

Curriculum Vita
JAMES V. JONES III

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EDUCATION

- PhD** 2005 Geology, The University of Texas, Austin, TX
Thesis title: *Proterozoic tectonic evolution of southern Laurentia: New constraints from field studies and geochronology in southern Colorado and northern New Mexico, USA*
- MS** 1999 Geology, University of Wyoming, Laramie, WY
- BS** 1997 Geology, *cum laude*, The University of the South, Sewanee, TN

PROFESSIONAL APPOINTMENTS

- 2011–present Research Geologist, U.S. Geological Survey Alaska Science Center, Anchorage, AK
- 2008–2011 Assistant Professor, Department of Earth Sciences, University of Arkansas at Little Rock
- 2005–2008 Assistant Professor, Geology Discipline, University of Minnesota Morris
- 2005 Part-time Faculty, Department of Geosciences, Trinity University
- 2004 Associate Instructor, Geology Field Camp, Department of Geological Sciences, The University of Texas at Austin
- 2001–2004 Graduate teaching and research assistant, Department of Geological Sciences, The University of Texas at Austin
- 1997–1999 Graduate teaching and research assistant, Department of Geology and Geophysics, University of Wyoming
- 1998 Summer Professional Geologist, ARCO Alaska, Inc., Anchorage, AK

RESEARCH INTERESTS

Field-based tectonic studies combining structural geology, hard-rock petrology, geochronology, thermochronology, and geochemistry; framework geology, tectonic evolution, and mineral resources of Alaska and western North America.; mid-crustal tectonic processes and the evolution and exhumation of mid- to high-grade metamorphic terranes; origin and emplacement of granitic rocks in convergent and collisional orogens; regional geology and tectonic evolution of convergent and collisional orogenic systems.

TEACHING EXPERIENCE

University of Arkansas at Little Rock, Department of Earth Sciences (2008–2011)

Earth Materials (formerly Mineralogy, including optical mineralogy); Igneous and Metamorphic Petrology (including optical mineralogy); Field Geology I; Field Geology II (Summer Field Camp); Global Tectonics; Physical Geology lab

University of Minnesota Morris, Geology Discipline (2005–2008)

Mineralogy and Crystallography (including optical mineralogy); Igneous and Metamorphic Petrology; Physical Geology (including labs); Geographic Information Systems (GIS) and Remote Sensing; Orogenic Belts

Trinity University, Department of Geosciences (2005)

Earth Materials

The University of Texas at Austin, Department of Geological Sciences (2000-2005)

Field Methods (Summer Field Camp)^{*†}; Igneous and Metamorphic Petrology[†]; Analytical Techniques (Graduate level)[†]

University of Wyoming, Department of Geology and Geophysics (1997-1999)

Summer Field Course[†]; Mineralogy[†]; Foundations of Geology I[†]

* Associate Instructor † Graduate Teaching Assistant

FUNDED RESEARCH PROJECTS

- 2007 “Age and implications of Proterozoic orthoquartzites, southwestern United States”
University of Minnesota Grant-in-Aid of Research, Artistry, and Scholarship (\$25531)
- 2007 “The UMM Step Program: An initiative to encourage the participation of Native Americans in the sciences” Senior Investigator (P.I., J.F.P. Cotter), NSF-DUE-0653063 (\$499526)
- 2007 “Precambrian geology of the Santa Fe Range, central New Mexico” Faculty Research Enhancement Grant, UMM Dean’s Office (\$750)
- 2006 “Geometry, kinematics, and geochronology of the newly discovered Grizzly Creek shear zone, Glenwood Canyon, Colorado” U.S. Geological Survey EDMAP program (\$2400)
- 2006 “Detrital zircon geochronology of a classic Proterozoic metasedimentary succession in the Needle Mountains, southwestern Colorado” Faculty Research Enhancement Grant, UMM Dean’s Office (\$1235)
- 2006 “Incorporating Geographic Information Systems (GIS) into the geology and natural sciences curriculum” Educational Development Program Grant, UMM Dean’s Office: (\$2000)
- 1999 Geological Society of America Grant-in-Aid: “Deformational history of the central Ruby Mountains metamorphic core complex, Nevada” (\$2000)

PROFESSIONAL DEVELOPMENT

- 2012 U.S. Geological Survey Leadership Intensive Training, Henderson, NV
- 2010 Teaching Geoscience in the Field in the 21st Century: NAGT On the Cutting Edge workshop, Montana State University, Bozeman, MT

HONORS AND AWARDS

- 2002 R. L. Folk/E. F. McBride Petrography Award (University of Texas at Austin)
2002 Graduate Student Service Award (University of Texas at Austin)
1997 Allen Farmer Award for Forestry and Geology (University of the South)
1997 Departmental Honors, Forestry and Geology (University of the South)
1996 Dean's List (University of the South)
1996–97 Order of Gownsmen (University of the South)

PROFESSIONAL MEMBERSHIPS

Geological Society of America, American Geophysical Union, Mineralogical Society of America, National Association of Geoscience Teachers

PROFESSIONAL AND COMMUNITY SERVICE

Peer reviewer for Canadian Journal of Earth Sciences (2013), Geology (2013–2012), Geosphere (2013, 2009), NSF Tectonics (2012), USGS Mineral Resources External Research Program (2012), USGS Mineral Assessment Program (2012), Geological Society of America Special Papers (2011), Lithosphere (2011), Geological Society of America Bulletin (2010), NSF Earthscope (2009), Rocky Mountain Geology (2009, 2007), Journal of Metamorphic Geology (2006–2007), and Precambrian Research (2005–2006)

Textbook reviewer for *Earth Materials* (1 ed., Cambridge University Press, 2010); *An Introduction to Mineralogy* (2 ed., Oxford University Press, 2009); *Communicating Rocks: A brief exposition on thinking about geology* (Prentice Hall, 2009); *Map Use: Reading and Analysis* (6 ed., ESRI Press, 2008); *How does Earth work?* (2 ed., Prentice Hall, 2007); *Introduction to crystallography and related analytical techniques* (Book proposal, Oxford University Press, 2007)

Invited lectures at University of Alaska Anchorage (2012), USGS Alaska Science Center (2011), University of Missouri (2010), Bucknell University (2009), University of Arkansas Little Rock (2008), The University of the South (2007), Winona State University (2007), North Dakota State University (2006), University of Minnesota Twin Cities (2006), and University of Minnesota Morris (2005)

Presentations for the Alaska Miners Association (2012), Arkansas Society of Mining and Metallurgical Engineers (2009), Hot Springs Geology Club (2009).

Doctoral committee member, Mike Doe, Colorado School of Mines (ongoing)

Tenure reviewer, Winona State University

PEER REVIEWED PUBLICATIONS

Jones, J.V. III, Piatak, N., and Bedinger, G., *in press*, Zirconium and Hafnium: Economic and environmental geology, and prospects for future study, *in* Schulz, K.J., Bradley, D.C., DeYoung, J.H. Jr., and Seal, R.R. II, eds., *Critical Mineral Resources of the United States—Economic and Environmental Geology and Prospects for Future Supply*: U.S. Geological Survey Professional Paper

- Daniel, C.G., **Jones, J.V. III**, Andronicos, C.L., and Gray, M.B., *in press*, Making the case for the Picuris orogeny: Evidence for a 1500 to 1400 Ma orogenic event in the southwestern United States, *in* Abbott, L.D., and Hancock, G.S., eds., *Classic Concepts and New Directions: Exploring 125 Years of GSA Discoveries in the Rocky Mountain Region: Geological Society of America Field Guide 33*, p. 1–31, doi:10.1130/2013.0033(07)
- Jones, J.V. III**, Shaw, C.A., Allen, J.L., and Housh, T., 2013, U-Pb zircon age constraints on two episodes of Paleoproterozoic magmatism and development of the Grizzly Creek shear zone, White River uplift, western Colorado, U.S.A.: *Rocky Mountain Geology*, v. 48, p. 15–39.
- Daniel, C.G., Pfeifer, L.S., and **Jones, J.V. III**, and McFarlane, C., 2013, Detrital zircon evidence for Mesoproterozoic (ca. 1.49–1.46 Ga) deposition and orogenesis in a reconstructed orogenic belt, northern New Mexico, USA: defining the Picuris Orogeny: *Geological Society of America Bulletin*, v. 125, p. 1423–1441.
- Doe, M.F., **Jones, J.V. III**, Karlstrom, K.E., Dixon, B., Gehrels, G., and Pecha, M., 2013, Using detrital zircon ages and Hf isotopes to identify ca. 1.48–1.45 Ga sedimentary basins and fingerprint potential sources of exotic 1.6–1.5 Ga grains in southwestern Laurentia: *Precambrian Research*, v. 231, p. 409–421, doi:10.1016/j.precamres.2013.03.002
- Jones, J.V. III** and Thrane, K., 2012, Correlating Proterozoic syn-orogenic metasedimentary successions in southwestern Laurentia: New insights from detrital zircon U-Pb geochronology of Paleoproterozoic quartzite and metaconglomerate in central and northern Colorado, U.S.A.: *Rocky Mountain Geology*, v. 47, p. 1–35.
- Doe, M.D., **Jones, J.V. III**, Karlstrom, K.E., Thrane, K., Frei, D., Gehrels, G., and Pecha, M., 2012, Basin formation near the end of the 1.60–1.45 Ga tectonic gap in southern Laurentia: Mesoproterozoic Hess Canyon Group of Arizona and implications for ca. 1.5 Ga supercontinent configurations: *Lithosphere*, v. 4, p. 77–88.
- Jones, J.V. III**, Daniel, C.G., Thrane, K., and Frei, D., 2011, Revised regional correlations and tectonic implications of Paleoproterozoic and Mesoproterozoic metasedimentary rocks in northern New Mexico, USA: New findings from detrital zircon studies of the Hondo Group, Vadito Group, and Marquenas Formation: *Geosphere*, v. 7, p. 974–991.
- Jones, J. V. III**, Siddoway, C. S., and Connelly, J. N., 2010, Characteristics and implications of ca. 1.4 Ga deformation across a Proterozoic mid-crustal section, Wet Mountains, Colorado, USA: *Lithosphere*, v. 2, p. 119–135.
- Jones, J.V. III**, Rogers, S.A., and Connelly, J.N., 2010, U-Pb geochronology of Proterozoic granites in the Sawatch Range, Colorado, USA: *Rocky Mountain Geology*, v. 45, p. 1–22.
- Jones, J. V. III**, Connelly, J. N., Karlstrom, K. E., Williams, M. W., and Doe, M.F., 2009, Age, provenance, and tectonic setting of Paleoproterozoic quartzite successions in the southwestern United States: *Geological Society of America Bulletin*, v. 121, p. 247–264.
- Jones, J. V. III**, and Connelly, J. N., 2006, Proterozoic tectonic evolution of the Sangre de Cristo Mountains, southern Colorado: *Rocky Mountain Geology*, v. 41, p. 79–116.
- Jessup, M.J., **Jones, J. V. III**, Karlstrom, K.E., Williams, M.L., Connelly, J.N., and Heizler, M.T., 2006, Three Proterozoic orogenic episodes and an intervening exhumation event in the Black Canyon of the Gunnison region, Colorado: *Journal of Geology*, v. 114, p. 555–576.

OTHER PUBLICATIONS

Kirkham, R.M., Stuefert, R.K., Cappa, J.A., Shaw, C.A., Allen, J.L., and **Jones, J.V. III**, 2009, Geologic Map of the Glenwood Springs Quadrangle, Garfield, Colorado: Colorado Geological Survey Map Series MS-38, scale 1:24,000.

ABSTRACTS (* Denotes undergraduate student coauthor; † Denotes invited presentation)

Jones, J.V. III, Box, S.E., and Bradley, D.C., 2013, Cretaceous to Paleogene tectonic evolution of the western Alaska Range: New insights from SHRIMP U-Pb geochronology: Geological Society of America Abstracts with Programs, v. 45, no. 7

Box, S.E., Karl, S.M., **Jones, J.V. III**, Lease, R.O., Bradley, D.C., Haeussler, P.J., Graham, G., Saltus, R.W., and Hults, C.P., 2013, Detrital zircon constraints on sources, age of deformation and localization of mineral deposits of Kahiltna basin, south-central Alaska: Geological Society of America Abstracts with Programs, v. 45, no. 7

Karl, S.E., Box, S.E., **Jones, J.V. III**, Lease, R.O., Bradley, D.C., Haeussler, P.J., Hults, C.P., and Graham, G., 2013, Petrographic and detrital zircon data from the Kahiltna basin suggest Early Cretaceous juxtaposition of the continental margin and the Peninsular terrane in the western Alaska Range: Geological Society of America Abstracts with Programs, v. 45, no. 7

Dumoulin, J.A., Bradley, D.C., Till, A.B., Box, S.E., and **Jones, J.V. III**, 2013, Strikingly similar Early Paleozoic provenance evolution of sedimentary rocks in the Farewell terrane (interior Alaska) and Arctic Alaska-Chukotka terrane: Geological Society of America Abstracts with Programs, v. 45, no. 7

Daniel, C.G., **Jones, J.V. III**, Reid, M.M., Toft, M.E., Wallace, D.P., and McFarlane, C., 2013, New U-Pb zircon age constraints for ca. 1520 to 1450 Ma sedimentation and volcanism in the southwestern United States and some thoughts about the proposed ca. 1480–1400 Ma Picuris Orogeny: Geological Society of America Abstracts with Programs, v. 45, no. 7

Doe, M.F., Karlstrom, K.E., Holland, M.E., **Jones, J.V. III**, Gehrels, G., and Pecha, M., 2013, Detrital zircon characteristics of unconformity-bound Proterozoic metasedimentary successions in central Arizona: relatively short-lived syntectonic basins as key elements in the Proterozoic tectonic evolution of southwestern Laurentia: Geological Society of America Abstracts with Programs, v. 45, no. 7

Lee, G., Granitto, M., Wang, B., Shew, N., Mauk, J.L., Hayes, T.S., **Jones, J.V. III**, Schmidt, J.M., Todd, E., and Werdon, M.B., 2013, Geochemical mapping of Alaska using large legacy databases: Geological Society of America Abstracts with Programs, v. 45, no. 7

Saltus, R.W., Hayward, N., **Jones, J.V. III**, and Murphy, D.C., 2013, Reconciling geology between Alaska and the Yukon – Potential role of regional magnetic anomaly data: Geological Society of America Abstracts with Programs, v. 45, no. 7

Haeussler, P.J., Bradley, D., Ayuso, R., Layer, P.W., Friedman, R.M., O’Sullivan, P., **Jones, J.V. III**, Karl, S.M., Box, S.E., and Todd, E., 2013, Magmatic history of the Tordrillo Mountains and western Alaska Range and tectonic implications: Geological Society of America Abstracts with Programs, v. 45, no. 7

- Daniel, C.G., Pfeifer, L.S.*, **Jones, J.V. III**, and McFarlane, C., 2013, Evidence for a contractional Mesoproterozoic (ca. 1.45 Ga) orogeny in the southwestern United States: The Picuris Orogeny: Geological Society of America Abstracts with Programs, v. 45, no. 3, p. 15.
- Saltus, R.W., Haeussler, P.J., **Jones, J.V. III**, Lewis, K.A., and Stanley, R.G., 2012, Gravity and magnetic investigation of Susitna basin structure, Cook Inlet, Alaska: Geological Society of America Abstracts with Programs, v. 44, no. 7, p. 76.
- Daniel, C.G., Pfeifer, L.S.*, **Jones, J.V. III**, and McFarlane, C., 2012, Detrital zircon evidence for Mesoproterozoic deposition, orogenesis and non-Laurentian provenance in the Picuris Mountains, New Mexico, USA: Geological Society of America Abstracts with Programs, v. 44, no. 7, p. 36.
- † **Jones, J.V. III**, Daniel, C.G., Doe, M.F., and Karlstrom, K.E., 2012, Tectonic connections between deformed and metamorphosed ca. 1.49–1.43 Ga metasedimentary successions in southwestern Laurentia: Geological Society of America Abstracts with Programs, v. 44, no. 6, p. 25.
- Doe, M.F., **Jones, J.V. III**, and Karlstrom, K.E., 2012, Detrital zircon data from the Mazatzal Group of central Arizona: Insights from newly identified unconformities: Geological Society of America Abstracts with Programs, v. 44, no. 6, p. 24.
- Daniel, C.G., Pfeifer, L.S., and **Jones, J.V. III**, 2012, Unraveling the Mazatzal orogeny: Geochronological constraints and speculation on the nature and timing of Paleoproterozoic and Mesoproterozoic orogenesis in the Picuris Mountains, northern New Mexico, USA: Geological Society of America Abstracts with Programs, v. 44, no. 6, p. 25.
- Pfeifer, L.S.*, Daniel, C.G., and **Jones, J.V. III**, 2012, Exotic Mesoproterozoic (1.5–1.6 Ga) detrital zircon from the metamorphosed Piedre Lumbre Formation in the Picuris Mountains, New Mexico, USA: Provenance and tectonic implications: Geological Society of America Abstracts with Programs, v. 44, no. 6, p. 24.
- Andronicos, C.A., Aronoff, R.F., Daniel, C.G., Hunter, R.A., **Jones, J.V. III**, and Vervoort, J., 2012, Contrasting Precambrian tectonic histories in northern New Mexico and southern Colorado: Geological Society of America Abstracts with Programs, v. 44, no. 6, p. 25.
- Jones, J.V. III**, Daniel, C.G., Doe, M.F., Karlstrom, K.E., and Williams, M.L., 2011, Proterozoic metasedimentary successions as indicators of lithospheric stabilization and reactivation in southern Laurentia: Geological Society of America Abstracts with Programs, v. 43, no. 5, p. 322.
- Williams, M.L., Karlstrom, K.E., **Jones, J.V. III**, and Doe, M.F., 2011, The Proterozoic evolution of southwestern North America: New constraints and on-going challenges: Geological Society of America Abstracts with Programs, v. 43, no. 5, p. 321.
- Daniel, C.G., and **Jones, J.V. III**, 2011, New findings from detrital zircon studies in north-central New Mexico, USA: Revised regional correlations and evidence for Mesoproterozoic sedimentation and intracratonic reactivation: Geological Society of America Abstracts with Programs, v. 43, no. 5, p. 322.
- Pfeifer, L.S.*, Daniel, C.G., and **Jones, J.V. III**, 2011, Confirmation of Mesoproterozoic (ca. 1.47 Ga) detrital zircon from the metamorphosed Marquenas Formation, Picuris Mountains,

- New Mexico, USA: Geological Society of America Abstracts with Programs, v. 43, no. 5, p. 323.
- Doe, M.F., Karlstrom, K.E., **Jones, J.V. III**, Pecha, M., and Gehrels, G.E., 2011, Reconstructing Rodinia: Hafnium results from the SW Laurentian “Magmatic Gap” (1470-1600 Ma) possible links between the Yankee Joe Basin and central Australia: Geological Society of America Abstracts with Programs, v. 43, no. 5, p. 489.
- Jones, J.V. III**, Doe, M.F., Karlstrom, K.E., and Thrane, K., 2011, Exotic provenance for the Proterozoic Hess Canyon Group, Arizona, USA: Implications for basin evolution and ca. 1.4 Ga continent configurations: Geological Society of America Abstracts with Programs, v. 43, no. 4, p. 72.
- Jones, J.V. III**, Daniel, C.G., Doe, M.E., Karlstrom, K.E., Williams, M.L., and Frei, D., 2010, Tectonic insights from detrital zircon studies of Proterozoic metasedimentary succession exposed throughout southwestern Laurentia: Geological Society of America Abstracts with Programs, v. 42, no. 5, p. 515.
- Jones, J.V. III**, Daniel, C.G., and Frei, D., 2010, The Marquenas Formation: a ca. 1.4 Ga syn-orogenic conglomerate in the Picuris Mountains of northern New Mexico: Geological Society of America Abstracts with Programs, v. 42, no. 5, p. 308.
- Doe, M.F., **Jones, J.V. III**, Karlstrom, K.E., Frei, D., and Gehrels, G.E., 2010, Detrital zircons from Middle Proterozoic quartzites of central Arizona: Implications for regional correlations, basin evolution, and crustal recycling: Geological Society of America Abstracts with Programs, v. 42, no. 5, p. 515.
- Daniel, C.G., and **Jones, J.V. III**, 2010, Making the case for a 1.48 to 1.40 Ga orogenic event in the southwest: The Picuris Orogeny: Geological Society of America Abstracts with Programs, v. 42, no. 5, p. 414.
- Hicks, G.L. III, Jessup, M.J., and **Jones, J.V. III**, 2010, Emplacement mechanisms of the 1.4 Ga Curecanti pluton, Gunnison, Colorado: Geological Society of America Abstracts with Programs, v. 42, no. 5, p. 308.
- Jones, J.V. III**, Karlstrom, K.E., Williams, M.L., and Connelly, J.N., 2009, U-Pb detrital zircon geochronology of Paleoproterozoic orthoquartzites in the southwestern United States: An essential tool for regional correlation, tectonic studies, and more: Geological Society of America Abstracts with Programs, v. 41, no. 7, p. 542.
- McMillan, M.E., **Jones, J.V. III**, Connelly, J.B., and Sims, W.J., 2009, Field Geology I and II as an alternative to the 6-week field camp: Geological Society of America Abstracts with Programs, v. 41, no. 7, p. 534.
- Hicks, G.L. III* and **Jones, J.V. III**, 2009, New constraints on the depositional age of Paleoproterozoic quartzite exposures in Phantom Canyon, Canon City, Colorado: Geological Society of America Abstracts with Programs, v. 41, no. 6, p. 49.
- Jones, J.V. III** and Siddoway, C., 2008, Synchronous high strain, granulite facies metamorphism and A-type magmatism at 1.4 Ga, Wet Mountains, Colorado, USA: Geophysical Research Abstracts, v. 10, EGU2008-A-09832, EGU General Assembly 2008

- Jones, J.V. III**, Connelly, J.N., Karlstrom, K.E., Williams, M.L., and Doe, M., 2008, Tectonic model for Paleoproterozoic orthoquartzite deposition in the southwestern United States: Geological Society of America Abstracts with Programs, v. 40, no. 1, p. 64
- Baker, E.H.* and **Jones, J.V. III**, 2008, Age and deformational characteristics of the Paleoproterozoic Denny Creek granodiorite, Collegiate Peaks Wilderness Area, Colorado: Geological Society of America Abstracts with Programs, v. 40, no. 1, p. 69
- Leader, J.W.* and **Jones, J.V. III**, 2008, Age and tectonic significance of the ca. 1.4 Ga Browns Pass pluton, Collegiate Peaks Wilderness Area, Colorado: Geological Society of America Abstracts with Programs, v. 40, no. 1, p. 69
- Carlson, M.L.*, Cotter, J.F.P., **Jones, J.V. III**, and Rocha-Campos, A.C., 2008, Reconstruction of the pre-glacial Late Paleozoic landscape of the Witmarsum area, Parana state, Brazil using GIS: Geological Society of America Abstracts with Programs, v. 40, no. 5, p. 18
- Baird, G.B., Shradly, C., and **Jones, J.**, 2008, Preliminary constraints on the timing of deformation in the northwest Adirondack lowlands and along the Black Lake shear zone, New York: Geological Association of Canada and Mineralogical Association of Canada (GAC/MAC) Annual Meeting Abstracts, v. 33, p. 48
- Jones, J.V. III**, Shaw, C.A., and Goodfellow, R.E.*, and Housh, T., 2007, U-Pb zircon age constraints on Proterozoic granitic magmatism and shear zone development in the Glenwood Springs area, Colorado: Geological Society of America Abstracts with Programs, v. 39, no. 6, p. 334
- Jones, J. V. III**, Connelly, J. N., Karlstrom, K. E., and Williams, M. L., 2006, Depositional age and provenance of supermature Proterozoic quartzites, Colorado and New Mexico: New insights from detrital zircon geochronology: Geological Society of America Abstracts with Programs, v. 38, no. 7, p. 503.
- Jones, J. V. III**, Rogers, S. A., and Connelly, J. N., 2006, Proterozoic granitoid magmatism in the Sawatch Range, central Colorado: New age constraints from U-Pb geochronology: Geological Society of America Abstracts with Programs, v. 38, no. 5.
- Jessup, M. J. , Karlstrom, K. E., Williams, M. L., Connelly, J. N., **Jones, J. V. III**, and Heizler, Matthew T., 2006, Multiple Proterozoic orogenic episodes and an intervening exhumation event in the Black Canyon of the Gunnison region, Colorado: Geological Society of America Abstracts with Programs, v. 38, no. 5.
- Luther, A.L., **Jones, J.V. III**, Shastri, L.L., Williams, M.L., Jercinovic, M., and Karlstrom, K.E., 2006, A new age of 1600 Ma for deposition of the upper Manzano Group; evidence for a progressive (1.66-1.60 Ga) Mazatzal Orogeny, central New Mexico: New Mexico Geology, v. 28, no. 2, p. 60.
- Luther, A. L., **Jones, J. V. III**, and Karlstrom, K. E., 2005, New views of the Mazatzal Orogeny – Field and geochronologic data from the Manzano thrust belt in central New Mexico: Geological Society of America Abstracts with Programs, v. 37, no. 7, p. 506.
- Jones, J. V. III**, Connelly, J. N., and Andronicos, C. L., 2005, New geochronologic constraints on Proterozoic basement evolution and quartzite deposition, West Needle Mountains, Colorado: Geological Society of America Abstracts with Programs, v. 37, no. 6, p. 41.

- Jones, J. V. III**, Siddoway, C. S., Connelly, J. N., Perkins, G.*, and Callahan, O.*, 2004, Circa 1.4 Ga penetrative deformation in the southern Wet Mountains, Colorado: implications for Mesoproterozoic intracontinental tectonism across the southern Rocky Mountains: Geological Society of America Abstracts with Programs, v. 36, no. 5.
- Collins, T. R. IV*, Siddoway, C. S., **Jones, J. V. III**, and Tello, C.*, 2004, Shear zone roots in the middle crust: the transition from partitioned deformation to penetrative ductile flow in the northern Wet Mountains, CO: Geological Society of America Abstracts with Programs, v. 36, no. 5.
- Rogers, S. A., Connelly, J. N., **Jones, J. V. III**, and Rhea, C.*, 2004, U-Pb zircon geochronology of Proterozoic granites of the Taylor River area, SW Sawatch Range, Gunnison County, central Colorado: Geological Society of America Abstracts with Programs, v. 36, no. 5.
- Jones, J. V. III**, and Connelly, J. N., 2003, Paleoproterozoic and Mesoproterozoic granitic magmatism in the central Sangre de Cristo Mountains, southern Colorado: Geological Society of America Abstracts with Programs, v. 35, no. 5.
- Williams, M. L., Karlstrom, K. E., Jessup, M., **Jones, J.**, and Connelly, J., 2003, Proterozoic rhyolite-quartzite sequences of the Southwest: Syntectonic "cover" and stratigraphic breaks (~1695 and ~1660 Ma) between orogenic pulses: Geological Society of America Abstracts with Programs, v. 35, no. 5.
- Siddoway, C. S., **Jones, J.**, Williams, M. L., Andronicos, C. L., Connelly, J., and Karlstrom, K. E., 2002, The Mesoproterozoic record in the Wet Mountains, Colorado: Geological Society of America Abstracts with Programs, v. 34, no. 6, p. 181.
- Jessup, M., Karlstrom, K., Connelly, J., **Jones, J.**, and Williams, M. L., 2002, Tectonic evolution of the Black Canyon of the Gunnison, Colorado: New U/Pb geochronology and evidence for both Paleoproterozoic and Mesoproterozoic deformation and metamorphism: Geological Society of America Abstracts with Programs, v. 34, no. 6, p. 181.
- Jones, J. V. III**, 1999, Jurassic and Cretaceous magmatism, deformation, and metamorphism in the central Ruby Mountains, NE Nevada: Geological Society of America Abstracts with Programs, v. 31, no. 7, p. A-116.
- Jones, J. V. III**, Potter, D. B., Jr., and Varn, A. R., 1997, Structural styles of the Cumberland Overthrust, Mitchell and Gaines Coves, Monteagle Quadrangle, Tennessee: Geological Society of America Abstracts with Programs, v. 29, no. 6, p. A-224.