(7-8), pp.1967-1992.
- Do Amaral Santos, E.*, Jelinek, A.R., Stockli, D. and Genezine, F.A., 2023. Contrasting thermal histories in the Dom Feliciano Belt triggered by magmatism related to the Paraná-Etendeka LIP and fracture zone proximity. *Tectonophysics*, 857, p.229841.
- Gallen, S.F., Seymour, N.M., Glotzbach, C., Stockli, D.F. and O’Sullivan, P., 2023. Calabrian forearc uplift paced by slab–mantle interactions during subduction retreat. *Nature Geoscience*, pp.1-8.
- Palacios-García, N.B., Fitz-Díaz, E., Stockli, L.D. and Stockli, D.F., 2023. U–Pb calcite dating of brittle deformation in Permian carbonates within the Chicomuselo fold and thrust belt, SE Mexico. *Journal of Structural Geology*, 171, p.104863.
- Chandra, R., Kowser, N., Brookfield, M.E., Satyanarayanan, M. and Stockli, D.F., 2023. Nature of the Shyok (Northern) Suture Zone between India and Asia: petrology, geochemistry and origin of the Tirit granitoids and associated dykes (Nubra Valley Ladakh Himalaya, NW India). *Geological Magazine*, 160(5), pp.1020-1039.
- Segee-Wright, G., Barnes, J.D., Lassiter, J.C., Holmes, D.J., Beaudoin, G.M., Chatterjee, R., Stockli, D.F., Hoffmann, J.E. and John, T., 2023. Halogen enrichment in the North American lithospheric mantle from the dehydration of the Farallon plate. *Geochimica et Cosmochimica Acta*, 348, pp.187-205.
- Calle, A.Z., Horton, B.K., García, R., Anderson, R.B., Stockli, D.F., Flaig, P.P. and Long, S.P., 2023. Sediment dispersal and basin evolution during contrasting tectonic regimes along the western Gondwanan margin in the central Andes. *Journal of South American Earth Sciences*, 125, p.104286.
- Kyle, J.R., Stockli, D.F., McBride, E.F. and Elliott, B.A., 2023. Covering the Great Unconformity in southern Laurentia during Rodinia breakup: Detrital zircon studies of provenance evolution during Cambrian marine transgression (Llano Uplift, Texas). *GSA Bulletin*, 135(5-6), pp.1163-1177.
- Lee, J., Stockli, D.F. and Blythe, A.E., 2023. Cenozoic slip along the southern Sierra Nevada normal fault, California (USA): A long-lived stable western boundary of the Basin and Range. *Geosphere*.
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Guidebooks:

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Invited Lectures and Short Courses:

- 2020 4th AAPG/EAGE Meeting Dhahran, Saudi Arabia (virtual)
- 2020 University of Alaska Anchorage (remote)
- 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 Université 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, Ecoptrol-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: “Thermochronometric investigation of the Paleozoic stratigraphic and thermal evolution of the Western Desert, Egypt”.
- 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: "Thermo-tectonic record of hyperextension, structural inversion, and foreland basin evolution of the eastern and central Pyrenees"
- Clara, Brennan – M.S. (2019, UT). Thesis: "In-situ laser ablation and step-heating $4\text{He}/3\text{He}$ 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"
- Samuel, Robbins – M.S. (2021, UT). Thesis: "Thermal evolution of the distal and proximal hyperextended Egyptian Red Sea margin"
- Cullen Kortyna – Ph.D. (2022, UT). Thesis: "Cenozoic provenance and drainage evolution of the NW Gulf of Mexico and SW Texas" (co-advised with J. Covault)
- Zack Baril-Foster – Ph.D., (expected 2022, UT). Thesis: "Insights into tectonic and basin evolution of the US Atlantic rift margin from provenance data"
- Megan Flansburg – Ph.D. (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"
- Emily Hinshaw - M.S. (2022, UT). Thesis: "Tectonic exhumation of the Mount Ossa-Pelion blueschist terrane, north-central Greece"
- Catherine Ross – Ph.D. (2022, UT). Thesis: "Differentiation of circum-GOM K-Pg ejecta and tsunami deposits - the days after Chicxulub" (co-advised with S. Gulick)
- Patricia Ascanio-Pellon - M.S. (2023, UT). Thesis: "Detrital zircon provenance of Jurassic strata in W Cuba and implications for Caribbean tectonics"
- Gabriela Gutierrez – Ph.D. (2023, UT). Thesis: "Variations in source to sink dynamics of the Gulf of Mexico during the Pleistocene and Holocene" (co-advised with J. Covault)
- Daniel Ruiz – Ph.D. (expected 2023, UT). Thesis: "The role of Jurassic rift inheritance on shortening in the Mexican Fold and Thrust Belt, Southern and Eastern Mexico"
- Ethan Conrad – Ph.D. (expected 2024, UT). Thesis: "" (co-advised with T. Becker).
- Maximilian Ehrenfels – Ph.D. (expected 2025, UT). Thesis: "Laser ablation (U-Th)/He and $4\text{He}/3\text{He}$ thermochronometry"

Sandara Juarez Zuñiga – Ph.D. (expected 2026, UT). Thesis: “Provenance evolution of Carboniferous and Permian siliciclastic deposition during Ancestral Rocky Mountain and Ouachita tectonism in the SW USA and northern Mexico”

Sage Turek – Ph.D. (expected 2027, UT). Thesis: “Structural and metamorphic evolution of the Cycladic Blueschist Units during coherent subduction underplating – implications for subduction accretion”

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)

Drew Levy, Ph.D., – Post-doctoral research associate (2023-)

Zach Foster Baril, Ph.D. – Post-doctoral research associate (2023-)

Megan Miller, Ph.D. – Post-doctoral research associate (2023-)

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”
- Patricia Standring (2019). Senior Thesis: “Thermal evolution of the Glarus Thrust Sheet, Switzerland”