

Stephen D. Butz

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OBJECTIVE

Instructor of Environmental Science, Earth Science, and Archaeology

Freelance Writer.

CERTIFICATIONS

New York State Permanent Teacher Certifications in Grades in General Science, Earth Science, and Agriculture

New York State Master Teacher

EXPERIENCE

September 2014–Present SUNY Adirondack, NY
Instructor of Environmental Science (CHM 105)

September 2001–Present Cambridge Central School, NY
Instructor of Earth Science, Environmental Science, Archaeology

September 2000–2001 Hudson Falls Central School, NY
Instructor of Earth Science

August 1996–June 2001 Salem Washington Academy, NY
Teacher of Environmental Science and Agricultural Science

September 1995 – May 1995 Tompkins Cortland Community College, NY
Adjunct Professor of Environmental Science

September 1992–August 1995 Cornell Instructional Materials Service, NY
Curriculum Writer

EDUCATION

1996 Cornell University Ithaca, NY
■ Master of Arts in Teaching
■ Agriculture and Science Education

1994 Cornell University Ithaca, NY
■ Bachelor of Science
■ Agriculture and Science Education

PROJECTS AND RESEARCH

The Shays' Settlement Project - April 2013 - Present

■ Archaeological Investigation of a 18th century settlement in Sandgate, VT

The Norman Rockwell Door Project - Fall 2017

■ Installation of art exhibit related to Norman Rockwell at Cambridge School

The Vassar Mastodon Project – September 2013 – June 2014

- Revovation and reconstruction of the historic Vassar Mastodon circa 1902

The Indian Oven Project – Spring 2013

- Radiocarbon analysis of a potential pre-contact Native American site.

Cambridge Longterm Climate Study – January 2001 - Present

- Hourly meteorological data from the Cambridge Central School Weather Station.

Hedges Lake Longterm Water Quality Study – September 2003 - Present

- Monthly chemical and physical analysis of Hedges Lake, Jackson, NY

Battenkill Longterm Water Quality Study – September 2003 - Present

- Monthly chemical and physical analysis of the Battenkill River, Shushan, NY

PUBLICATIONS

- Shays' Settlement in Vermont: A Story of Revolt and Archaeology, by Butz. The History Press, Charleston, SC 2017.
- Energy and Agriculture: Science, Environment, and Society, by Butz. Delmar/Cengage Learning, Clifton Park, NY 2013.
- Year Round Project Based STEM Activities for Grade 2, by Butz. Teacher Created Resources, Westminster, CA 2012.
- The Great Bone Race, by Butz, Create Space Press 2012
- Using Google Docs in the Classroom Grades 6-8, by Butz. Teacher Created Resources, Westminster, CA 2011.
- Using Google Docs in the Classroom Grades 4-5, by Butz. Teacher Created Resources, Westminster, CA 2011.
- Computer Projects for Grades 2-4, by Butz. Teacher Created Resources, Westminster, CA 2010.
- Computer Projects for Grades 5-6, by Butz. Teacher Created Resources, Westminster, CA 2010.
- Science of Earth Systems 2nd Edition, by Butz. Delmar/Cengage Learning, Clifton Park, NY 2008.
- Shall the Murderer Go Unpunished, by Butz, North Country Books 2007
- Science of Earth Systems 1st Edition, by Butz. Delmar/Cengage Learning, Clifton Park, NY 2004.
- Science of Earth Systems Lab Manual, by Butz. Delmar/Cengage Learning, Clifton Park, NY 2004.
- Computer Activities for the Middle School, by Butz. Teacher Created Materials, Westminster, CA 1999.
- Simple Projects for Excel: Challenging, by Butz. Teacher Created Materials, Westminster, CA 1999.
- Practical Applications of Biotechnology, by Butz and Fagan. Cornell Instructional Materials Service, Ithaca, NY 1996.
- Ag-Tech Prep Environmental Science: Student Manual, by Butz and Fagan, Cornell Instructional Materials Service, Ithaca, NY 1995.

- Ag-Tech Prep Environmental Science: Teacher's Guide , by Butz, Colverson, Gates, Nelson, Taber, and Van Riper, Cornell Instructional Materials Service, Ithaca, NY 1995.
- Hydroponic Instructional Package; Teacher's Guide and Student Workbook, by Butz and Fagan, Cornell Instructional Materials Service, Ithaca, NY 1994.
- Humans and Ecosystems: Wildlife Issues and Actions, by Butz, Crandell and Mattfield. N.Y. Dept. of Environmental Conservation, N.Y. State Dept. of Education, and Cornell Instructional Materials Service, Ithaca, NY 1994.
- Habitat: Wildlife Issues and Actions, by Butz, Crandell and Mattfield. NYS Dept. of Environmental Conservation, N.Y. State Dept. of Education, and Cornell Instructional Materials Service, Ithaca, NY 1993.

AWARDS

- 1995-96 E. Laurence Palmer Award for excellence in environmental education
- 1996 American Association for Agricultural Education: Eastern Region "Outstanding Publication Award" in Agri-Science
- 1995-96 Teaching Assistantship, Department of Education, Cornell University
- 1995 American Association for Agricultural Education: Eastern Region "Outstanding Publication Award" in Horticultural Science
- 1994 American Association for Agricultural Education: Eastern Region "Outstanding Publication Award" in Forestry and Natural Resources

MILITARY SERVICE

Meteorologist United States Navy, Honorable Discharge