

Jonathan D. Price

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Curriculum Vitae

Research and Professional Experience

Midwestern State University, Kimbell School of Geosciences
Wichita Falls, TX

9/22-present	Chair & Prothro Distinguished Professor of Geological Science	Taught undergraduate and graduate courses in geosciences and conducted research in geochemical and petrological systems focusing on rift magmatism and basement tectonics.
9/15-8/22	Chair & Prothro Distinguished Associate Professor of Geological Science	Supervised undergraduate and graduate research. Handled principle direction of Geosciences program, overseeing three faculty.
8/10-8/15	Assistant Professor	Taught undergraduate courses in geosciences and conducted research in geochemical and petrological systems focusing on rift magmatism. Supervised undergraduate research on Laser Ablation applications to geochemical problems. Handled principle direction of Geosciences program.

Rensselaer Polytechnic Institute, Department of Earth & Environmental Sciences
Troy, NY

1/01 – 8/10	Director of Laboratory Teaching and Departmental Facilities	Oversaw undergraduate laboratory/recitation instruction and maintained instructional and research facilities, equipment, computers, and network, designed and maintained teaching webserver. Taught introductory and advanced courses in geosciences and general science. Spearheaded outreach programs for the community, institution, and for potential students. Managed electron microprobe and laser ablation ICP-MS training, operations and maintenance. Facilitated department-wide lab space and equipment set-up and organization.
4/99 – 8/10	Senior Research Associate	Researched problems on mass-transport phenomena in high pressure and temperature earth systems, including permeability/porosity in earth materials, diffusion in rocks, minerals, glasses, and metals, and crystal growth.

Oklahoma Geological Survey
Norman, OK

1/99 - 3/99	STATEMAP Project Geologist	Mapped surface geology and stratigraphy of the Oklahoma Panhandle (Pliocene sediments) and northwestern Oklahoma City (lower Permian sedimentary strata).
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Education and Training

Ph.D., Geology, University of Oklahoma, Norman. • 1998

M.S., Geology, Baylor University, Waco, Texas • 1993

B.S., Geology, Baylor University, Waco, Texas • 1990

Synergistic Activities

North Texas Geological Society executive committee (Former President, V.P., Treasurer, and Secretary)

Reviewer for National Science Foundation (EAR), Petroleum Research Fund, and NASA grant applications.

Manuscript reviewer for Minerals, Journal of Petrology, Earth Science and Planetary Letters, Journal of Geophysical Research, Geophysical Research Letters, and Northeastern Geology.

Annual workshop presenter for the Rolling Plains Chapter of the Texas Master Naturalists

Organizer and advocate for one session and one field trip, GSA South-section Meeting, 2020.

Field trip science author and leader to the Wichita Mountains for the University of Texas at Dallas student trip (2019, 2017), University of Oklahoma Grad Student Field Trip (2019), American Association of Petroleum Geologists, Southwest Section (2015), and the Dallas Chapter of the Society of Professional Independent Earth Scientists (2016), University of Texas, Dallas Petrology class (2017).

Virtual Tour on Geology and Arts, “Ingredients and Inspiration” for Region IX and the Kemp Center for the Arts.

Geology Badge instructor, Boy Scouts of America, Merit Badge College.

Invited Presentations

The nature of Eocambrian magmatism and its ramifications on the basement tectonics of the southern Midcontinent, Angelo State University, April, 2023

The Wichita Mountains: new findings from old rocks. Hardin Professor Presentation, Faculty Forum, Midwestern State University, October, 2019.

Magmatism, Burial, Uplift, and Exposure of the Southern Oklahoma Aulacogen: the Granite Point of View. Texas Christian University, September, 2018.

Climate assessment: our scientific understanding of global climate and anthropogenic alteration. Wichita Falls League of Women Voters, November, 2017.

The ups and downs and ups of the Wichita Mountains, an overview of an ancient rift. Desk and Derrick Club of Wichita Falls, June, 2016.

Oklahoma’s volcanic past: the significance of rifting and the Region’s Magmatic History. Midwestern State University Geoscience and Environmental Science Colloquium Series, April, 2015

Magmatism in the Eocambrian Southern Oklahoma Aulacogen: a view from the granites. University of Texas at Dallas Colloquium, November, 2014.

Shoot First and Ask Questions Later: Characterizing Geomaterials with Laser Induced Breakdown Spectrometry. University of Texas at Dallas Geoclub Luncheon, November, 2014

Oklahoma’s Volcanic Past: the Significance of Rifting and the Region’s Magmatic History. Midcontinent Sectional Meeting, Ardmore, OK, October, 2014.

The clocks in our rocks. Stewart-King Lecture Series, MSU Philosophy Club, October, 2014

Volcanoes in Oklahoma: an introduction to the magmatic rocks of the region, Oklahoma City Geological Society Discussion Group, May 2013.

Igneous geology of southwest Laurentia: assessing the timing and nature of plutons in the Eocambrian Southern Oklahoma Aulacogen, Baylor University, April 2011

The Wichita Mountains and the Construction of the Southern Oklahoma Basement. North Texas Geological Society Meeting, Wichita Falls, Nov. 2010

The Adirondacks: Insights from oxide and phosphate rocks in the land of confusion. Cal. State Los Angeles, April 2009.

Fluorine in melts and minerals: implications for igneous systems, Cal. State Los Angeles, April 2007.

Fluorine in melts and minerals, and its role in the evolution of the igneous rocks of the Southern Oklahoma Aulacogen and Electron microprobe analysis techniques, Kansas State University, November 2006.

Grains, Pores, and Surface Energy: Constraints on Fluid Transport in the Deep Crust and Upper Mantle, University of Oklahoma, November 2005.

Grain-scale Permeability of Equilibrated Earth Materials, University of Delaware, October 2004.

Complex Grain Boundary Pores and the Permeability of the Deep Lithosphere as Constrained by Synthetic Materials, Woods Hole Oceanographic Institute, July 2002, Oregon State University, October 2003.

The Nature of Volumetrically Minor Fluid and Solid Phases within the Lower Crust: Implications from Recent Experimental Investigations, American Museum of Natural History, May 2002.

Fluorine and Felsic Magmas: The Story within the Mineral Assemblage and Texture of the Mount Scott Granite, Oklahoma, Rensselaer Polytechnic Institute, October 1999.

Awards and Honors

Hardin Professor (MSU Texas' top faculty honor), 2019

College of Science and Mathematics Piper Award Nominee, 2018

College of Science and Mathematics Geosciences Professor of the Year, 2010-11, 2012-13, 2013-14

Appointed as Senior Research Associate to the New York State Museum, 2009

Sigma Xi Research Society Inductee, 2000.

Publications

Sallet, R., Price, J.D., Ribeiro, C., Hollanda, M.H.B.M., Sayeg, I.J., and Harlov, D., in press, Fluorine behavior during experimental muscovite dehydration melting and natural partitioning between micas: Implications for the petrogenesis of peraluminous leucogranites and pegmatites: *American Mineralogist*, doi: 10.2138/am-2022-8663.

Parker, D.F., Price, J.D., Brooks, C.B., and Ren, M., 2023, Contrasting magmatic evolutions of the Three Sister Volcanoes reflect increased heat flow, crustal melting and silicic magmatism in the Central Oregon Cascade Arc: *Chemical Geology*, v. 618, p. 121294, doi: 10.1016/j.chemgeo.2022.121294.

Sallet, R., Ribeiro, C., Neto, J.A.S., Sales, M., Moritz, R., Price, J.D., and Thomsen, T.B., 2021, Pegmatitic granite fluid compositions and thermochronometry in the Seridó Belt, Borborema Province, Brazil: Insights from trace element advection-diffusion-partitioning halos in host schist and gneiss: *Lithos*, v. 396–397, p. 106200, doi:10.1016/j.lithos.2021.106200.

Wall, C.J., Hanson, R.E., Schmitz, M.D., Price, J.D., Donovan, R.N., Boro, J.R., Eschberger, A.M., and Toews, C.E., 2021, Integrating Zircon Trace Element Geochemistry and High-Precision U-Pb Zircon Geochronology to Resolve Timing and Petrogenesis of the late Ediacaran-Cambrian Wichita Igneous Province, Southern Oklahoma Aulacogen, USA: *Geology*, v. 49, p. 268–272, doi:10.1130/G48140.1.

- Price, J.D., 2019, 10.11 Instrument Techniques Common to Analytical Mineralogy, Petrology, and Solid-Earth Geochemistry, in Carpenter, M.B. and Keene, C.M. eds., *The Geosciences Handbook*, American Geosciences Institute, p. 221–224.
- Price, J.D., 2018, Book Review: *Minerals: Their Constitution and Origin*, Second Edition: *American Mineralogist*, v. 103, p. 1349–1350.
- Sallet, R., Price, J. D., and Moritz, R., 2018, Natural and experimental fluorine substitution in biotite: Implications for fluid-rock thermochronometry and application to the Seridó Belt, northeastern Brazil: *Chemical Geology*, v. 482, p. 32-45.
- Buzas-Stephens, P., Buzas, M. A., Price, J. D., and Courtney, C. H., 2018, Benthic Superheroes: Living Foraminifera from Three Bays in the Mission-Aransas National Estuarine Research Reserve, USA: *Estuaries and Coasts*, p. 1-10.
- Price, J.D., 2016, The Wichita Mountains: Insights into the Evolution of Southern Oklahoma: *SIPES Quarterly*, v. LII, p. 1, 24–27.
- Sallet, R., Price, J. D., Babinski, M., Moritz, R., Souza, Z. S., and Chiaradia, M., 2015, Experimental anatexis, fluorine geochemistry and lead-isotope constraints on granite petrogenesis in the Seridó Belt, Borborema Province, northeastern Brazil: *Chemical Geology*, 400, p. 122-148.
[doi:10.1016/j.chemgeo.2015.02.011](https://doi.org/10.1016/j.chemgeo.2015.02.011)
- Price, J. D., 2014, The Mount Scott Intrusive Suite, Wichita Mountains, Oklahoma, in Suneson, N. H., ed., *Igneous and Tectonic history of the Southern Oklahoma Aulacogen. Guidebook 38*, Oklahoma Geological Survey, p. 299-318. <http://ogs.ou.edu/docs/guidebooks/GB38PIIRP9.pdf>
- Price, J. D., 2014, Stop 5. The Diabase dikes intruding the Mount Scott Granite at Lake Elmer Thomas Dam, Eastern Wichita Mountains, in Suneson, N. H., ed., *Igneous and Tectonic history of the Southern Oklahoma Aulacogen. Guidebook 38*, Oklahoma Geological Survey, 27-36.
- Price, J. D., 2014, Stop 6. The summit of Mount Scott, in Suneson, N. H., ed., *Igneous and Tectonic history of the Southern Oklahoma Aulacogen. Guidebook 38*, Oklahoma Geological Survey, 37-44.
- Price, J. D., 2014, Stop 7. Quetone Overlook, Eastern Wichita Mountains, in Suneson, N. H., ed., *Igneous and Tectonic history of the Southern Oklahoma Aulacogen. Volume Guidebook 38*, Oklahoma Geological Survey, 45-54.
- Puckett, R. E., Jr., Hanson, R., Eschelberger, A. M., Brueseke, M. E., Bulen, C. L., and Price, J. D., 2014, New Insights into the Early Cambrian Igneous and Sedimentary History of the Arbuckle Mountains Area of the Southern Oklahoma Aulacogen from Basement Well Penetrations, in Suneson, N. H., ed., *Igneous and Tectonic history of the Southern Oklahoma Aulacogen, Guidebook 38*, p. 61-94.
<http://ogs.ou.edu/docs/guidebooks/GB38PIIRP1.pdf>
- Price, J.D., Gilbert, M.C., and Hogan, J.P., 2012, Regional Significance of Diabase Dikes in the Mount Scott Granite as exposed at Lake Elmer Thomas Dam. *Shale Shaker*, 62, p. 456-474.
http://archives.datapages.com/data/ocgs/data/062/062006/456_ocgs620456.htm
- Lupulescu, M. V., Chiarenzelli, J.R., Pullen, A., Price, J.D., 2011, Using Pegmatite Geochronology To Constrain Temporal Events In The Adirondack Mountains. *Geosphere*, 7, p. 1-17. [doi:10.1130/GES00596.1](https://doi.org/10.1130/GES00596.1)
- Aldersley, M. F., Joshi, P. C., Price, J. D., and Ferris, J. P., 2011, The role of montmorillonite in its catalysis of RNA synthesis. *Applied Clay Science*, [doi:10.1016/j.clay.2011.06.011](https://doi.org/10.1016/j.clay.2011.06.011).
- Li, C-Y, Price, J.D., Tomozawa, M., and Watson, E.B., 2011, Hydrogen formation observed during high pressure treatment of silica glass. *Journal of Noncrystalline Solids*, 357, 2081-2085,
[doi:10.1016/j.jnoncrysol.2011.01.006](https://doi.org/10.1016/j.jnoncrysol.2011.01.006).

- Lupulescu, M. V., Chiarenzelli, J.R., Pullen, A., Price, J.D., 2011, Using Pegmatite Geochronology To Constrain Temporal Events In The Adirondack Mountains. *Geosphere*, 7, 1-17.
- Price, J.D., Wark, D.A., Watson, E.B., and Smith, A.M., 2006, Grain-Scale Permeabilities of Faceted Polycrystalline Aggregates. *Geofluids*, 6, p. 1-7, [doi:10.1111/j.1468-8123.2006.00149.x](https://doi.org/10.1111/j.1468-8123.2006.00149.x)
- Yoshino T, Price J.D., Wark D.A. and Watson E.B., 2006, Effect of faceting on pore geometry in texturally equilibrated rocks: implications for low permeability at low porosity. *Contributions to Mineralogy and Petrology*, *Contributions to Mineralogy Petrology* 152: 169–186, DOI 10.1007/s00410-006-0099-y
- Gabitov, R.I., Price, J.D., and Watson, E.B., 2005, Solubility of fluorite in haplogranitic melt of variable alkalis and alumina content at 800-1000°C and 100 MPa. *G3, Geochemistry, Geophysics, and Geosystems*, 6, Q03007, [doi:10.1029/2004GC000870](https://doi.org/10.1029/2004GC000870).
- Gabitov, R.I., Price, J.D., and Watson, E.B., 2005, Diffusion of Ca and F in haplogranitic melt from dissolving fluorite crystals at 900,1000°C and 100 MPa, *G3, Geochemistry, Geophysics, and Geosystems*, 6, Q03011, [doi:10.1029/2004GC000832](https://doi.org/10.1029/2004GC000832).
- Price, J.D., Wark, D.A., and Watson, E.B., 2004, Grain-scale permeabilities of synthetic rocks containing a minor platy phase. *Earth and Planetary Science Letters*, 227, p. 491-504. [doi:10.1016/j.epsl.2004.09.008](https://doi.org/10.1016/j.epsl.2004.09.008).
- Price, J.D., Hogan, J.P., Gilbert, M.C., London, D., and Morgan, G.B., VI, 1999, Experimental study of titanite-fluorite equilibria in the A-type Mount Scott Granite: Implications for assessing F contents of felsic magma. *Geology*, 27, p. 951-954. [doi: 10.1130/0091-7613\(1999\)027<0951:ESOTFE>2.3.CO;2](https://doi.org/10.1130/0091-7613(1999)027<0951:ESOTFE>2.3.CO;2).
- Wark, D.A., Williams, C.A., Watson, E.B., and Price, J.D., 2003, Reassessment of Pore Shapes in Microstructurally Equilibrated Rocks, with Implications for Permeability of the Upper Mantle. *Journal of Geophysical Research*. v. 108 B1, p. ECV 12-1 - ECV 12-16.
- Watson, E.B., Wark, D.A., Price, J.D., and Van Orman, J.A., 2002, Mapping the thermal structure of solid-media pressure assemblies. *Contributions to Mineralogy and Petrology*, v. 142, p. 640-652.
- Watson, E.B., and Price, J.D., 2002, Kinetics of the reaction $\text{MgO} + \text{Al}_2\text{O}_3 = \text{MgAl}_2\text{O}_4$ and Al-Mg interdiffusion in spinel at 1200-2000 °C and 1.0-4.0 GPa. *Geochimica et Cosmochimica Acta.*, v. 12, p. 2123-2138.
- Liang, Y., Price, J.D., Wark, D.A., and Watson, E.B., 2001, Nonlinear pressure diffusion in a porous medium: Approximate solutions with applications to permeability measurements using transient pulse decay method. *Journal of Geophysical Research*, v. 106, p. 529-536.
- Hogan, J.P., Gilbert, M.C., and Price, J.D., 2000, Crystallization of fine- and coarse-grained A-type granite sheets of the southern Oklahoma aulacogen, U.S.A. *Transactions of the Royal Society of Edinburgh: Earth Sciences*, v. 91, p. 139-150.
- Hogan, J.P., Price, J.D., and Gilbert, M. C., 1998, Magma traps and magma driving pressure: consequences for pluton shape and level of emplacement. *Journal of Structural Geology*, 20, p. 1155-1168, [doi:10.1016/S0191-8141\(98\)00063-7](https://doi.org/10.1016/S0191-8141(98)00063-7).
- Price, J.D., Hogan, J.P., Gilbert, M. C., and Payne, J., 1998, Surface and near-surface geometry of the Sandy Creek Gabbro Pluton, Hale Spring Area, Wichita Mountains, Oklahoma. *Basement Tectonics*, 12, p. 79-122. [doi: 10.1007/978-94-011-5098-9_4](https://doi.org/10.1007/978-94-011-5098-9_4).

Conference Paper

Butler, E., Crosman, E., Price, J.D., and Howell, N., accepted, Student Impacts from Outreach-based Flood Risk Research in Rural Texas, USA 2023 ASEE Annual Conference & Exposition, Baltimore, MD.

Reports

Butler, E., Crosman, E., and Price, J.D., 2022, Making Connections with Rural Areas of RFPG Region 1 for Flood Planning Projects, in Region 1 Flood Planning Report, Childress, TX, Region Flood Planning Group 1, p. 1 -41.

Presentation Abstracts (2017-present)

Price, J.D., 2022, High Resolution Digital Mapping of the Eastern Wichita Mountains, Southern Oklahoma: Geological Society of America Abstracts with Programs, v. 54, doi:10.1130/abs/2022SC-373560.

Price, J.D., 2020, Classifying A-Type Plutons using Principal Component Analysis, Wichita Granite Group, Southern Oklahoma: Geological Society of America Abstracts with Programs, v. 52, doi:10.1130/abs/2020AM-356409.

Price, J.D., and Stevenson, A.M., 2020, Classifying A-Type Plutons Using Principal Component Analysis, Wichita Granite Group, Southern Oklahoma: Geological Society of America Abstracts with Programs, v. 52, doi:10.1130/abs/2020AM-356409.

Price, J. D., 2020, The Cambrian Wichita Granite Group of Oklahoma; Reviewing the Mafic Assemblages of its "Lesser" Lithostratigraphy: Geological Society of America Abstracts with Programs, v. 52, doi: 10.1130/abs/2020SC-343728.

Price, J. D., 2019, Of Granophyre and Grains: Microstructure Variation in the Wichita Granite Group, Oklahoma: Geological Society of America Abstracts with Programs, v. 51, doi: 10.1130/abs/2019AM-338820.

Price, J. D., 2019, Thermodynamic Modeling and Potential Constraints on the Thermal History of the Wichita Granite Group, Oklahoma: Geological Society of America Abstracts with Programs, doi: 10.1130/abs/2019SC-3270.

Price, J. D., 2018, Accessory Minerals and Microstructure: Crystallization Sequence in the Wichita Granite Group, Southern Oklahoma Aulacogen, USA: Geological Society of America Abstracts with Programs, v. 50, doi:10.1130/abs/2018AM-321375. Price, J. D., 2018, Potentially Inherited Influences on Late Paleozoic Deformation in the Wichita Granite Group, Oklahoma: Geological Society of America Abstracts with Programs, v. 50, doi:10.1130/abs/2018SC-310100.

Price, J. D., Franks, C., Puckett Jr, R. E., and Klasse, D. S., 2017, Insights from Mafic Mineral Variations among an A-Type LIP Granite Series from the Southern Oklahoma Aulacogen: Geological Society of America Abstracts with Programs, v. 49, no. 6, doi: 10.1130/abs/2017AM-305478.

Price, J. D., Klasse, D. S., and Stevenson, A. M., 2017, The Wichita Granite Group Texture by the Numbers: Image Analysis of Quartz Microstructure: Geological Society of America Abstracts with Programs, v. 49, no. 1, doi: 10.1130/abs/2017SC-289238.

Theses supervised

Baugh, Christopher A., 2018, Geologic Mapping and Section Assessment of the Dalquest Desert Research Station, Texas, 85 p. and 2 plates.

Quevy, Amber, 2019, Geochemical and Structural Constraints on Pleistocene Volcanism in the Central Oregon Eastern High Cascades, 146 p.

Hamilton, Chad, 2022, Analysis of the K-feldspar Megacrysts of the Town Mountain Granite, Central Texas, 88 p.

Hughes, Dillon, 2020, Characterization of Calcite Features in the Rawls Formation, Dalquest Desert Research Station, Texas, 81 p.

Parker, Evan, 2022, Geospatial Analysis of Features on the Dalquest Desert Research Station, Big Bend, Texas, 66 p.

Stevenson, Alexandria, 2020, Characterizing Anomalous Granites within the Quanah Granite Pluton, Wichita Mountains, Oklahoma. 104 p.

Schmidt, Megan N., 2021, The origin and nature of heterogeneities within the Cache Granite, Wichita Mountains, Oklahoma. 125 p.

Student Published Presentation Abstracts (2015-present)

- Schmidt, M., and Price, J.D., 2021, Preliminary Findings on the Cache Granite, Wichita Mountains Southwestern Oklahoma: Geological Society of America Abstracts with Programs, v. 53, doi:10.1130/abs/2021NC-362863.
- Steger, J.W., and Price, J.D., 2021, Continued Evaluation of Granophyre in the Long Mountain Granite, Wichita Mountains, Southwestern Oklahoma: Geological Society of America Abstracts with Programs, v. 53, doi:10.1130/abs/2021NC-362908.
- Steger, J. W., and Price, J. D., 2020, Granophyre and the Wichita Granite Group, Oklahoma: a Look into an Edgy Texture: Geological Society of America Abstracts with Programs, v. 52, doi: 10.1130/abs/2020SC-343857.
- Stevenson, A. M., and Price, J. D., 2020, Anomalous Granites within the Quanah Granite Pluton, Wichita Mountains, Oklahoma: Geological Society of America Abstracts with Programs, v. 52, doi: 10.1130/abs/2020SC-343875.
- Stevenson, A. M., and Price, J. D., 2019, The Craterville Unit, a Distinct Body Associated with the Quanah Granite Pluton in the Wichita Mountains, Oklahoma: Geological Society of America Abstracts with Programs., v. 51, doi: 10.1130/abs/2019AM-339986.
- Quevy, A. L., and Price, J. D., 2019, Pleistocene Silicic Domes and their Mineral Populations, Eastern High Cascades, Central Oregon: Geological Society of America Abstracts with Programs, doi: 10.1130/abs/2019SC-326760.
- Perera, S. G., and Price, J. D., 2019, Near-Surface Alteration of the Mount Scott Granite, Wichita Mountains, Oklahoma: Geological Society of America Abstracts with Programs, doi: 10.1130/abs/2019SC-326681.
- Stevenson, A. M., and Price, J. D., 2018, It's Complicated: Fine and Porphyritic Granites Associated with the Coarse-Grained Quanah Granite, Southwestern Oklahoma, USA: Geological Society of America Abstracts with Programs, v. 50, doi: 10.1130/abs/2018AM-322860.
- Quevy, A. L., and Price, J. D., 2018, Characterizing the Older Silicic Domes And Flows Of Western Deschutes County, Central Oregon, USA: Geological Society of America Abstracts with Programs., v. 50, doi: 10.1130/abs/2018AM-323543.
- Quevy, A. L., Stevenson, A. M., and Price, J. D., 2018, Filling the Cracks: Magma Injections at the Edge of the Quanah Pluton, Oklahoma: Geological Society of America Abstracts with Programs, v. 50, 10.1130/abs/2018SC-310275.
- Stevenson, A. M., Quevy, A. L., and Price, J. D., 2018, Mapping of the Quanah Pluton Margin and Adjacent Dikes, Wichita Mountains, Oklahoma: Geological Society of America Abstracts with Programs, v. 50, 10.1130/abs/2018SC-310269.
- Franks, C., Price, J. D., and Puckett Jr, R. E., 2018, Microanalytical Characterization of Subsurface Samples of the Wichita Granite Group, Southern Oklahoma Aulacogen: Geological Society of America Abstracts with Programs, v. 50, 10.1130/abs/2018SC-310167.
- Steger, J. W., and Price, J. D., 2018, Edgy Growth: Preliminary Assessment of Sectioned Hopper Microstructure Using Synthetic Bismuth: Geological Society of America Abstracts with Programs, v. 50, 10.1130/abs/2018SC-310206.

Baugh, C. A., and Price, J. D., 2017, Mapping and Section Assessment at the Dalquest Desert Research Station, Big Bend, Texas: Geological Society of America Abstracts with Programs, v. 49, no. 6, doi: 10.1130/abs/2017AM-304027.

Quevy, A. L., and Price, J. D., 2017, Sustained Marginal Dikes in the Wichita LIP, Southwestern Oklahoma: Geological Society of America Abstracts with Programs, v. 49, no. 6, doi: 10.1130/abs/2017AM-306036.

Stevenson, A. M., and Price, J. D., 2017, An Example of Intrusion Relationships along the Northern Margin of the Quanah Granite, Wichita LIP, Southwestern Oklahoma: Geological Society of America Abstracts with Programs, v. 49, no. 6, doi: 10.1130/abs/2017AM-302299.

Franks, C., Price, J. D., and Puckett Jr, R. E., 2016, Further Investigation Into Discriminating The Subsurface Plutons of the Arbuckle Mountains Using Laser Induced Breakdown Spectroscopy: Geological Society of America Abstracts with Programs, v. 48, no. 1, doi: 10.1130/abs/2016SC-273178.

Torgerson, E. J., Baugh, C. A., and Price, J. D., 2016, Preliminary Analysis of the Tascotal Mesa Fault and Associated Features near the Presidio-Brewster County Line, Dalquest Desert Research Station, Trans-Pecos Texas: Geological Society of America Abstracts with Programs, v. 48, no. 1, doi: 10.1130/abs/2016SC-273291.

Auguste, L. J., Price, J. D., Carlucci, J. R., and Willis, R. E., 2015, Geologic Reconnaissance of the Dalquest Desert Research Station, Big Bend, Texas: Geological Society of America Abstracts with Programs, v. 47, no. 1, p. 17.

Bickhard, K. L., Lord, M. J., Price, J. D., and Puckett Jr, R. E., 2015, Assessing Amphiboles in Subsurface Granites from the Arbuckle Mountains, Southern Oklahoma Aulacogen: Geological Society of America Abstracts with Programs, v. 47, no. 1, p. 17.