

Curriculum Vitae

Brian L. Fritz

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EDUCATION:

- 2011 M.S. Dept. of Geology and Earth Science, University of Akron, Oh.
- 2007 B.S. Geology, Clarion University of Pennsylvania, Clarion, Pa.
- 2007 B.A. Anthropology, Clarion University of Pennsylvania, Clarion, Pa.
- 2007 GIS minor, Clarion University of Pennsylvania, Clarion, Pa.
- 2003 Associate, General Studies, Allegany College of Maryland, Cumberland, Md.

EXPERIENCE:

- 2008 to present Quemahoning LLC, Owner and Principal Investigator
- 2016 book author, Shade Furnace, Historical and Genealogical Soc. of Somerset Co. PA
- 2014 book author, The Scripture Rocks, Jefferson County Historical Society
- 2009 to 2011 Teaching Assistant, Geology, University of Akron.
- 2008 Thomas R. Baker, Field Tech, Thorn Hill Industrial Park Site 36BT338
- 2008 Clarion University of Pennsylvania, geomorphology study, Indian Valley 36Fo4
- 2008 Clarion University of Pennsylvania, artifact analysis, Indian Valley 36Fo4
- 2007 Clear Creek State Park, Public Archaeological Education Program, archaeological excavations at the Frazier Sawmill Complex, 36Je73.
- 2007 Allegheny National Forest, Marienville Dist., Archaeological Field Technician.
- 2007 Tippins Industries, Pittsburgh, PA. Glenshaw Rockshelter Site 36AL482, artifact analysis and site geoarchaeology.
- 2007 Jefferson County History Center, Brookville, PA., participated in the design and construction of the "Native American Lifeways in Western Pennsylvania" exhibit
- 2006 Allegheny National Forest, Marienville Dist., Archaeological Field Technician.
- 2006 Jefferson County Historical Society, Inc, Brookville, PA. Preliminary Architectural Assessment: Humphrey Gristmill.
- 2005 Archaeological and Historical Consultants, Inc. Centre Hall, Pa., Sproul Site Raw Lithic Source Survey
- 2005-2006 Society for Pennsylvania Archaeology, Inc., National Register nomination, Shade Furnace Archaeological District.
- 2003 Heberling Assoc. Inc., Alexandria, Pa., Canoe Creek Lithic Source Survey
- 2003 Heberling Assoc. Inc., Alexandria, Pa., Lewistown Narrows Lithic Source Survey
- 2002 McCormick, Taylor & Assoc., Harrisburg, Pa., Chestnut Ridge Lithics Survey
- 2001 GAI, Inc. Monroeville, Pa., Juniata Lithics Project
- 1995 to 2004, Fritz Coal Inc., Stoystown, Pa., President and co-founder.

PUBLICATIONS:

Books

2016, *Shade Furnace: An early 19th Century Ironmaking Community in Somerset County, Pennsylvania*, Somerset, PA: Historical and Genealogical Society of Somerset County, Pennsylvania.

2014 *The Scripture Rocks: Why Douglas Stahlman Carved His Legacy in Stone*, co-authored with Kenneth Burkett, Brookville, PA: Jefferson County Historical Society.

Journal Articles

2017, with William H. Tippins, and Kenneth F. Fischer, *The Buffalo Creek Chert of Washington County, Pennsylvania*, *Pennsylvania Archaeologist*.

2017 *The Allegheny Cultural Divide of Southwestern, Pennsylvania*, *Pennsylvania Archeologist*.

2015, with Jason Espino, *Sand Manufacturing in Western Pennsylvania: The Spring Creek Glass Sand Works*, *Journal of the Society for Industrial Archaeology*.

2012 *Finding Fort Machault (36VE212)*, co-authored with William Black, *Pennsylvania Archaeologist*, 82 (2):34-43.

2003 *Mount Davis Tar Kiln (36SO287): Archaeological Surface Survey and Historical Study*. *Pennsylvania Archaeologist*. 73 (2):31-48.

2003 *Assembling a Comparative Collection for Prehistorically Utilized Lithics of Bedford County, Pennsylvania*. *Journal of Middle Atlantic Archaeology* 19:113-128.

REPORTS:

2018 *Geomorphological Investigation, Hurley Gravel Mine, Town of Southport, Chemung County, New York*, Report prepared for Hudson Valley Cultural Resource Consultants, LTD., Poughkeepsie, NY.

2018 *Geomorphology Survey, Millers Run Greenway Trail, Loyalsock Township, Lycoming County, Pennsylvania*, Report prepared for SWCA Environmental Consultants, ER# 2018-8033-081.

2017 *Geomorphological Investigation, North Hudson Camping and Equestrian Center, Town of North Hudson, Essex County, New York*. Report prepared for Hudson Valley Cultural Resource Consultants, LTD., Poughkeepsie, NY.

2017 *Archaeological Phase I/II Survey, Wynn and Clara Tredway River Trail Extension, Allegheny Township, Westmoreland County, Pennsylvania*, prepared for Senate Engineering Company, Pittsburgh, PA, ER# 2017-8259-129.

2017 Archaeological Phase I Survey, Clarview Sanitary Sewer Extension, Piney Township, Clarion County, Pennsylvania, Report prepared for The EADS Group, Inc., Clarion, PA, ER# 2017-1197-031.

2017 Archaeological Phase I Survey, Presque Isle Light Station, Millcreek Township, Erie County, Pennsylvania, Final Report prepared for Presque Isle Light Station and Presque Isle State Park, ER# 2016-1278-049.

2016 Archaeological Phase I Survey, Brookview Farms Project, Jackson Township, Butler County, Pennsylvania, Final Report Prepared for Future Development Group, Evans City, PA, ER# 2016-0739-019.

2016 Geomorphological and Phase IA Archaeological Survey, Midland Terminal Upgrades Project, Beaver County, Pennsylvania, ER No. 2016-0013-007, Prepared for Tectonic Engineering and Surveying Consultants P.C., Mountainville, NY

2015 *Phase I Archaeological Survey, Apex Energy, LLC Davis Pipeline Installation Project, East Franklin and Sugar Creek Townships, Armstrong County, Pennsylvania.* ER No. 2015-0663-005, prepared for Botsford Surveying, Inc., Marion Center, PA

2014 *Phase III Data Recovery, Smiths Basin Prehistoric Quarry Investigation, Town of Hartford, Washington County, New York,* OPRHP 08PR02007/USACOE #2000-00407, prepared for City/Scape: Cultural Resource Consultants, White Plains, NY.

2014 *Geoarchaeology of the Schoharie Hill Prehistoric Chert Quarries, New York Portion of the Constitution Pipeline Project, Schoharie County, New York,* prepared for URS Corporation, Burlington, NJ.

2014 *Geomorphological Investigation, Westfall Senior Apartments Project, Westfall Township, Pike County, Pennsylvania,* ER No. 2014-2481-257, prepared for City/Scape Cultural Resource Consultants, White Plains, NY.

2014 *Geospatial Reconstruction of the 1959-1960 Excavations of the Chambers Site (36LR0011), Edinburg, Lawrence County, Pennsylvania,* prepared for the Delaware Tribe of Indians, Bartlesville, OK.

2013 *Standard Silicon Spring Creek Glass Sand Works Archaeological Mapping Project, Marienville District, Allegheny National Forest, Jencks Township, Forest County, Pennsylvania,* CRRR No. 09-19-02-759, ER No. 2010-1939-042, co-authored with Jason Espino, prepared for USDA Forest Service, Allegheny National Forest Marienville District, Marienville, PA.

2013 *Phase II Archaeological Survey, Project Construction Phase B, Hawthorn-Redbank-Redbank Municipal Authority Sewer Installation Project, Armstrong and Clarion Counties, Pennsylvania,* ER No. 2012-0168-042, co-authored with G Travis Bercel, Prepared for Senate Engineering Company, Pittsburgh, PA.

2013 *Phase IB Archaeological Survey, Project Construction Phase B, Hawthorn-Redbank-Redbank Municipal Authority Sewer Installation Project, Armstrong and Clarion Counties, Pennsylvania*, ER No. 2012-0168-042, co-authored with G Travis Bercel, Prepared for Senate Engineering Company, Pittsburgh, PA.

2012 *Phase IB Archaeological Survey, Project Construction Phase A, Hawthorn-Redbank-Redbank Municipal Authority Sewer Installation Project, Armstrong and Clarion Counties, Pennsylvania*, ER No. 2012-0168-042, Prepared for Senate Engineering Company, Pittsburgh, PA.

2012 *Phase I Archaeological Survey: Caulfield Park Improvement Project, Borough of Enon Valley, Lawrence County, Pennsylvania*, ER. No. 2012-2169-073, prepared for the Enon Valley Borough, Enon Valley, PA.

2012 *Phase IA Archaeological Survey and Geomorphological Investigation Hawthorn-Redbank-Redbank Municipal Authority Sewer Installation Project, Armstrong and Clarion Counties, Pennsylvania*, ER No. 2012-0168-042, Prepared for Senate Engineering Company, Pittsburgh, PA.

2012 *Scripture Rocks Mapping Project Port Barnett Jefferson County, Pennsylvania*. Brian L. Fritz and Kenneth Burkett, prepared for the Jefferson County Historical Society, Brookville, PA and the Pennsylvania Historical and Museum Commission, Harrisburg, PA.

2012 *Geomorphological Investigation of Salmon Creek Dispersed Recreational Areas, Allegheny National Forest, Marienville District, Forest County, Pennsylvania*, CRR# 09-19-02-699, Prepared for the USDA Forest Service and the Jefferson County Historical Society, Brookville, PA.

2011 *Soil Geomorphology of the Millstone Site (36el204) and Riverview Site (36el203), Allegheny National Forest, Elk County, Pennsylvania*. Master's Thesis, University of Akron, Ohio.

2010 *Robin Island Complex Phase I/II Archaeological Survey, Marienville Ranger District, Allegheny National Forest, Millstone Township, Elk County, Pennsylvania*, CRR# 09-19-02-666. Prepared for the USDA Forest Service and the Jefferson County Historical Society, Brookville, PA.

2010 *Phase IB Archaeological Assessment of Small Quarry/Workshop Site Callanan East Kingston Quarry Town of Ulster Ulster County, New York*. Report prepared for City/Scape Cultural Resource Consultants White Plains, New York and Callanan Industries, Inc. Albany, New York

2009 *Arroyo Tannery Heritage Site Archaeological Mapping Project Allegheny National Forest Spring Creek Township Elk County, Pennsylvania*. Report and Maps prepared for Jefferson County Historical Society, Inc., Allegheny National Forest, USDA Forest Service, and Lumber Heritage Region of Pennsylvania.

2008 *Cultural Resource Report for the Clarion River Dispersed Recreation Project, CRR# 09-19-02-389, Millstone and Spring Creek Townships, Elk County, Pennsylvania.* co-authored with Amanda Glaz and Patty Stahlman.

2008 *Shade Furnace Archaeological District, Somerset County, Pennsylvania.* National Register of Historic Places, National Park Service.

2006 *Phase III Archaeological Data Recovery Investigations, Sites 36BL60 and 36BL62. S. R. 0022, Section 010, Canoe Creek Improvements, Frankstown Township, Blair County, Pennsylvania,* co-authored with Paul Raber, Jonathan A. Burns, Nicole Cooper Minnichbach, and Frank J. Vento.

2004 *Phase III Archaeological Data Recovery Investigations, Sites 36JU104 and 36MI92, S.R. 0022, Sections A09 and A11, Lewistown Narrows, Juniata and Mifflin Counties, Pennsylvania,* co-authored with Paul Raber, Jonathan A. Burns, Nicole Cooper Minnichbach, Frank J. Vento, and Brenda Carr Weller.

CONFERENCE PRESENTATIONS:

Where are the Stratified Paleoindian Sites? Society for Pennsylvania Archaeology 89th Annual Meeting, Dubois, Pennsylvania, April 7, 2018.

Digging into Quarry Sites: Theoretical Approaches and New Analytical Methods for Understanding Mined Landscapes. Middle Atlantic Archaeology Conference, March 17, 2018, Virginia Beach, Virginia.

Digging into Quarry Sites: Theoretical Approaches and New Analytical Methods for Understanding Mined Landscapes. Archaeology Council Symposium, West Middlesex, Pa., April 15, 2016

The Elusive Buffalo Creek Chert of Washington County, Pennsylvania, Society for Pennsylvania Archaeology 85th Annual Meeting, West Middlesex, Pennsylvania, April 16, 2015.

The Scripture Rocks of Brookville, Pennsylvania: GIS Mapping of Historic Rock Art Carved by Douglas Stahlman, 1911-1915, 10th Annual Northwest Pennsylvania GIS Conference, Clarion, PA, October 15, 2015

Avoiding Archaeological Pitfalls, Association of Environmental and Engineering Geologists 58th Annual Meeting, Pittsburgh, PA, September 25, 2015

Geospatial Reconstruction of the 1959-1960 Excavations of the Chambers Site (36lr0011)Edinburg, Lawrence County, Pennsylvania, Northwest Pennsylvania Geographic Information Systems Conference, Clarion, Pa., October 17, 2014.

Archaeological Mapping of the Spring Creek Glass Sand Works, Allegheny National Forest, Forest County, Pennsylvania. The Society for Pennsylvania Archaeology 84th Annual Meeting, Greensburg, Pennsylvania, April 6, 2014.

Mapping the Arroyo Tannery Heritage Site, Allegheny National Forest, Elk County, Pennsylvania. Byways to the Past XIV: The Eighth Annual Conference on Historic Preservation and Transportation Projects, Pittsburgh, Pennsylvania, July 17, 2013.

Soil Geomorphology of the Millstone Site (36EL204) Allegheny National Forest, Elk County, Pennsylvania. Eastern States Archaeological Federation 79th Annual Meeting, Perrysburg, Ohio, October 26, 2012.

GIS Modeling of Stream Terraces for Geomorphology and Archaeology. 7th Annual Northwest Pennsylvania Geographic Information Systems Conference, Clarion, Pa., October 18, 2012.

Mapping the Arroyo Tannery Heritage Site, Allegheny National Forest, Elk County, Pennsylvania. The Society for Pennsylvania Archaeology 83rd Annual Meeting, Clarion, Pa., April 15, 2004.

Soil Geomorphology of the Millstone Site (36EL204) Allegheny National Forest, Elk County, Pennsylvania. Brian L. Fritz and John P. Szabo, Geology Society of America Northeastern/North-Central Section Meeting, Pittsburgh, PA., March 22, 2011.

Excavations at the Frazier Sawmill Blacksmith Shop. Co-presenter with Amanda L. Valko, Eastern States Archaeological Federation 74th Annual Meeting, South Burlington, Vt., November 9, 2007.

GIS and LiDAR for Archaeological and Geomorphological Applications in Western Pennsylvania. Northwest Pennsylvania GIS Conference, Clarion, Pa., October 18, 2007.

Clarion Furnace. Co-presenter, Byways to the Past VIII: The Eighth Annual Conference on Historic Preservation and Transportation Projects, Indiana, Pa., May 17, 2007.

GIS Based Distance-Decay Modeling of the Cultural Distribution of Shriver and Loyalhanna Chert. Eastern States Archaeological Federation 73rd Annual Meeting, Fitchburg, Ma., Nov. 10, 2006.

Low Cost Ground Resistivity at Stoystown Cemetery West. The Society for Pennsylvania Archaeology 75th Annual Meeting, Clarion, Pa., April 25, 2004.

The Role of Avocational Archaeology in Pennsylvania. Pennsylvania Archaeology Council Symposium, Clarion, Pa., April 25, 2004.

Assembling a Comparative Collection for Prehistorically Utilized Lithics of South-Central Pennsylvania. Society for American Archaeology 69th Annual Meeting, Montreal, CN April 1, 2004

ORGANIZATIONS:

Society for American Archaeology, member
Society for Pennsylvania Archaeology, Inc., member and Past President
Pennsylvania Historic Preservation Board, member

Geological Society of America, member
Pittsburgh Geological Society, member
Eastern States Archaeological Federation, member
Society for Industrial Archaeology, member

PROFESSIONAL CERTIFICATIONS:

Registered Professional Archaeologist (RPA)
Geographic Information Systems Professional (GISP)

AWARDS:

Leadership in History Award, American Association for State and Local History, 2017
Mason Award, Society for Pennsylvania Archaeology, 2016
Leadership in History Award, American Association for State and Local History, 2015
Kat M. Scott Award, Jefferson County Historical Society, 2014
Archey Award, Society for Pennsylvania Archaeology, 2000