

## **PERSONAL BACKGROUND**

Name: Jeri Lee Jones  
Home Address: 2223 Stoverstown Rd,  
Spring Grove, PA 17362  
Telephone: (717) 887-7103  
Birthdate: April 7, 1954  
Family: Wife - Rev. Lou Ann (Earnst) Jones

## **EDUCATION BACKGROUND**

1968-1972 William Penn Senior High, York, PA  
1972-1977 Catawba College, Salisbury, NC  
1984-1985 Millersville University, PA (Graduate Work)

## **PROFESSIONAL POSITIONS**

1974-1977 Geologist, Museum of Anthropology, Catawba College  
1977-1984 Consulting Geologist, Museum of Anthropology, Catawba College  
1979-1988 Assistant Project Coordinator, York County Parks  
1981-1992 Adjunct Professor in Earth Sciences, York College of PA  
1882 – 2015 – Consulting Geologist, Codorus Stone & Supply Co. Emigsville, PA  
1988-2017 - Program Facilitator, York County Parks  
2008 – Present – Instructor. OLLI Program, Penn State – York Campus  
1996 - 2011 - Continuing Education Instructor - HACC- Gettysburg Campus (program discontinued)  
2003 – 2014 Clay Consultant, Susquehanna Speedway Park, Newberrytown, PA  
2004 – Present – Clay Consultant, Lincoln Speedway, Abbottstown, PA  
2012 – 2015 – Earth and Space Science Professor, Messiah College, Grantham, PA  
2015 - Present - Clay Consultant, Selingsgrove Speedway, Selingsgrove, PA  
2017 – 2022 – Special Columnist for the York Daily Record newspaper.  
2018 – Present – Clay Consultant for BAPS Speedway, Newberrytown, PA  
2018 – Present – Clay Consultant for Big Diamond Speedway, Pottsville, PA  
2018 - 2019 – Adjunct Faculty – York College of Pennsylvania  
2021 – Present - Earth and Space Science Professor, Messiah College, Grantham, PA  
2022 – Present – Retro York Blogger on Local Geology  
2022 – Present – Clay Consultant for Bloomsburg Farm Speedway

## **PROFESSIONAL ORGANIZATIONS**

1. Geological Society of America
2. 3. Pennsylvania Earth Science Teachers Association
4. Honorary Member Central Pennsylvania Rock and Mineral Club
5. Harrisburg Area Geological Society
6. York County Astronomical Society

## PROFESSIONAL MEETINGS

- April 1979: Presenter, Geological Society of America Southeast Section Meeting, Blacksburg, VA  
April 1980: Presenter, Pennsylvania Academy of Science Annual Meeting, Seven Springs, PA  
November 1980: Presenter, Friends of Mineralogy, Pennsylvania Chapter Meeting, West Chester, PA  
March 1992: Presenter, Geological Society of America Northeast Section Meeting, Harrisburg, PA  
October 1993: Presenter, Society for Industrial Archaeologists Iron Making Symposium, Scranton, PA  
October 1997: Presenter, Seismological Society of America, Eastern Chapter Meeting, Ottawba, Canada  
October, 1998: Presenter, Seismological Society of America, Eastern Chapter Meeting, Millersville University, Millersville, PA  
November, 2000: Presenter - Geologic Teaching Workshop, Millersville University, Millersville, PA  
March 2004: Presenter, Geological Society of America Northeast Section Meeting, Reston, VA  
March 2005: Invited Presenter, Geological Society of America Northeast Section Meeting, Saratoga Spring , NY  
March 2006: Presenter, Geological Society of America Northeast Section Meeting, Camp Hill, PA  
March 2008: Presenter, Geological Society of America Northeast Section Meeting, Buffalo, NY  
March 2009: Co-Presenter, Geological Society of America Northeast Section Meeting, Portland, ME  
March 2010: Co-Presenter, Geological Society of America Northeast Section Meeting, Baltimore, MD –  
3 different programs  
December, 2010: Presenter at the Pennsylvania Science Teachers Association, Hershey, PA  
March, 2011: Co-Presenter, Geological Society of America Northeast Section Meeting, Pittsburgh, PA  
March, 2012: Co-Presenter, Geological Society of America Northeast Section Meeting, Hartford, CT  
March 2103: Presenter, Geological Society of America Northeast Section Meeting, Bretton Woods, NH  
March 2014: Presenter, Geological Society of America Northeast Section Meeting, Lancaster, PA  
March 2014: Co-Leader for “Geology and Structure of the Chillhowee Group in Lancaster and York Counties:  
Fieldtrip for the Geological Society of America Northeast Section Meeting, Lancaster, PA  
October 2014 – Leader, Fossil Collecting in Adams and Franklin Counties, PA. Pre-conference fieldtrip for  
the Field Conference of Pennsylvania Geologists, Carlisle, PA  
October 2015 – Co-leader, Geology of Sweet Arrow Lake County Park and Fossil Collecting at  
New Ringgold, Schlykill County,  
PA, Pre-conference fieldtrip for the Field Conference of Pennsylvania Geologists, Pottsville, PA  
October 2015 – Co-leader for the St. Clair stop for the Field Conference of Pennsylvania Geologists, Pottsville, PA

## PROFESSIONAL EXPERIENCE

- 1972-1977 Volunteer - Harrisburg Astronomical Society observatory  
1975-1976 Staff Person, Catawba College Observatory  
1977 – Present Owner of Jones Geological Services, Spring Grove, PA in providing assorted geologic  
and astronomy programs  
1979-2017 Conduct presentations at civic organizations, schools and church groups concerning York County Parks,  
York County geology and astronomy  
1980-2017 Presented numerous earth science programs and workshops for York County Parks  
1980-Present Presented numerous geologic educational programs to schools and civic groups  
1984-2017 Presented numerous astronomical programs at John Rudy County Park Observatory  
1984-2014 Consulting Geologist for Codorus Stone & Supply Company, Emigsville, PA  
1987-1993 Worked on the Donation from Waste Management, Inc. to the York County Parks  
1988-2017 Responsible for year-around programs, media relations and advertising for the York County Parks  
1995-1999 Originated and responsible for programs presented on the "Discovery Center" operated  
by the York County Parks  
2005 - Worked in partnership with the U.S. Geologic Survey on a groundwater survey of West Manheim Township,  
Pennsylvania  
2008 – 2010– Co Investigator on the Dillsburg Earthquake Swarm, Dillsburg, PA

- 2013 – 2014 – Worked with the USGS on a Groundwater Study of Carroll Township, York County, PA
- 2014 Designed and constructed a geology/astronomy display involving Earth materials used in baseball for the Little League Museum, Williamsport, PA
- 2015 Development of Educational geologic program for the Haldeman Mansion, Bainbridge, PA
- 2017 Worked with Senior Geologist Rose-Anna Behr of the PA Geological Survey in creating trail guide for the York County Heritage Rail Trail.
- 2020 – Working with PA Geologic Survey on XRF analyses of Hanover-area iron ores and stoves plates from Mary Ann Furnace , Codorus State Park
- 2020 - Organized of the Zoom Rock Room, a weekly meeting of earth-interested residents where we provide educational programs and special presenters.
- 2017 – 2022 Columnist for York Daily Record on writing about local geology

### **FIELD AND LAB EXPERIENCE**

- 1974-1976 Field Investigator of the Bamford Zinc Mine, Lancaster County, PA done in conjunction with the Pennsylvania Geologic Survey
- 1974-1977 Field Research Assistant in various archaeological surveys and research in central North Carolina
- 1974-1978 Geologic Field Chief in mapping sections of the North Carolina Piedmont
- 1979 – 2017 – Program Director and Geologist for York County Parks
- 1979 - Present Consulting Geologist in conducting various mapping and mineral exploration projects in York and Adams Counties, Pennsylvania
- 1981 - 2014 - Consulting Geologist for Codorus Stone & Supply Company, Emigsville, PA
- 1991 – 2017 Conducted various archaeological research as part of York County Park's annual Archaeology Week summer program.
- 2005 - Cooperative Ground Water Survey of West Manheim Township, York County, PA with the USGS and York County Conservation District
- 2008 – 2010– Co-investigator with the Dillsburg Earthquake Swarm, Dillsburg, PA
- 2011 – Co-investigator with USGS on a groundwater study of Carroll Township, PA

### **AWARDS AND HONORS**

- 1968 God and Country Award, Boy Scouts of America
- 1972 Life Rank, Boy Scouts of America
- 1975 Chairperson, 1st Annual Lithic Symposium, Catawba College
- 1977 Chairperson, 2nd Annual Lithic Symposium, Catawba College
- 1977 Presidential Honor Roll, Catawba College
- 1977 May, Student of the Month, Catawba College
- 1979 Co-Chairperson, York Rock & Mineral Club Show
- 1981 Co-Chairperson, York Rock & Mineral Club Show
- 1982 President, York Rock & Mineral Club
- 1987 Co-Chairperson, York Rock & Mineral Show
- 1990 York County Parks Astronomical Society Recognition Award
- 1992 Outstanding Conservationist of the Year Award, York County Conservation District
- 2000 Organized 1st annual York County Parks Rock and Mineral at Richard Nixon County Park
- 2000 Organized 1st annual Dinosaur Weekend at Richard Nixon County Park
- 2006 Digman Award for Excellence in Geoeducation by the National Association of Geoscience Teachers - Eastern Section

## Selected Articles Written

- 1973 A preliminary investigation of the Bamford Zinc Mine, Lancaster County, PA
- 1974 Geology of the Southern Portion of the Hilton Quadrangle, Southwest Virginia.
- 1977 Geology of selected areas in the Uwharrie Volcanic Belt, south-central NC. B.S. Thesis, Museum of Anthropology, Catawba College
- 1977 Guide to the archaeology and geology of the Uwharrie Volcanic Belt in south-central North Carolina. Guide , 2nd Annual Lithic Symposium, Catawba College
- 1977 (and Peter P. Cooper, III) Some historical and physical facts and speculation on the origin of the Carolina Slate Belt. Catawba College Museum of Anthropology Special Publication 2.
- 1977 (and Peter P. Cooper, III) Historic and prehistoric resources of the Metro-Charlotte 201 Facilities, Mecklenberg County, NC
- 1978 The Bamford Zinc Mine: A Tribute. Pennsylvania Geology, December
- 1978 Stratigraphy of the Morrow Mountain Rhyolite, south-central North Carolina. Geological Society of America, Southeastern Section Meeting, Abstracts with Programs.
- 1979 Preliminary report on the geology of Three Hat Mountain, Davidson County, NC
- 1980 Paragenesis of the Dillsburg Cornwall-type magnetite deposit, York County, PA. Abstract, PA Academy of Science Program
- 1980 (with Jimell Goodman) The Dillsburg Iron Mines. Rocks and Minerals
- 1980 Self Guided Geology Trail of Nixon Park, York County Parks Trail Guide
- 1980 An unusual sinkhole occurrence at John Rudy Park, York County, PA. Pennsylvania Geology
- 1981 Geologic Guide to York County, Pennsylvania. York Rock & Mineral Club Special Publication 2
- 1982 Iron Mine Districts of York County, Pennsylvania. York Rock & Mineral Club, Informer, April
- 1982 Preliminary report on the paragenesis of the Dillsburg Iron Mines, York County, PA. Friends of Mineralogy, PA Chapter Newsletter. September
- 1983 Celestine at East Salem, Pennsylvania. Rock and Minerals
- 1985 Guide to selected geologic sites in Lancaster and York Counties, PA. York County Parks Guidebook 1
- 1987 The geology of the Codorus Stone Company Quarry, Emigsville, York County, PA. York Rock & Mineral Club Newsletter, April
- 1987 A geologic guide to Delta, York County Area. York County Parks Guidebook 2
- 1987 Guide to the geology between York and the Gettysburg Battlefield. York County Parks Guidebook 3
- 1988 The York Iron Company Mine, Seven Valleys, York County, PA. Friends of Mineralogy, PA Chapter Newsletter
- 1989 (with Paul Chrastina) The Whispering Hills: Geology of Lancaster and York Counties, Pennsylvania. Matrix Publishing, Dillsburg, PA
- 1991 The mining history of Springettsbury Township, York County, PA in History of Springettysbury Township, Springettsbury Township
- 1992 Mining History and general geology of Hellam Township, York County, PA in Comprehensive Plan of Hellam Township
- 1992 Progress report on the quarrying at the Codorus Stone Company Quarry near Emigsville, York County, PA
- 1993 Inventory of the iron mines in York County, PA. Industrial Museum of York County exhibit
- 1994 Mining history of Dover township, PA in History of Dover Township, Dover Township
- 1995 Limestone, Dolomite, Clay and Sand quarries of York County, PA. Industrial Museum of York County exhibit
- 1995 Time Walk - The Geology of York County video. Kondor Media. Accompanied with teacher text material
- 1996 Contributing Author for "Carbonates of the York, Pennsylvania Area - National Assoc. of Geoscience Teachers - Eastern Section Field Guide. York College of PA.
- 1996 Time Walk - The Delta Story video. Kondor Media
- 1997 Geologic Guide to the Pigeon Hills, York County, PA. Guidebook for the Hanover Chamber of Commerce.
- 1997 Iron Mine Atlas of York county, PA (with the York County Planning Commission).
- 1997 (with Dr. Charles Scharnberger). The Dillsburg Earthquake York County, PA.. Poster Exhibit - Seismological Society of America - Eastern Section Meeting, Ottawa, Canada.

1998 York County, Pennsylvania geology highlights tour guide. York County Parks Guide 3.

1998 (Robert Straw, York County EMA Director). Earthquake Hazard in York County, Pennsylvania: Are We Ready? Abstract and Program, Seismological Society of America, Eastern Section Annual Meeting, Lancaster, PA

1999 (with Dr. Charles Scharnberger). The Dillsburg Earthquake York County, PA.. Pennsylvania Geology, Spring/Summer.

1999 Preliminary Report on the Outstanding Geologic Features and York and Lancaster Counties, Pennsylvania. For the Lower Susquehanna River Heritage Park Proposal. York County Planning Commission.

1999 Geology and History of the Delta-Peach Bottom, York County Area. York County Parks Geology Fieldtrip Guide 4.

1999 Geology and Civil War History of York County. York County Parks Geology Fieldtrip Guide 5.

1999 Geology and Mining History on the Wojciehowski property, Heidelberg Township, York County, Pennsylvania. Jones Geological Services Special Report.

2000 Geology of Wizard Ranch and Camp Tuckahoe, York and Cumberland Counties, Pennsylvania. For the Boy Scouts of America, York-Adams Area Council.

2000 A Geologic Guide to Camp Tuckahoe Boy Scout Camp, York and Cumberland Counties, PA

2000 A Geologic Guide to Wizard Ranch Boy Scout Ranch, York County, PA

2000 Writer and Narrator - Time Walk - Triassic Park - Dinosaurs of York and Adams Counties, PA video. Kondor Media, York. Co-sponsored by Ronald McDonald House Charities.

2000 Railroad and Iron Mine History of York County, Pennsylvania. York County Parks Geology Fieldtrip Guide 6.

2000 Surface survey and sinkhole potential at the proposed U.S. Army Heritage Center, Carlisle, Pennsylvania

2001 Geology of the Piedmont Lowlands Guidebook, York and Lancaster Counties, Pennsylvania. York County Parks Fieldtrip Guide 7.

2001 Iron mines associated with the Codorus Creek Basin, western and southwestern York County, Pa. For Mackin Engineering Co., Mechanicsburg, PA.

2001 An archaeological update of the York Iron Company Mine, P. Joseph Raab County Park, York County, Pennsylvania (co-authored with Jay Reich and Roxann Rexroth)

2001 Geology and Mineral Resources of the Gettysburg area, Adams County, Pennsylvania, guidebook for Harrisburg Area Community College, Gettysburg Campus. (co-authored with G. Patrick Bowling, P.G.).

2002 Mineral Resources of Adams County, Pennsylvania, guidebook for Harrisburg Area Community College, Gettysburg Campus. (co-authored with G. Patrick Bowling, P.G.).

2002 Geology of the Gettysburg Basin in Adams County, Pennsylvania. Field Trip for the National Association of Geoscience Teachers, Eastern Section Meeting, Frederick, Maryland (co-authored with G. Patrick Bowling, P.G.)

2002 Gold in Southeastern Pennsylvania with collecting sites in Adams, Lancaster and York Counties, Pennsylvania (co-authored with Donald Schmerling). Published by Matrix Publishing, Dillsburg, PA

2002 General Geology and Mining History of York Township, York County, Pennsylvania. Written for York Township's 125th anniversary book.

2002 A Day with a Geologist Guide Book: Discovering locations in western York County, Pennsylvania. Guidebook for Harrisburg Area Community College, Gettysburg Campus.

2002 Fun with Geology Guidebook: A Look at the Geology of northern York County and Adams County, Pennsylvania. Guidebook for Harrisburg Area Community College, Gettysburg Campus.

2003 The Geology of the West Branch of the Codorus Creek and Codorus Creek, York County, Pennsylvania. Prepared for Aquatic Resource Restoration Company.

2003 An Update on the Geology and Mineralogy of the Codorus Stone & Supply Company quarry, Emigsville, Pennsylvania.. Prepared for the company.

2003 Geology of Adams County with a stop in Franklin County Guidebook. Guidebook for the "Geology of Adams County" field trip for HACC-Gettysburg Campus. Co-authored with G. Patrick Bowling.

- 2003 Preliminary Report on the Geology of Big Indian Rock (36La184) and Little Indian Rock (36La185), Lancaster County, Pennsylvania prepared for the Friends of the Safe Harbor Petroglyphs.
- 2003 Geologists Needed in York County, Pennsylvania Guidebook for Harrisburg Area Community College - Gettysburg Campus Continuing Education Program.
- 2003 Geologic Guide to the Pigeon Hills, York County, PA. Hanover Chamber of Commerce Road Tour Brochure, Hanover, PA.
- 2004 Quarry History in the Bittinger Station Area near Hanover, Adams County, Pennsylvania for Vulcan Materials Company in Hanover.
- 2005 The Peach Bottom Slate in southeastern Pennsylvania - Once the best building slate in the world. *Northeastern Geology and Environmental Sciences*, v. 27, no. 3, p. 191-196.
- 2005 A Groundwater Survey of West Manheim Township, York County, Pennsylvania (co-authored with Kathlryn Low). Project conducted with a partnership with the United States Geological Survey and the York County Conservation District.
- 2006 A update on the Geology of Codorus Stone & Supply Company Quarry in Emigsville, PA
- 2006 A Tiny Look at a Large Quarry: The Micromineralogy of Valley Quarry, Gettysburg, Pennsylvania. (co-authored with Larry Eisenberger). *Rocks and Mineral Magazine*, May/June.
- 2006 The Peach Bottom Slate - Once the Best Building Slate in the World Guidebook for the National Meeting of the Geological Society of American Meeting in Philadelphia (Co-authored by Dr. Charles Scharnberger, Mary Ann Schlegel and Donald Robinson).
- 2007 - Geology and Mining History of Washington Township, York County, Pennsylvania
- 2008 - TimeWalk - A Journey through Time in Adams, Lancaster and York Counties, Pennsylvania.
- 2008 Preliminary Investigation to Locate Mary Ann Furnace on the Rummel Farm Property for Codorus State Park, West Manheim, York County, Pennsylvania (co-authored with Rose-Anna Behr of the PA DCNR Department of Topographic and Geologic Survey)
- 2008 Suggestions to begin an Archaeological Survey and Interpretive Program for the Mary Ann Furnace, Codorus State Park, Hanover, Pennsylvania.
- 2008 Recommended Slate Roofing Resources for Poplar Hill on His Lordship's Kindness, conducted for the Walton Foundation.
- 2009 Fossil Collecting in Perry County, Pennsylvania – The Roth Road and Airport Road Sites
- 2009 The 2008-2009 Earthquake Swarm near Dillsburg, Pennsylvania. Co-authored With Won-Young Kim, Mitchell Gold, Charles Scharnberger and Helen Delano Pennsylvania Geological Survey Open-File Mis. Invest. Report 09-01.0.
- 2009 Carroll Township and the Earthquake Swarm, Carroll Township Newsletter, January. Co-authored with Dr. Charles Scharnberger.

- 2009 Update on the Dillsburg Earthquake Swarm, Carroll Township, Pennsylvania Carroll Township Newsletter, July. Co-authored with Dr. Charles Scharnberger.
- 2010 Blasts and Shakes from the Past, Fieldtrip Guide designed for Renfrew Institute, Waynesboro, PA.
- 2010 Geologic Guide to Selected Sites in Lancaster County, Pennsylvania, Fieldtrip Guide designed for Harrisburg Area Community College, Lancaster Campus.
- 2011 Brief Guide to the Geology of Adams County, Pennsylvania. Fieldtrip Guide for HACC- Gettysburg Campus Continuing Education Course.
- 2011 Geology of the western portion of York County. Guide for York County Parks fieldtrip, York County Parks Guide #10.
- 2012 History of Iron Mining and Furnaces in York County, Pennsylvania for OLLI-Penn State Program, York, PA.
- 2013 Geology of South Mountain and the Frederick Valley, Pennsylvania and Maryland for Renfrew Institute annual geology fieldtrip, Waynesboro, PA.
- 2014 Stratigraphy and Structure of the Chillhowee Group in Lancaster and York Counties, Pennsylvania. Geol. Soc. Of America, Northeastern Section Meeting Fieldtrip, Lancaster, PA (Co-leader).
- 2014 Quarry Stomping and Civil War History in the Gettysburg-Chambersburg Area, Pennsylvania for Renfrew Institute annual geology field trip. Waynesboro, PA
- 2014 Fossil Collecting in Adams and Franklin Counties, Pennsylvania for Pre-conference field trip for the Field Conference for Pennsylvania Geologists, Carlisle, PA
- 2015 Geologic Guide to the Front Royal and Strasburg area, Virginia, including stops on the Skyline Drive for Renfrew Institute annual geology field trip. Waynesboro, PA
- 2015 Geology of Sweet Arrow Lake County Park and Fossils at New Ringgold, Schuylkill County, Pennsylvania, for Pre-conference field trip for the Field Conference for Pennsylvania Geologists, Pottsville, PA (co-authored with Bob Evanchalk).
- 2015 Geology and Fossils at the Reading Anthracite Coal Mine, St. Clair, Pennsylvania. A Stop for the Field Conference for Pennsylvania Geologists, Pottsville, PA
- 2015 An Analysis of Samuel Steman Haldeman and the Mansion: Recommendations for School/Public Programming for the Samuel Haldeman Mansion Preservation Society.
- 2015 An Educational Geologic and Archaeologic Tour of the Haldeman Mansion Property for the Samuel Haldeman Preservation Society.
- 2016 Jones, J. L., and Behr, Rose-Anna. A guide for the geologic tourist to the Northern Extension of the York County Heritage Rail Trail: Pennsylvania Geological Survey, 4th ser., Trail of Geology 16–116.0, 14 p.
- 2017 Jones, J.L., and Behr, Rose-Anna. A guide for the geologic tourist to the York County Heritage Rail Trail, Pennsylvania Geological Survey, 4th ser., Trail of Geology, 17.119.0. 26 p.

2017 Jones, J.L., Cuffey, Roger J., and Gordon, Kathy. A Probable Protosuchian (Crocodilian) Footprint from the Late Triassic in South-Central Pennsylvania. Pa. Geology, v., 47, no. 1, p. 3 – 7.

2018 Stomping Through Time in South Mountain in Franklin and Adams Counties, Pennsylvania. Field Guide for the Annual Renfrew Institute Geology Bus Trip.

2018 Jones, J.L. and Low, Dennis. Isabella and Trent's Hot Air Balloon Adventure: A Kid's Book of Pennsylvania Geology. Amazon.

2019 – Slate Resources of the United States chapter for “World Slate Resources”

2019 – Let's Go Fossil Collecting to West Virginia. Field Guide for the Annual Institute at Renfrew Geology Bus Trip.

2020 – Wrote and produced a You Tube video on the Geology of Sweet Arrow County Park, Pine Grove, PA (co-narrated with Savannah Conley).

2020 – Geologic Guide to the Northwest Lancaster County River Tail, Lancaster County, Pennsylvania. Sponsored by the Susquehanna River Heritage and Rivertownes, Inc.

2021 – Metalling through South Mountain, PA for The Institute, Waynesboro's Annual Geology Field Trip (with Brittany Martin).

2022 – A Tour through South Mountain in Pennsylvania and Maryland. Annual Field Trip for The Institute, Waynesboro, PA.