

ACADEMIC AND PROFESSIONAL HISTORY

October 2023

WILLIAM R. BRICE

Professor Emeritus, Geology & Planetary Science
University of Pittsburgh at Johnstown
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Mike Henderson Photo

EDUCATION:

University of Florida, Gainesville, Florida (1954-1958) - Bachelor of Science (B.S.) in physics and mathematics (1958)

University of Tasmania, Hobart, Tasmania, Australia (1963-1965) - Diploma of Education (Dip. Ed.) in science education (1965).

Cornell University, Ithaca, New York (1967-1968) - Master of Science for Teachers (M.S.T.) in earth science education (1968).

Cornell University, Ithaca, New York (1968-1971) - Doctor of Philosophy (Ph.D.) in geochemistry (1971).

FIELDS OF SPECIALIZATION:

Special: History of the Oil and Gas Industry
Special: Astronomy (Solar System)
Special: Igneous & Metamorphic Petrology
Special: History & Philosophy of Science

General: Geology

Special: History of Geology
Special: Mineralogy
Special: Soil Science
Special: Theater Lighting Design

ACADEMIC POSITIONS:

University of Pittsburgh at Johnstown:

Professor Emeritus	2005-Present
Professor	1988-2005
Chairperson, Division of Natural Sciences	1993-1997
Associate Professor	1976-1988
Assistant Professor	1971-1976

Institute for Shipboard Education

Professor of Geology & Oceanography	Fall Voyage 2005
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Cornell University (Summer Session)

Visiting Professor	1990-2002
Visiting Associate Professor	1977-1990
Visiting Assistant Professor	1976
Instructor - Shell Summer Merit Program	1970 & 1971

University of Pittsburgh Center for the Philosophy of Science
Associate 1987-Present

State University at Campinas (UNICAMP), Campinas, SP, Brazil
Visiting Lecturer and Researcher, 1992, 2001

Tasmanian College of Advanced Education - Hobart, Tasmania, Australia
Visiting Professor - Teacher Training Department January-May 1978

University of Tasmania, Hobart Tasmania, Australia
Research Associate - January-May 1978

Clermont High School - Clermont, Florida
Head, Science Department 1965-67
Science/Math Teacher (Physics & Mathematics) 1960-62

Australian Broadcasting Company Studio Teacher 1963-65
Initial Educational Television Programing in Tasmania

Taroona High School - Taroona, Tasmania, Australia
Assistant Master (Science & Mathematics) 1962-65

HONORS, AWARDS, AND GRANTS

William R. Brice Education Award
Created by the Petroleum History Institute, July 2023

The Mary C. Rabbitt History of Geology Award for 2018
History & Philosophy of Geology Division/Geological Society of America

Samuel T. Pees Keeper of the Flame Award 2015
Petroleum History Institute

Elected to membership:
International Commission on the History of Geological Sciences (INHIGEO)
June 2014

Travel Grant – September 2013
BraNobel Conference – Research-Innovation
Stockholm, Sweden, September 13-14.

The first annual *Yellow Dog Award* (2011)¹ for excellence in oil history

¹ Yellow dog is the name given to the cast iron, twin-spout pot that was used as a crude oil-burning lamp on the drilling rigs in the late 1800s. Today these “yellow dog” lanterns are prized items for collectors.

Parkersburg Oil & Gas Museum, Parkersburg, West Virginia.

John A. Mather Award for 2010
Friends of Drake Well, Inc.

The Gerald M. and Sue T. Friedman Distinguished Service Award 2008
History & Philosophy of Geology Division/Geological Society of America

Distinguished Service Award 2005
Petroleum History Institute

President's Award for Excellence in Teaching - 2004
University of Pittsburgh at Johnstown

Dr. Edward A. Vizzini Teacher of the Year Award - 2003
Division of Natural Sciences, University of Pittsburgh at Johnstown

Travel Grant - May 2001
IGE/UNICAMP
Universidade Estadual de Campinas, Campinas, SP, Brazil

Marquis Who's Who in America
1999, 2000, 2001, 2002, 2003, 2004, 2005
Albert Nelson Marquis Lifetime Achievement Award, 2020

Distinguished Service Award - 1999
Eastern Section/National Association of Geoscience Teachers
First Recipient of this Eastern Section Award

Fellow - Geological Society of America
Elected - October 1993

George Frederick Matthew Research Fellowship - August 1992
New Brunswick Museum, Saint John, NB, Canada

Travel Grant – May 1992
Fundo de Apoio as Ensinas e a Pesquisa, Universidade Estadual de Campinas
Campinas, SP, Brazil

Hall of Fame (Charter Member) - Inducted May 1989
Clermont High School; Clermont, Florida

Teaching Improvement Grant - 1982

Faculty Research Grant - 1980
University of Pittsburgh, Pittsburgh, Pennsylvania

Innovations in College Science Teaching - Third Place Award 1976
National Science Teachers Association/ OHAUS

PROFESSIONAL AFFILIATIONS

National Association of Geoscience Teachers ²	1971- 2012
Associate Editor, <i>Journal of Geoscience Education</i> ³	1985-1989
Member, NAGT Field Camp Scholarship Review Committee	1985-1989
Eastern Section/NAGT	
Chair, Review Committee	2000-2005
Distinguished Service Award	
Co-Organizer, Annual Meeting	1999
Secretary/Treasurer	1976-1992
Editor, Newsletter	1980-1982
Workshop Coordinator (Annual Meeting)	1980
Chairman, Membership Committee	1973-1974
Geological Society of America	
Elected to Fellowship	1974-Present
Member, External Awards Committee	1993
Abstract Reviewer (Annual Meeting)	1997-1998
Member, Educational Division	1980, 1997, 1998
Member, History & Philosophy of Geology Division	
Co-chair, History of the Petroleum Industry: Hydraulic Fracturing – the 20 th and 21 st Century.	
GSA Annual Meeting, Seattle, Washington, October 23, 2017	
Co-Chair; 250 Years of Geology in the Northeast: Northeastern Section Meeting, Hartford, Connecticut, March 18	2012
Member, Awards Review Committee	2008-2017; 2019-2021
Mary C. Rabbitt Fund	
Chair, Proposal Review Committee	2007-2017
Secretary/Treasurer/Newsletter Editor	1998-2007
Chair, Awards Committee	1996-1997, 2013, 2019-2021
Member, North American Section	1996-1998

² Formerly "National Association of Geology Teachers."

³ Formerly "*Journal of Geological Education*."

Hutton-Lyell Bicentenary 1997-1998 Committee
Meetings-London and Edinburgh August 1997
and Toronto 1998

Chair	1995-1996
First Vice-Chair	1994-1995
Second Vice-Chair	1993-1994
Chairman, Nominating Committee	1985-1989
Member, Review Committee DNAG Volume	1984-1985
<i>Centennial Special Volume No. 1</i>	
Member	1981-1983

Committee for the Decade of North American Geology (DNAG)

Association for Women Geoscientists	1990-1999
Member, Education Committee	1993-1994

Drake Well Foundation	1998-Foundation Dissolved 2003
Member, Board of Directors	1995-2003
President	2003
Vice-President	2001-2003
Chairman, Planning Committee - 150 th Anniversary Drake Well Celebration	2009
Chairman, Symposium-History of the Oil Industry - June	2001
Member-Editorial Board of <i>Oil Industry History</i>	2000-2003

History of Earth Sciences Society	Charter Member 1982-Present
President	2003-2005
President-Elect	2001-2003
Associate Editor	2007-Present
<i>Earth Sciences History</i>	

Petroleum History Institute	Founding Member 2003-Present
Inaugural President	2003-2005
Second Vice-President	2013-2021
Board of Directors	2003-Present
Member-Editorial Board of <i>Oil-Industry History</i>	2003-Present
Editor <i>Oil-Industry History</i> 2003-2013	
Representative, <i>Oil 150</i> Steering Committee	2006-2009
Drake Well 150 th Anniversary Celebration Activities	
Bradford 150 th /50 th Celebration September 18-19, 2021	
Annual Meeting – Symposium Chair	2008-Present
Conference Chair, PHI Pittsburgh	2013
Conference Co-Chair, PHI Bradford	2014
Conference Co-Chair, PHI Saint John	2019
Conference Co-Chair, PHI Pittsburgh	2021

Friends of Drake Well, Inc.
Member Board of Directors 2015-2021
Member, Advisory Board 2021-Present

International Commission on the History of Geological Sciences (INHIGEO)
Elected to Membership June 2014
Editor, Annual Report 2016-2020.

Licensed Professional Geologist
New Hampshire 2003-2013

Baku Media Centre, Baku, Azerbaijan, June 2018
Petroleum History Consultant and On-camera interviewee
Film: *Heritage*; the story of the Nobel Brothers Petroleum Company
Directed by: Zaur Gasimli
Released in 2020

PUBLICATIONS

Published Articles:

BRICE, William R., 2023, Petroleum History Institute annual meeting and field trip; New Harmony, Indiana, May 11-13, 2023: *Oil-Industry History*, v. 24, no. 1, In Press

_____, 2023, Twists of fate in the early oil fields: *Explorer*, AAPG, October, p. 16-17, 21.

_____, 2021c, Alfred N. Mann (1929-2021): *Oil-Industry History*, v. 22, no. 1, p.217-218

_____, 2021b, Fossil illustrations in three dimensions: Ward's models at Cornell University, in Clary, R.M., Rosenberg, G.D., and Evans, D.C., eds., *The Evolution of Paleontological Art: Geological Society of America Memoir 218*, p. 127–137, [https://doi.org/10.1130/2021.1218\(15\)](https://doi.org/10.1130/2021.1218(15)).

_____, (Editor), 2021a, *Program and Abstracts: Petroleum History Institute Annual Oil History Symposium & Field Trip*, Pittsburgh, Pennsylvania, Sept 29-30, October 1, 44 p.

_____, (Editor), 2020c, Petroleum History Institute Annual Meeting and Field Trip; Saint John, New Brunswick, Canada, June 27-29, 2019 (Abbreviated): *IHIGEO Annual Record*, No. 52: International Commission on the History of Geological Sciences, Johnstown, PA, p. 47-48.

_____, 2020b, The Lady and Her Fossils; Katherine Van Winkle Palmer (1895-1982): Rock Stars Series, *GSA Today*, v. 30, no. 8 (August), p. 20-21.

_____, (Editor), 2020a, *IHIGEO Annual Record*, No. 52: International Commission on the History of Geological Sciences, Johnstown, PA, 225p.

_____, (Compiler), 2019e, *Oil-Industry History Index to volumes 1-19 (2000-2018): Oil-Industry History*, v. 20, no. 1, p. 99-173.

_____, 2019d, Petroleum History Institute annual meeting and field trip; Salt Lake City, Utah, July 17-19, 2018 (Abbreviated): *IHIGEO Annual Record*, No. 51: International Commission on the History of Geological Sciences, Johnstown, PA, p. 34-35.

_____(Editor), 2019c, *IHIGEO Annual Record*, No. 51: International Commission on the History of Geological Sciences, Johnstown, PA, 237p.

_____, 2019b, Petroleum History Institute Annual Meeting and Field Trip; Saint John, New Brunswick, Canada, June 27-29, 2019: *Oil-Industry History*, v. 20, no. 1, p. 1-16.

_____(Editor), 2019a, *Program and Abstracts: Petroleum History Institute Annual Oil History Symposium & Field Trip*, Saint John, New Brunswick, Canada, June 27-29, 22 p.

_____, 2018f, Acceptance: *Mary C. Rabbit Award in the History of Geology: History & Philosophy of Geology Division/Geological Society of America*, <https://www.geosociety.org/awards/18speeches/rabbitt.htm>. See also: 2019 *IHIGEO Annual Record*, No. 51: International Commission on the History of Geological Sciences, Johnstown, PA, p. 36-37.

_____, 2018e, Petroleum History Institute Annual Meeting Saint John, New Brunswick, Canada, The Land of Abraham Gesner June 27-29, 2019 (Announcement): *Oil-Industry History*, v. 19, No. 1, p. 181-182.

_____, 2018d, The Impact of Drake's Discovery on Maps of the Early Pennsylvania Oil Region: *Oil-Industry History*, v. 19, No. 1, p. 59-80.

_____, 2018c, Petroleum History Institute Annual Meeting and Field Trip; Findlay, Ohio, July 13-15, 2017 (Abbreviated): *IHIGEO Annual Record*, No. 50: International Commission on the History of Geological Sciences, Johnstown, PA, p. 43-44.

_____, 2018b, Petroleum History Institute annual meeting and field trip; Salt Lake City, Utah, July 17-19, 2018: *Oil-Industry History*, v. 19, No. 1, p. 3-12.

_____(Editor), 2018a, *IHIGEO Annual Record*, No. 50: International Commission on the History of Geological Sciences, 279 p.

_____, 2017c, Petroleum History Institute Annual Symposium and Field Trip, Casper, Wyoming, July 28-30, 2016: *IHIGEO Annual Record*, No. 49: International Commission on the History of Geological Sciences, Johnstown, PA, p. 39-41.

_____(Editor), 2017b, *IHIGEO Annual Record*, No. 49: International Commission on the History of Geological Sciences, Johnstown, PA, 211 p.

_____, 2017a, Petroleum History Institute Annual Meeting and Field Trip; Findlay, Ohio, July 13-15, 2017: *Oil-Industry History*, v. 18, no. 1, p. 1-12.

_____(Compiler), 2016, *Oil-Industry History Index to volumes 1-16 (2000-2015): Oil-Industry History*, v. 17, no. 1, p. 185-242.

_____, 2015b, P. C. Boyle (1846-1920): The voice of early oil: *Oil-Industry History*, v. 16, p. 25-68.

_____, 2015a, Petroleum History Institute Annual Symposium and Field Trip: Tulsa, Oklahoma, April 30-May 2, 2015: *Oil-Industry History*, v. 16, p.1-13.

_____, 2014b, DAVID LEONARD McKAIN (1934-2014) – A Remembrance: *Oil-Industry History*, v. 15, no. 1, p. 203-204.

_____, 2014a, DAVID R. OLDROYD (1936-2014) – A Remembrance: *Newsletter*, History and Philosophy of Geology, Geological Society of America, December, p. 9-10.

_____, 2013b, Editorial and Meeting Report, Pittsburgh, Pennsylvania, May 16-18, 2013: *Oil-Industry History*, v. 14, no. 1, p. 1-8.

_____, 2013a, Nobel's invention in early U. S. oilfields: *BraNobel Conference*, Nobel Brothers' 2nd International Research-Innovation Conference, Stockholm, Sweden, September 13-14, 2013, *Conference Proceedings*, p. 36-63.

_____, 2012e, Editorial and meeting report – Houston, Texas, March 8-10, 2012: *Oil-Industry History*, v. 13, no. 1, p. 1-11.

_____, 2012d, The McDonald Oil Field, Pennsylvania – a new historical marker: *Oil-Industry History*, v. 13, no. 1, p. 151-154.

_____, 2012c, The Drake Well Museum – New Exhibits and symposium: *Oil-Industry History*, v. 13, no. 1, p. 177-186.

_____, 2012b, Memorial – John George Charles Martin Fuller (1926-2012): *Oil-Industry History*, v. 13, no. 1, p. 275-276.

_____, 2012a, Student Award for 2011 to Margaret Rosenburg (Citation): *Newsletter*, Geological Society of America, History and Philosophy of Geology Division, v. 36, no. 1 (February), p. 2. (http://www.gsahist.org/hapg_award/student_award2011.htm).

_____, 2011c, Ebenezer Baldwin Andrews (1821-1880) – pioneer oil geologist: *Oil-Industry History*, v. 12, no. 1, p. 15-46.

_____, 2011b, Editorial and meeting report, Mariette, Ohio, June 23-25, 2011: *Oil-Industry History*, v. 12, no. 1, p. 3-14.

_____, 2011a, Petroleum History Institute - its history, mission, and activities: *Outcrop* (Newsletter of the Rocky Mountain Association of Geologists), v. 60, no. 3 (March), p. 12-13, 15.

_____, 2010d, The Drake Well and unintended consequences: *Oil-Industry History*, v. 11, no. 1, p. 61-83.

_____, 2010c, Editorial and meeting report, Lafayette, Louisiana, April 29-May 1, 2010: *Oil-Industry History*, v. 11, no. 1, p. 1-13.

_____ (Compiler), 2010b, *Oil-Industry History* Index Volumes 1-10 (2000-2009): *Oil-Industry History*, v. 11, no.1, p.213-240.

_____, 2009c, Edwin Drake (1819-1880); his life and legacy: *Oil-Industry History*, v. 10, no. 1, p. 11-35.

_____, 2009b, Editorial and meeting report - Titusville, Pennsylvania, May 14-16, 2009; *Return to the Valley That Changed the World: Oil-Industry History*, v. 10, no. 1, p. 1-10.

_____, 2009a, Edwin L. Drake and his legacy: *Oilfield Journal*, p. 29-59.

_____, 2008c, Samuel M. Kier (1813-1874); the oft-forgotten oil pioneer: *Oil-Industry History*, v. 9, no. 1, p. 73-96.

_____, 2008b, Editorial and meeting report - Oil Springs, Ontario, Canada: *Oil-Industry History*, v. 9, no. 1, p. 1-8.

_____, 2008a, The History of Geology Division/GSA - A brief history: *The Compass*, v. 81, nos.1-4, p. 48-56.

_____, 2007b, Editorial and Meeting Report: *Oil-Industry History*, v. 8, no. 1, p. 1-8.

_____, 2007a, Williams, Henry Shaler:
<http://www.anb.org/articles/13/13-02669-article.html>; *American National Biography Online* October 2007 update.

_____, 2006b, History Groups Celebrate Anniversaries at Philadelphia GSA Meeting – October 2006: *GSA Today*, v. 16, no. 10, p. 18-19.

_____, 2006a, Editorial and meeting report: *Oil-Industry History*, v. 7, no. 1, p. 15-28.

_____, 2005, Editorial and meeting report: *Oil-Industry History*, v. 6, no. 1, p. 1-5.

_____, 2004f, Editorial and Mount Morgan: *Oil-Industry History*, v. 5, no. 1, p. 1-2.

_____, 2004e, Gilbert D. Harris (1864-1952)-Cornell Professor, Louisiana State Geologist, and long distant oil consultant: *Oil-Industry History*, v. 5, no. 1, p. 59-83

_____, 2004d, Editor's Note - Recollections: *Oil-Industry History*, v. 5, no. 1, p. 84.

_____, 2004c, Henry Shaler Williams (1847-1918) and punctuated equilibria: *Earth Sciences History*, v. 23, no. 1, p. 32-40.

_____, 2004b, Eastern Section NAGT 2004 Distinguished Service Award - Professor Lawrence Matson: *Bulletin National Association of Geoscience Teachers/Eastern Section*, v. 54, no. 3, p. 1, 3.

_____, 2004a, History of Geology Division receives bequest: *GSA Today*, v.14, no. 2, p. 22-23.

_____, 2003b, Editor's note; recollections: *Oil-Industry History*, v. 4, no. 1, p. 86.

_____, 2003a, Editorial; a new editor and a new organization: *Oil Industry History*, v. 4, no. 1, p. 1.

_____, 2002b, Abraham Gesner (1797-1864) - A petroleum pioneer: *Oil-Industry History*, v. 3, no. 1, p. 72-80.

_____, 2002a, Citation for Robert K. Ridky - Eastern Section/NAGT Distinguished Service Award 2002: *Bulletin National Association of Geoscience Teachers/Eastern Section*, v. 50, No. 3, p. 1, 3.

_____, 2001d, Tasmania (Invited Presentation): The College Club of Pittsburgh, Pittsburgh, October 11.

_____, 2001c, Biographical sketch; Abraham Gesner (1797-1864): 3 p. Addition to: Reprint of GESNER, Abraham, 1861/2001, *Practical treatise on coal, petroleum, and other distilled oils*: Baillière Brothers, New York, 134 p. [Reprinted by Drake Well Foundation].

_____, 2001b, Citation for Hugh S. Torrens - History of Geology Awardee 2000: *GSA Today*, v. 11, No. 2, p. 41.

_____, 2001a, Thin-section grain location marking: *Journal of Geoscience Education*, v. 49, no. 1, p. 64-65.

_____, 2000b, Citation for Brian B. Tormey - Eastern Section NAGT Distinguished Service Award for 2000: *Bulletin National Association of Geoscience Teachers/Eastern Section*, v. 50, no. 3, P. 1, 4.

_____, 2000a, Henry Shaler Williams (1847-1918) and the Pennsylvanian Period: *Northeastern Geology and Environmental Sciences*, v. 22, no. 4, p. 286-293.

_____, 1999f, History of geological exploration in the Johnstown region: *Guidebook and Program*, Annual Meeting, Eastern Section/National Association of Geoscience Teachers, Johnstown, PA, p. 1-9.

_____, 1999e, Acceptance; Distinguished Service Award-1999: *Bulletin National Association of Geoscience Teachers/Eastern Section*, v. 49, no. 4, p. 5-6.

_____, 1999d, The world of petroleum before the Drake Well in 1859; Part II: *West Texas Geological Society Bulletin*, v. 39, no. 2 (October), pp.3, 5, 8-9.

_____, 1999c, The world of petroleum before the Drake Well in 1859; Part I: *West Texas Geological Society Bulletin*, v. 39, no. 1 (September), pp. 3-4, 6, 8-9.

_____, 1999b, TARR, Ralph Stockman: in GARRATY, John (Editor), *American National Biography*, New York, Oxford University Press, v. 21, p. 238-329.

_____, 1999a, John Fulton, surveyor, geologist, and friend of the Second Pennsylvania Geological Survey: *Southeastern Geology*, v. 38, no. 3, p. 203-214.

_____, 1998, Citation-Kennard Bork; History of Geology Awardee: *GSA Today*, v. 8, no. 3, p. 27-28.

_____, 1997, Gilbert Dennison Harris - Paleontologist, Teacher, and Consultant: *Northeastern Geology and Environmental Sciences*, v. 19, no. 1 & 2, p. 103-119.

_____, 1996b, John West Wells - A biographical memoir: *Biographical Memoirs*, National Academy of Science, v. 70, p. 2-7.

_____, 1996a, In memoriam; Harold Chester Fry, Jr., 1930-1995: *Journal of Geoscience Education*, v. 44, no. 2, p. 235.

_____, 1995, Field Camp in the Helderbergs-1900 to 1909: *Northeastern Geology and Environmental Sciences*, v. 17, no. 2, p. 188-194.

_____, 1994, Charles Frederick Hartt (1840-1878); the early years: *Earth Sciences History*, v. 13, no. 2, p. 160-167.

_____, 1992b, Trends in geoscience education in the United States - a view from the classroom: IG/UNICAMP, *Cadernos*, v. 2, no. 2, p. 159-175.

_____, 1992a, Geoscience education and the professional geologist-the need for greater cooperation: *The Professional Geologist*, v. 29, no. 11, p. 9-10.

_____, 1990, The role of simplicity in geology: in RESCHER, Nicholas, (Ed.) *Aesthetic factors in natural science*, CPS Series in Philosophy of Science, Center for Philosophy of Science, University of Pittsburgh, Lanham, MD, University Press of America, p. 85-95.

_____, 1989, Early geological exploration in the Johnstown area: in HARPER, John (Ed.) *Geology of the Laurel Highlands of Southwestern Pennsylvania, 54th Annual Field Conference of Pennsylvania Geologists Guidebook*: Bureau of Topographic and Geologic Survey, Harrisburg, PA, Department of Environmental Resources, p. 121-138 (References p. 150-159).

_____, 1988c, Cornell University campus-a unique geological laboratory in Ithaca, New York: *Northeastern Geology*, v. 10, no. 1, p. 19-24.

_____, 1988b, Devonian strata-route 30 near Breezewood, Pennsylvania: *Northeastern Geology*, v. 10, no. 1, p. 57-61.

_____, 1988a, Tarr and Alaska- preprint from the book *Cornell geology through the years*: Issued to commemorate the 100th anniversary of the founding of the Geological Society of America 1888-1988: Department of Geological Sciences, Cornell University, 12 p.

_____, 1985, Ralph Stockman Tarr; scientist-writer-teacher: In DRAKE, Ellen T. and JORDAN, William (Eds), *Geological ideas-a history of North American geology*: Geological Society of America, *Centennial Special Volume*, Number 1, p. 215-235.

_____, 1984b, Geology of the Johnstown area: In BERGER, Karl (Ed), *Johnstown-the story of a unique valley*, Johnstown, PA, Johnstown Flood Museum, p. 1-35.

_____, 1984a, Cornell geology, 1868-1984; a review: *Engineering Cornell Quarterly*, v. 19, nos, 2-3, p. 15-24.

_____, 1983b, *Geology and Johnstown*, Booklet to accompany the 10 TV programs shown on Johnstown Channel 19, Printed University of Pittsburgh at Johnstown, 44 p.

_____, 1983a, Brazilian roots: *GEO News*, Department of Geological Sciences, Cornell University, 4 p.

_____, 1982, Bishop Ussher, John Lightfoot and the time of creation: *Journal of Geological Education*, v. 30, p. 18-24.

_____, 1981, Charles Lyell and the geology of the Northeast: *Northeastern*

Geology, v. 3, p. 47-51.

_____, 1980, Geology teaching and science fiction: *Journal of Geologic Education*, v. 28, p. 105-106.

_____, 1978, Charles Lyell and Pennsylvania: *Pennsylvania Geology*, v. 9, no. 2, p. 6-11.

_____, 1977, Astronomy-fact and fiction: *Journal of College Science Teaching*, v. 8 p. 107-110.

Co-authored Publications:

AMBROSE, Jennifer and **BRICE**, William, 2007, Drilling the Munchausen Well; humor and the oil industry: *Oil-Industry History*, v. 8, no. 1, p. 69-82, Plus Foldout Page.

BREY, G., **BRICE**, W. R., ELLIS, D. J., GREEN, D. H., Harris, K. L., and RYABCHIKOV, I. D., 1983, Pyroxene-carbonate reactions in the upper mantle: *Earth and Planetary Science Letters*, v. 62, p. 63-74.

BRICE, William R. and BLACK, Marilyn, 2021, Petroleum History Institute annual meeting and field trip; Pittsburgh, Pennsylvania, September 29-30, October 1, 2021: *Oil-Industry History*, v. 22, no. 1, p. 1-14.

_____, 2011, 150 years of producing oil – McClintock Well Number 1 (1861-2011): *Oil-Industry History*, v. 12, no. 1, p. 157-160.

BRICE, William R. and BLOOM, Arthur, 2002, George A. Kiersch; April 15, 1918 - October 19, 2001: *Memorial Statements; Cornell University Faculty 2001-2002*, Office of the Dean of Faculty, Cornell University, Ithaca, NY, p. 28-31.

BRICE, William R., and CHANG, Luke, 1973, Subsolidus phase relations in aragonite-type carbonates; III. The systems $MgCO_3$ - $CaCO_3$ - $BaCO_3$, $MgCO_3$ - $CaCO_3$ - $SrCO_3$, and $MgCO_3$ - $SrCO_3$ - $BaCO_3$: *American Mineralogist*, v. 58, nos. 11-12, p. 979-985.

BRICE, William R. and FIGUEIRÔA, Silvia F. de M., 2022, John Casper Branner (1850-1922); rock star in two continents: *GSA Today*, v. 32, no. 7 (July), p. 36-37.

_____, 2003, Charles Frederick Hartt-A pioneer of Brazilian Geology: *GSA Today*, v. 13, no.3 (March), p. 18-19.

_____, 2001a, Charles Hartt, Louis Agassiz, and the controversy over Pleistocene glaciation in Brazil: *History of Science*, v. 39 (xxxix), p. 161-184.

_____, 1994, Charles Frederic Hartt and nineteenth century geological exploration in Brazil - the human cost: *In* : FIGUEIRÔA, Silvia F. de M., and LOPES, Margaret (Eds): *Geological Sciences in Latin America -scientific relations and exchanges* (INHEGEO Meeting July 1993), Instituto de Geociências, Universidade Estadual de Campinas, Campinas, SP, Brazil, p. 109-126.

BRICE, William R. and LAUER, Merle, 1977, The lapidarians have come!! The what?: *Journal of Geological Education*, v. 25, p. 150-152.

BRICE, William R. and LINT, Brenda, 1987, A manual of photographs as a teaching tool in petrology: *Journal of Geological Education*, v. 35, p. 206-207.

BRICE, William R. and KAKTINS, Uldis, 1985, *Guidebook-Johnstown area geology*: Annual Field trip, Pittsburgh Geological Society.

BRICE, William R., KUNITOMI, Dale S., MULQUEEN, Stephen P., and GRIGGS, David W. (Eds), 2022, *Petroleum History Institute 2022 annual symposium and field trip*: Santa Barbara, California, May 17-19, Petroleum History Institute, 101 p.

BRICE, William R., MIR-BABAYEV, Mir-Yusif, and ATABEYLI, Bahram, 2013c, Report - Nobel Brothers' 2nd International Research-Innovative Conference, Stockholm, Sweden, September 13-14, 2013: *Oil-Industry History*, v. 14, no. 1, p. 141-152.

BRICE, William R., OLIVER, Jack E., and BLOOM, Arthur L., 1996, Shailer S. Philbrick - May 11, 1908-August 19, 1994: *Memorial Statements; Cornell University Faculty 1994-1995*, Office of the Dean of Faculty, Ithaca, NY p. 74-77.

BRICE, William R. And PEES, Samuel T. (Co-Chairman), 1996, *History of oil and gas exploration in North America*: Symposium at the Drake Well Museum, July 18-20, 1996: Proceedings Volume, 23 p.

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_____, 2017a,b, The forgotten discoverer of kerosene – Abraham Gesner: Barbara Morgan Harvey Lecture Series, Venango College of Clarion University, Oil City, Pennsylvania, April 5 (Invited Speaker - morning middle school students; evening adults).

_____, 2016d, The early oil industry and the first “Fracking”: Northern Alleghenies Geological Society, Ebensburg, Pennsylvania, October 25 (Invited Speaker).

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_____, 2015b, P. C. Boyle and *The Oil Echo*: Petroleum History Institute Annual Meeting, May 1, Tulsa, Oklahoma, *Program and Abstracts*, p. 7

_____, 2015a, The Original *Frackers* and Others: Fossil Fuel Class, University of Pittsburgh at Johnstown, Johnstown, Pennsylvania, March 27.

_____, 2014e, The Early Years of the West Virginia Oil and Gas Industry: West Virginia University, Department of Geology & Geography, November 6 (Invited Speaker).

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_____, 2014c, Cornell Geology – The Early Years: Symposium Celebrating 125 years of Geological Society of America, Cornell University, Ithaca, NY (Invited Speaker), June 14.

_____, 2014b, Triumph over Adversity; Edwin Drake and Others: Dublin School; Dublin, NH; (Invited Earth Day Speaker) April 22.

_____, 2014a, “Fracking” - A Historical Perspective (Invited Banquet Speaker): Northeastern Section/Geological Society of America Annual Meeting, *2014 Abstracts with Programs*, v. 46, no. 2, p. 6.

_____, 2013g, P. C. Boyle (1846-1920) – The Voice of Early Oil and The Original *Anti-Fracker* – And the Roberts Brothers (Invited Paper): Drake Well Museum Fall Lecture Series, November 21.

_____, 2013f, P. C. Boyle (1846-1920) – the original *anti-fracker*, but for a different reason (Invited Paper): Geological Society of America Annual Meeting, *Abstracts with Programs*, v. 45, no. 7, p. 689.

_____, 2013e, James Hall (1811-1898) – the first GSA President (Invited Paper): Geological Society of America Annual Meeting, *Abstracts with Programs*, v. 45, no. 7, p. 212.

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_____, 2013b, The oceans of the world – at least some of them: Oceanography Classes, University of Pittsburgh at Johnstown, Johnstown, Pennsylvania, April 16 and 18.

_____, 2013a, History of Oil and Gas in Pennsylvania: Pennsylvania Council of Professional Geologists, Monroeville, Pennsylvania, April 18.

_____, 2012d, Edwin Drake and the Early Oil Industry: Annual Meeting, MENSA, Pittsburgh, Pennsylvania, September 1.

_____, 2012c, History of Oil and Gas in Pennsylvania: *Energy Symposium; Past, Present, and Future*, Pittsburgh Chapter, American Chemical Society, Drake Well Museum, Titusville, Pennsylvania, August 27.

_____, 2012b, Before Marcellus Shale: Lawyers as Catalysts of Pennsylvania's First Energy Boom: *The Steel Bar*, Symposium, University of Pittsburgh Law School, Law Review, March 28, Pittsburgh, Pennsylvania.

_____, 2012a, P. C. Boyle; *The voice of oil*: Petroleum History Institute Annual Meeting, March 9, Houston, Texas.

_____, 2011l, The Drake Well and Unintended Consequences: Bottle Works & Ethnic Arts Center, Johnstown, PA, November 11.

_____, 2011k, Climate Change – Past, Present and Future: College Club of Pittsburgh, PA. November 1.

_____, 2011j, John Fulton – Industrialist and Geologist: Johnstown Area Heritage Association (JAHA), October 23.

_____, 2011i, Climate Change – Past and Present: Public Lecture, Grove Avenue United Methodist Church, Johnstown, PA, October 2.

_____, 2011h, The Drake Well and Unintended Consequences – Petroleum Geology and Exploration Geophysics, Geological Society of America Annual Meeting, *Abstracts with Programs*, v. 43, no. 5, p. 313.

_____, 2011g, Ebenezer Baldwin Andrews (1821-1880) - Pioneer Oil Geologist: Petroleum History Institute Annual Meeting, June 24, Marietta, Ohio (Abst): *Oil-Industry History*, v. 12, no. 1, p. 164-165.

_____, 2011f, The Drake Well and Unintended Consequences (Keynote Address): Annual Meeting - Eastern Section/National Association of Geoscience Teachers, May

21, Johnstown. Pennsylvania.

_____, 2011e, Geology of the Johnstown Area: Hooversville Historical Society, May 15, Hooversville, Pennsylvania.

_____, 2011d, Around Tasmania: College Club of Pittsburgh, April 28.

_____, 2011c, Drake and the early oil industry: Somerset Historical Society, Somerset Pennsylvania, April 4.

_____, 2011b, Edwin Drake and oil in Western Pennsylvania: University Club/University of Pittsburgh, Pittsburgh, PA, March 23.

_____, 2011a, The Drake Well and the beginning of the modern oil industry: Northeastern & North Central Section/Geological Society of America Annual Meeting, March 20-22. *Abstracts with Programs*, v. 43, No. 1, p. 50.

_____, 2010c, Edwin Drake and His Legacy: Retired Teachers' Association, Longwood at Oakmont, Oakmont, Pennsylvania, September 29.

_____, 2010b, Edwin Drake and His Legacy: Pennsylvania Topographic & Geological Survey, Middletown, PA, September 10.

_____, 2010a, The Drake Well and unintended consequences: Symposium and Field Trips, Petroleum History Institute, Lafayette, Louisiana, April 29-May 1; *Oil-Industry History*, v. 11, no. 1, p. 192.

_____, 2009i, Edwin Drake and His Legacy - Book Launching: Bottle Works & Ethnic Arts Center, Johnstown, PA; December 20

_____, 2009h, Early Oil Pioneers of Pennsylvania: Friends of Mineralogy Annual Conference, Franklin and Marshall College, November 7.

_____, 2009g, Barbara Harvey Lecture Series, Clarion University of Pennsylvania - Venango Campus, October 22:

You, Oil, and Colonel Drake; Middle School Students

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The Legacy of Edwin L. Drake; Harvey Lecture

_____, 2009f, Edwin L. Drake, A Re-Introduction: College Club of Pittsburgh, October 13.

_____, 2009e, Edwin L. Drake, who was he and why do you know his name:

International History of Geology Symposium #34, Fossils & Fuel Program, Calgary, Alberta, Canada, August 10-11 (Paper read by Keynyn Brysse)

_____, 2009d, Edwin L. Drake, A Re-introduction: 3rd Annual Summer Symposium, Paleontological Research Institution, Ithaca, New York, August 8.

_____, 2009c, Early Oil Pioneers of Pennsylvania: Meadville Historical Society, Meadville, PA, May 27,

_____, 2009b, Edwin L. Drake, who was he and why do you know his name: Symposium and Field Trips, Petroleum History Institute, Titusville, May 14-16; *Oil-Industry History*, v. 10, no. 1, p. 162-163.

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_____, 2008a, Samuel M. Kier (1813-1874); the Oft-forgotten Oil Pioneer: The College Club of Pittsburgh, June 10.

_____, 2008b, Samuel M. Kier (1813-1874); the Oft-forgotten Oil Pioneer (Abst): Symposium and Field Trips, Petroleum History Institute, Sarnia, Ontario, Canada, May 7-10, *Oil-Industry History*, v. 9, no. 1, p. 181-182.

_____, 2007a, Gilbert D. Harris; Paleontologist-Educator-State Geologist, and Consultant: Paleontological Research Institution, 75th Anniversary Celebration; July 27, Ithaca, NY.

_____, 2007b, The Johnstown Floods - Revisited: The College Club of Pittsburgh, June 12.

_____, 2005a, Oil and Greek Fire: Petroleum History Institute Annual Meeting, Morgantown, WV, April 6-9; *Oil-Industry History*, v. 6, no. 1, p. 179.

_____, 2005b, Henry S. Williams and the Saratoga Springs Count Case: Northeastern Section/Geological Society of America Annual Meeting, March 14-16. *Abstracts with Programs*, v. 37, No. 1, p. 26.

_____, 2004a, Henry S. Williams and James Hall - A Close Encounter of the Real Kind: Geological Society of America Annual Meeting, *Abstracts with Programs*, v. 36, no. 5, p. 245.

_____, 2004b, Henry S. Williams and the Origin of the Pennsylvanian Period: Pennsylvania Mineral Symposium, The Pennsylvania State University, June 12.

_____, 2004c, Henry S. Williams and Punctuated Equilibria: King's College London, March 8

_____, 2003a, Gilbert D. Harris (1864-1952)-Cornell Professor, Louisiana State Geologist, and long distant oil consultant: Drake Well Foundation The History of the Oil Industry Symposium, Shreveport, Louisiana, March 26-29, in *Program, Abstracts, and Guidebook*, Mary Barrett (Ed.), p. 17; *Oil-Industry History*, v.5, no. 1, p. 98.

_____, 2003b, Henry S. Williams and GSA - Present at the beginning: Geological Society of America Annual Meeting, *Abstracts with Programs*, v. 35, no.6, p. 251.

_____, 2002a, The World of oil-Before the Drake Well: Pittsburgh Association of Petroleum Geologists, Monroeville, PA October 17.

_____, 2002b, Henry S. Williams (1847-1918) - thoughts on evolution: Geological Society of America Annual Meeting, *Abstracts with Programs*, v. 34, no. 6, p. 122-123.

_____, 2002c, The Nature of Glaciers: The College Club of Pittsburgh; October 10.

_____, 2002d, Citation for Robert K. Ridky - Eastern Section/NAGT Distinguished Service Award 2002: Annual Meeting, Eastern Section/NAGT. Frederick, MD, May 16-19, 2002.

_____, 2001a, Abraham Gesner (1797-1864): Petroleum Pioneer: *Program & Abstracts*, A Symposium on History of the Oil Industry, Oil City PA, June 20-23. *Oil-Industry History*, v. 2, no. 1, pg. 87-88.

_____, 2001b, Hartt and Brazil: (Invited Paper): Instituto de Geociencias, Universidade Estadual de Campinas (UNICAMP), Campinas, SP, Brazil, May 17.

_____, 2001c, Charles Frederick Hartt - Geologist and Teacher: Paleontological Research Institution, Ithaca, New York; Invited Lecture, March 3.

_____, 2001d, Impressions of the West: Faculty Lecture Series, UPJ, April 18.

_____, 2000a, Geological models-then and now: Geological Society of America Annual Meeting, *Abstracts with Programs*, v. 32, no. 7, p. 87-88.

_____, 2000b, Drake was not the first: Annual Meeting, Eastern Section/American Association of Petroleum Geologists, London, Ontario, September 23-25.

_____, 2000c, Henry Shaler Williams (1847-1918) and the Pennsylvanian Period:

Conference on the History of Geological Pioneers, Troy, NY, August 3-5, *Northeastern Geology and Environmental Sciences*, v. 22, no. 3, p. 248-249.

_____, 2000d, Citation for Brian B. Tormey - Eastern Section NAGT Distinguished Service Award for 2000: Annual Meeting Eastern Section/NAGT, West Virginia, May 2000.

_____, 1999, Henry Shaler Williams (1847-1918)-geologist, evolutionary biologist, or theologian; crossing boundaries: Geological Society of America Annual Meeting, *Abstracts with Programs*, v. 31, no. 7, p. 249.

_____, 1998a, Temporary grain-isolation on thin-sections: Presented as part of, "Laboratory Methods Workshop" sponsored by The National Association of Geoscience Teachers at the Geological Society of America Annual Meeting, Toronto, Canada.

_____, 1998b, Charles Frederic Hartt (1840-1878) and John William Dawson (1820-1899); a fruitful encounter for Canadian geology: Geological Society of America Annual Meeting, *Abstracts with Programs*, v. 30, no. 7, p. A-212.

_____, 1998c, Petroleum exploration; pre-Drake Well: Eastern Section/American Association of Petroleum Geologists Annual Meeting, October 8, *Program with Abstracts*, p. 12,

_____, 1998d, Geology and real estate investments (Invited Paper): Singapore Science Center.

_____, 1998e, John Fulton and the 2nd Pennsylvania Geological Survey: Southeastern Section/Geological Society of America Annual Meeting, Charleston, WV, March 30-31, *Abstracts with Program*, v. 30, no. 4, p. 6.

_____, 1998f, Dinosaurs – Past and Present (Public Lecture): Galleria Mall, Johnstown, PA, October 11.

_____, 1997a, Citation for Kennard Bork, History of Geology Awardee 1997: History of Geology Division/Geological Society of America Annual Meeting, Salt Lake City, Utah.

_____, 1997b, The man who really made *The Origin of Species* possible - Captain Robert Fitz-Roy, Captain of *H.M.S. Beagle* (Abst): Geological Society of America Annual Meeting, *Abstract with Programs*, v. 29, no. 6, p. A327.

_____, 1997c, Charles Frederic Hartt and the Brazilian Geological Survey (Invited Paper): Keele University, Staffordshire, England, May 23.

_____, 1997d, Gilbert Dennison Harris - Paleontologist, Teacher, and Consultant (Invited Paper), Northern Alleghenies Geological Society, Ebensburg, PA, May 2.

_____, 1997e, John Fulton and the Second Pennsylvania Geological Survey: Southeastern Section/Geological Society of America Annual Meeting, *Abstracts with Programs*, v. 30, no. 4, p. 5.

_____, 1997f, Lyell and the coal fields of North America (Poster Presentation): *Lyell Meeting Program*, The Bicentennial Conference, Geological Society of London, p. 12.

_____, 1997g, Geological History of the Finger Lakes (Invited Paper): Finger Lakes Land Trust, Skaneateles, NY, July 15.

_____, 1997h, The man who really made *The Origin of Species* possible - Captain Robert Fitz-Roy, Captain of *H.M.S. Beagle*: Faculty Lecture Series, UPJ, September 24.

_____, 1996c, Charles Frederick Hartt and the Brazilian Survey; British and American Influences (Invited Paper): Keele University, Staffordshire, England, May 23.

_____, 1996b, Gilbert Dennison Harris - Paleontologist, Teacher, Consultant (Invited Paper): Northern Alleghenies Geological society, Ebensburg, PA; May 2.

_____, 1996a, Gilbert Dennison Harris - Paleontologist, Teacher, Consultant (Abst): History of Oil and Gas Exploration in North America, Drake Well, Titusville, PA, July 18-20, p. 5.

_____, 1993, Gilbert Dennison Harris - A life among fossils (Invited Paper): 61st Anniversary Celebration, Paleontological Research Institution, Ithaca, NY, August 15.

_____, 1992a, Charles Frederic Hartt (1840-1878) and Illustrations (Abst): Geological Society of America Annual Meeting, *Abstracts with Program*, v. 24, no. 7, p. A125.

_____, 1992b, Geology as others see us (Invited Paper) Friends of Mineralogy Pennsylvania Chapter Annual Meeting, *Eastern Mineralogy, Maine to Florida-A Symposium*, p. 9.

_____, 1992c, Life and work of Charles Frederic Hartt (Invited Paper - Matthew Fellowship): New Brunswick Museum, St. John, NB, August 12.

_____, 1992d, Charles Frederic Hartt (1840-1878) - the early Canadian years (Abst): The History of Earth Sciences and Northeastern Science Foundation Meeting, July 29-August 1, *Abstracts and Program*, p. 18; *Northeastern Geology*, v. 14, no. 4, p. 264.

_____, 1992e, In search of Charles Frederic Hartt - Impressions of Brazil (Invited Paper): Andes Institute, Geological Sciences Department, Cornell University, June 23.

_____, 1992f, Charles Frederic Hartt - Who was he? (Invited Paper): Instituto de

Geociencias, Universidade Estadual de Campinas (UNICAMP), Campinas, SP, Brazil, June 1.

_____, 1992g, Geology and the future (Invited Paper): Instituto de Pesquisa Tecnologicas, São Paulo, Brazil, May 27.

_____, 1992h, Charles Frederic Hartt before the Comissao Geologica do Brazil (Invited Paper): Cia. De Pesquisa dos Recursos Minerais, Rio de Janeiro, RJ, Brazil, May 19.

_____, 1992i, Trends in geoscience education in the United States (Invited Paper): Instituto de Geociencias, Universidade Estadual de Campinas (UNICAMP), Campinas, SP, Brazil, May 13.

_____, 1992j, Geology in the class room(Invited Paper): Instituto de Geociencias, Universidade Estadual de Campinas (UNICAMP), Campinas, SP, Brazil, May 8.

_____, 1991, Hartt and Brazil (Invited Paper): Andes Institute
Geological Sciences Department, Cornell University, Ithaca, NY, July 26.

_____, 1990a, Gilbert Dennison Harris; paleontologist-teacher-printer (Abst): Geological Society of America Annual Meeting *Abstracts with Programs*, v. 22, no. 7, p. 119-120.

_____, 1990b, Early Cornell Geologists (Invited Paper): Franklin and Marshall College, Lancaster PA, March 13.

_____, 1988a, The Cornell Williamses and GSA (invited Paper): Symposium-The Geological Society of America Centennial, Cornell University, June 9.

_____, 1988b, Impressions of the west (Invited Paper): Carnegie Museum-Public Seminars.

_____, 1987a, The role of simplicity in geology: Symposium-Aesthetic Factors in Natural Science: Center for the Philosophy of Science, University of Pittsburgh, December 11-12.

_____, 1987b, Cornell, Charles Frederick Hartt, and Brazil (Abst.): The Geological Society of America Annual Meeting, *Abstracts with programs, 1987 annual meeting*, v. 19, no. 7, p. 601.

_____, 1987c, European influence on modern science and its influences on curriculum development (Invited Paper): Alumni College Program, University of Pittsburgh at Johnstown Homecoming, October 17.

_____, 1987d, Geology as others see us (Invited Paper): Buffalo Association of Professional Geologists.

_____, 1987e, Rt. 30-near Breezewood, Pennsylvania: Northeastern Section Annual Meeting/Geological Society of America, *Abstracts with Programs*, v. 19, no. 1, p. 7.

_____, 1986a, Geology as others see us (Invited Paper): New York State Geological Association, Annual Meeting, Ithaca, New York:

_____, 1986b, Cornell University campus - Ithaca, NY: Northeastern Section/Geological Society of America Annual Meeting, *Abstracts with Programs*, v. 18, no. 1, p. 6.

_____, 1984a, Cornell Geology-the early years (Invited Paper): Dedication of Snee Hall, Department of Geological Sciences, Cornell University.

_____, 1984b, Humor in nineteenth century geology (Invited Paper): Annual Banquet, SUNY-College at Brockport, Brockport, New York.

_____, 1983a, Nineteenth century geologic humor (Invited Paper): Pittsburgh Geological Society, Annual Banquet, Pittsburgh, PA.

_____, 1983b, Humor in the nineteenth century and geological education in the twentieth century: Northeastern Section Annual Meeting/Geological Society of America, *Abstracts with Programs*: v. 15, no. 1, p. 195.

_____, 1983c, R. S. Tarr and the Arctic: University of Massachusetts-Amherst, *Abstracts of the 12th Arctic Workshop*. p. 17-18.

_____, 1983d, Geology and Johnstown: 10 one-hour video tapes broadcast on Channel 19 (Johnstown), January – March.

_____, 1983e, Geologic Scenery of Tasmania: Sierra Club of Johnstown, February 15.

_____, 1982, Traditions in glacial geology at Cornell University: Geological Society of America Annual Meeting, *Abstracts with Programs*: v. 14, p. 451.

_____, 1981a, Science and excellence: (Invited Keynote Address), Annual College Science Convocation, Loch Haven State University, Loch Haven, PA.

_____, 1981b, Science and humor: Pennsylvania Science Teachers Association Annual Meeting, Harrisburg, PA.

- _____, 1981c, Science and excellence: Pennsylvania Science Teachers Association Annual Meeting, Harrisburg, PA.
- _____, 1980a, Geology, humor, and education: Geological Society of America Annual Meeting, *Abstracts with programs*, v. 12, no. 7, p. 392.
- _____, 1980b, Impressions of the West (Invited Keynote Address): Annual College Science Convocation, Loch Haven State College, Loch Haven, PA.
- _____, 1980c, Science and science fiction: Pennsylvania Science Teachers Association Annual Meeting, Harrisburg, PA.
- _____, 1980d, History of the geologic time scale (Invited Paper): Geology Department, The University of Tasmania, Hobart Tasmania.
- _____, 1980e, Science and humor (Invited Paper): Tasmanian College of Advanced Education, Hobart, Tasmania, Australia.
- _____, 1980f, Geology and the cartoonist (Invited Paper): Tasmanian College of Advanced Education, Hobart, Tasmania, Australia.
- _____, 1980g, Geology and the cartoonist (Invited Paper): Geology Department, University of Tasmania, Hobart, Tasmania, Australia.
- _____, 1980h, Charles Lyell and Northeast geology: Northeastern Section Annual Meeting/Geological Society of America, *Abstracts with Programs*: v. 12, no. 2, p. 26.
- _____, 1979a, *Geology-Familiarly Illustrated* (1859 geological time scale): Geological Society of America Annual Meeting, *Abstracts with Programs*, v. 11, no. 7, p. 394.
- _____, 1979b, Murchison and Sedgwick-thunder in our past (Invited Paper): Physics & Geology Department, Towson State University.
- _____, 1979c, Impressions of the west (Invited Paper): Sweet Briar College, Sweet Briar, VA, November 19.
- _____, 1979d, Impressions of the west (Invited Paper): Tasmanian College of Advanced Education and The University of Tasmania, Hobart, Tasmania, Australia.
- _____, 1979e, Science and the affective-geology model: Pennsylvania Science Teachers Association, Pittsburgh, PA.

_____, 1979f, Experimental Petrology in Tasmania: Natural Science Lecture Series, UPJ.

_____, 1978a, Impressions of the West (Invited Paper): Tasmanian College of Advanced Education and Rosney Secondary College, Hobart, Tasmania, Australia.

_____, 1978b, Perspectives in geology (Invited Paper): The University of Tasmania, Hobart, Tasmania, Australia.

_____, 1977a, Coal is not forever (Invited Paper): Alternative Energy Symposium, University of Pittsburgh at Johnstown, Johnstown, PA, p. 3.

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_____, 1976a, Astronomy and Science Fiction: National Science Teachers Association Annual Meeting, Philadelphia, PA.

_____, 1976b, Lunar Rocks in Thin-Sections: Natural Science Lecture Series, UPJ.

_____, 1976c, Petrology of the Moon: Natural Science Lecture Series, UPJ.

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Co-authored Presentations:

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BRICE, William R. and **BLACK**, Marilyn, 2011, 150 years of producing oil – McClintock Well Number 1 (1861-2011): *Oil-Industry History*, v. 12, no. 1, p. 155-158.

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_____, 2014a, COCORP – a great idea and those behind it: (Invited Paper) Annual Meeting, Vancouver, BC, Canada, 20 October, Geological Society of America *Abstracts with Programs*, v. 46, no. 6, p. 405.

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_____, 1992, Hartt, Agassiz, and Pleistocene Glaciation in Brazil: Geological Society of America Annual Meeting, *Abstracts with Program*, v. 24, no. 7, p. A38.

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BRICE, William R. and UPJ Mineralogy Students, 2000, Rocks and Minerals: Conemaugh Township Intermediate School, January 13.

CHELIUS, Sean and **BRICE**, William R., 2000, Petrography of selected samples of the top 1860 feet of Drill Core NM-3; Duluth Complex, Minnesota: North-Central Annual Meeting, *GSA Abstracts with Programs-North-Central Section*, v. 32, no. 4, p. A-9.

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_____, 2018, The World's First Oil Well: Friends of Drake Well, Annual Meeting, August 19, Titusville, PA (Invited presentation)

PEES, Samuel T. and **BRICE**, William R., 1998, History of petroleum resources-the American

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Book Reviews:

2021: *Anointed with oil; how Christianity and crude made modern America* by Darren Dochuk: In *Oil-Industry History*, v. 22, no. 1, p. 183-184.

2020c: *Environmental Considerations Associated with Hydraulic Fracturing Operations; Adjusting to the Shale Revolution in a Green World* By James A. Jacobs and Stephen Testa (2019): In *IHIGEO Annual Record*, No. 52: International Commission on the History of Geological Sciences, Johnstown, PA, p. 89-91

2020b: *History, Exploration & Exploitation of Oil and Gas* Edited by Silvia Fernanda Figueirôa, Gregory Good, and Drielli Peyerl (2019): In *IHIGEO Annual Record*, No. 52: International Commission on the History of Geological Sciences, Johnstown, PA, p. 93-94. Also in *Oil-Industry History*, v. 21, no. 1, p. 80-82.

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2019b: *History of the European Oil and Gas Industry* Edited by: J. Craig, F. Gerali, F. MacAulay, and R. Sorkhabi (2018): In *Earth Sciences History*, v. 38, no. 2, p. 434-435.

- 2019a: *History of the European Oil and Gas Industry* Edited by: J. Craig, F. Gerali, F. MacAulay, and R. Sorkhabi (2018): In *IHIGEO Annual Record*, No. 51: International Commission on the History of Geological Sciences, Johnstown, PA, p. 81-82.
- 2018: *History of the European Oil and Gas Industry* Edited by: J. Craig, F. Gerali, F. MacAulay, and R. Sorkhabi (2018): In *Oil-Industry History*, v. 19, No. 1, p. 180
- 2014d: *Oilfield Revolutionary: The Career of Everette Lee DeGolyer* By Houston Foust Mount, II: In *Oil-Industry History*, v. 15, no. 1, p. 195-196.
- 2014c: *Oil and Gas in Pennsylvania (3rd Edition)* By K. J. Flaherty and Thomas Flaherty, III (2014): In *Oil-Industry History*, v. 15, no. 1, p. 198.
- 2014b: *Do MJ Trumble & His Contemporaries Compare with Characters from Ayn Rand's 'Atlas Shrugged'?* By Ann Mauer (2014): In *Oil-Industry History*, v. 15, no. 1, p. 198-199.
- 2014a: *Long Night of the Tankers: Hitler's War Against Caribbean Oil* by David J. Bercuson and Holger H. Herwig (2014): In *Oil-Industry History*, v. 15, no. 1, p. 200.
- 2013a: *American Energy Pioneer: Milon James Trumble (1879-1931)* by Ann Mauer (2011): In *Oil Industry History*, v. 14, no. 1, p. 172-173.
- 2013b: *The Magic Eye* by Ann Mauer (2007): In *Oil Industry History*, v. 14, no. 1, p. 174
- 2012: *John Eaton* by Louis Brown Fleming: In *Oil Industry History*, v. 13, no. 1, p. 281.
- 2011a: *The Golden Lane Faja de Oro*, By Sam L. Pfister: In *Oil Industry History*, v. 12, no. 1, p. 188.
- 2011b: *Elmer Eugene Dobbins - Pioneer Wildcatter*, by Eugene Gibson: In *Oil Industry History*, v. 12, no. 1, p. 187.
- 2010: *Finders Keepers? How the Law of Capture Shaped the World Oil Industry*, by Terence Daintith: In *Oil-Industry History*, v. 11, no. 1, p. 201-202
- 2004: *Giant Under the Hill - A History of the Spindletop Oil Discovery at Beaumont, Texas, in 1901*, by Judith Walker Linsley, Ellen Walker Rienstra, and Ann Stiles: In *Earth Sciences History*, v. 23, no. 1, p. 134-135.
- 2003b: *Agassiz's Legacy: Scientists' Reflections on the Value of Field Experience*, by Elizabeth Higgins Gladfelter: In *ISIS*, v. 94, p. 743-744.

- 2003a: *The Great Barrier Reef; History, Science, Heritage*, by James Bowen and Margarite Bowen: In *South Asian Review*, v. 24, no. 2, p. 239-242.
- 2002c: *Strata Smith deserves better - The map that changed the world: William Smith and the birth of modern geology*, by Simon Winchester: In *American Paleontologist*, v. 10, no. 4, p. 13-15.
- 2002b: *The Age of the Earth: From 4004 BC to A. D. 2002*, (Eds) S. J. Knell and C. L. Lewis: In *Isis*, v. 93, no. 3 (September), p.470.
- 2002a: *George Gaylord Simpson: paleontologist and evolutionist*, by Léo F. Laporte: In *American Paleontologist*, v. 10, no.3, p. 13-14.
- 2001: *The Dating Game...*, by Cherry Lewis: In *American Paleontologist*, v. 9, no. 2 (May), p. 10-11.
- 1998: *When geologists were historians, 1665-1750*: By Rhonda Rapport: In: *GSA Today* v. 8, no. 11, p. 14-15.
- 1997: *The Connecticut Valley in the age of dinosaurs-a guide to the geologic literature, 1681-1995*: By Nicholas G. McDonald: In: *Earth Sciences History*, v. 6, no. 2, p. 166.
- 1995: *Fossils-the key to the past, New Edition*: By Richard Fortey: In: *Journal of Geological Education*, v. 43, p. 585.
- 1994: *Cracking rocks and defending democracy-Kirtley Fletcher Mather; scientist, teacher, social activist, 1888-1978*: By Kennard Bork: In: *Earth Sciences History*, v. 13, no. 2, p. 187.
- 1993: *Life of the past, 3rd Edition*: By Gary Lane: In: *Journal of Geological Education*, v. 41, p. 191.
- _____: *Roadside geology of Pennsylvania*: By Bradford B. Van Diver: In: *Journal of Geological Education*, v. 41, p. 87.
- 1991: *Practical problems in exploration geochemistry*: By A. A. Levinson, P. M. D. Bradshaw, and I. Thompson: In: *Journal of Geological Education*, v. 39, no. 2, p. 158.
- 1990: *Dinosaurs past and present; Vol. I and Vol. II*: Edited by Silvia J. Czerkas and Everett C. Olson: In: *Journal of Geological Education*, v. 38, p. 473.
- 1988: BRIEFLY NOTED:
A field manual for the amateur geologist-tools and activities for exploring our planet: By Alan M. Cvancara.

Radioactive waste-issues and answers.
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American Institute of Professional Geologists.
Circum-Pacific Region, Pacific Basin Sheet
Energy-resources map of the Circum-Pacific region
American Association of Petroleum Geologists
On rare and scattered metals-tales about metals
By S. I. Venetsky.
Tucson Meteorites-their history from frontier Arizona to the Smithsonian:
By Richard R. Willey
Earth resources, 3rd Edition: By Brian Skinner.
In: *Journal of Geological Education*, v. 36, p. 45.

1987: *The solar system-observations and interpretations:* Edited by Margaret G. Kivelson: In: *Journal of Geological Education*, v. 35, p. 171-172.

_____: *Astrophotography for the amateur:* By Michael Covington: In: *Journal of Geological Education*, v. 16, p. 493.

1986: *Dictionary of Rocks:* By Richard S. Mitchell: In: *Journal of Geological Education*, v. 34, p.350.

_____: *The evolving continents, 2nd Edition:* By Brian F. Windley: In: *Journal of Geological Education*, v. 34, p. 212-213.

_____: *Petrology of igneous and metamorphic rocks:* By Donald W. Hyndman: In: *Journal of Geological Education*, v. 34, p.213-214.

1984: *Mineralogy-concepts and principles:* By Tibor Zoltai and James Stout: In: *Journal of Geological Education*, v. 32, p. 342.

1983: *Classic mineral localities of the world-Asia and Australia:* By Philip Scalisi and David Cook: In: *Journal of Geological Education*, v. 31, p. 342.

_____: *Physical Geology, 6th Edition:* By L. Don Leet, Sheldon Judson, and Marvin Kaufman: In: *Journal of Geological Education*, v. 31, p. 342.

1982: *Economic mineral deposits:* By Mead L. Jensen and Alan M. Bateman: In: *Journal of Geological Education*, v. 30, p. 179.

1981: *Rocks and minerals:* By Richard Dietrich and Brian Skinner: In: *Journal of Geological Education*, v. 29, p. 195.

_____: *Earth, space and time-an introduction to earth science:* By John Navarra: In: *Journal of*

College Science Teaching, v. 10, no. 4, p. 250.

1979: *Reply and comment: Review of: The earth through time: By Harold Levin: In: Journal of Geological Education*, v. 27. p. 177-178.

1978: *The earth through time: By Harold Levin: In: Journal of Geological Education*, v. 27, p.28.

1976: *Geology-the paradox of man: by Keith Young: In: Journal of College Science Teaching*, v. 5, p. 331.

CONTINUING EDUCATION:

1999: Teaching Undergraduate Geology - Short Course
Evolution and Creationism - A Continuing Problem - Short Course
Geological Society of America - Denver, October 23-24.

1998: Philosophical Problems in the Historiography of Science
Center for the Philosophy of Science
University of Pittsburgh, November 14-15.

____: Seminar - Directing Undergraduate Research - Strategies for Success, and
Workshop on Innovative and Effective Techniques for Teaching Geoscience
Annual Meeting, Geological Society of America
Toronto, October 25.

1997: Paleosols - Short Course
Annual Meeting, Geological Society of America
Salt Lake City, Utah, October 18.

1992: Use of Television in geology Classes-Short Course
Annual Meeting, Geological society of America
Cincinnati, Ohio

1989: Appalachian Geomorphology - William Morris Davis Re-visited
Symposium, Dickinson College, Carlisle, Pennsylvania

____: Microtextures of Sheared Rocks
Short course - Annual Meeting Northeastern Section/Geological Society of America
New Brunswick, New Jersey

1988: Technical Writing for Geologists
Short Course - Annual Meeting, Geological Society of America
Denver, Colorado

- 1987: Teaching the History of Geology
 Short Course - Annual Meeting, Geological Society of America
 Phoenix, Arizona
- 1986: Disposal of Low-level Radioactive Waste-Symposium
 American Institute of Professional Geologists.
- 1985: Writing for the Geoscientist - Short Course
 Annual Meeting, Geological Society of America
- 1983: Charles Darwin - A Contemporary View
 Symposium - Millersville University
- ____: Microcomputers in Geological Education
 Short Course - Annual Meeting
 Geological Society of America
- 1981: Mineral Economics Symposium
 Am. Inst. of Mining, Metallurgical and Petroleum Engineers; Washington, D. C.
- ____: Cosmology; Man's Place in the Universe
 Chautauqua Short Course, Temple University, Philadelphia.
- 1980: Coal Petrography - Short Course
 Central Section/Geological Association of America
 Annual Meeting, University of Indiana.

STUDENT RESEARCH PROJECTS:

- 2000: Photographic Atlas of Igneous Textures
 Laura Thomas
- 1999: Petrography of Drill Core NM-3, Duluth Complex, Minnesota.
 Sean Chelius
- 1998: Mineral Analysis-Pennsylvania Diabase Drill Core
 Scott Poborsky and Craig Thomas
- 1983: Petrographic Manual
 Brenda Lint
- ____: Mauch Chunk Correlations
 Kim Matthews
- 1982: Loyalhanna Outcrops - Conemaugh Gorge Area
 Brenda Hockensmith and Thomas Mourey
- 1981: Description of the Diabase and Geology-Gettysburg, PA

- Patrick Bowling
- 1980: Mass Wasting on the UPJ Campus
Richard Borkowski, Daniel Pfahl, and Richard Wolfson
- ____: Petrographic Analysis of Drill Core NM-7; Duluth Complex
Greg Bunk
- ____: The Mercer Underclay of Southern Cambria County
Jeff Miller
- ____: Analysis and Log of Core Sample – Southern Kaweshiwi, Duluth Complex, Minn.
David Wilcox
- ____: Soil Temperature-Frostline Fluctuations
Thomas Bachovin
- 1979: Loyalhanna Limestone - Depositional Environment
John Peters and John Ninesteel
- ____: The Frostline and Soil Temperature
Donald Gibson and John Zubal
- 1976: Strip mine Reclamation
Mark Horn
- ____: The Effects of Acid Mine Drainage
David Gallo
- 1975: The Effects of Sulphur Pollution on the Weathering Process
Denis Zielinski.