

ALISON E. FEENEY - CURRICULUM VITAE

ALISON E. FEENEY

Department of Geography and Earth Science, 1871 Old Main, Shippensburg PA 17257
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EDUCATION

Ph.D., Geography September 1995 – May 2001
Michigan State University, East Lansing, Michigan 48823
Dissertation title: The effects of multimedia in geographic education for dyslexic students.

Master of Science, Geography January 1993 - June 1995
Portland State University, Portland Oregon, 97212
Thesis: "Portland, Oregon's annexations: A case study in cartographic display options of spatio-temporal information"
Secondary Paper: "GreenCity Data: Pilot project for environment geographic education"

Bachelor of Arts, Geography September 1987 - May 1992
University of Connecticut, Storrs, Connecticut, 06268

Bachelor of Arts, History September 1987 - May 1992
University of Connecticut, Storrs, Connecticut 06268

PROFESSIONAL EXPERIENCE

Shippensburg University Fall 2017 to present
Professor – Department of Geography and Earth Science. Teach mapping and general education courses, and research the history and current growth of breweries in Pennsylvania, historic cartography of European settlement of the New World, and invasive lionfish in the western Atlantic and their impacts on coral reefs.

Shippensburg University Fall 2003 to 2017
Associate Professor - Department of Geography and Earth Science. Instructor for Cartography, G.I.S, World Regional Geography, and the Geography of the United States and Canada. Advise and conduct research with both undergraduate and graduate students on applied mapping.

Shippensburg University Fall 1998 to 2003
Assistant Professor - member of the Geography and Earth Science Department. Instructor for Computer Mapping and G.I.S. courses along with general education courses such as World Regional Geography and the Geography of the United States and Canada.

Michigan State University September 1995 to June 1998
Course Instructor, Research Assistant, and Teaching Assistant – Taught and developed courses for GIS.

COURSES TAUGHT AT SHIPPENSBURG UNIVERSITY

Undergraduate Courses

World Regional Geography
Honors World Geography
Geography of the United States and Canada
Cartography
GIS I: Introduction to Geographic Information Systems
Honors Upper-level Interdisciplinary Course: The World of Piracy
**Fall 2011 had field component, taking 10 students internationally to Bermuda
Online World Regional Geography- summer and j-term
Online Geography of the United States and Canada- summer and j-term
Online Introduction to Geographic Information Systems- summer
Online Geography of the United States and Canada to degree completion program
through Professional, Continuing, and Distance Education Program
**Spring 2013 and Fall 2013 pilot program
Computer Mapping

Graduate Courses

Mapping Sciences
Applied GIS
GIS for Educators

HONORS AND AWARDS

Benhart Research Award. Department award to recognize significant research and publications. April 2018.

Benhart Research Award. Department award to recognize significant research and publications. Co-awarded with Dr. George Pomeroy, April 2014.

Academic Mentorship Award- recognition of exceptional academic mentorship to student athlete with a 3.25 or higher GPA.

TIPS (Teaching Innovation and Pedagogy Sponsor) Shippensburg University sponsored program to encourage the use of pragmatic pedagogy in teaching and learning. Awarded, May 2005.

Honors program Certificate of Recognition. Awarded for teaching an innovative upper level interdisciplinary course, fall 2006.

Phi Kappa Phi the Shippensburg University chapter of the Honor Society. Inducted on April 25, 2004

Benhart Research Award Department award to recognize significant research and publications. Awarded, April 2002.

PUBLICATIONS

Feeney, Alison E. and Jonny Garrett. (in review). "What's on tap: Comparison of beer served in London, England and Philadelphia, Pennsylvania in.

- Feeney, Alison E. and Antonio Price. (accepted with revisions 10/2020). "America's emerging cider culture and its potential for agritourism" in *Journal of Cultural Geography*
- Feeney, Alison E., Antonio Price, and Rachel Idacavage. (in press). "Insights from Pennsylvania: Marketing agritourism for the American cider culture" in *Journal of Tourism Insights* manuscript ID: #1128.
- Feeney, Alison E. and Antonio Price. (in press). "How about them apples: Pennsylvania's emerging hard cider industry" in *The Pennsylvania Geographer*.
- Feeney, Alison E. 2019. Review of *Planet of the Grapes* by Robert Sechrist. Praeger, Santa Barbara, California, 2017 in *The Pennsylvania Geographer*, 57(2): 68-69.
- Feeney, Alison E. 2020. "Pennsylvania's Emerging Cider Industry and Its Contribution to Artisan Beverages and Sustainable Agritourism" Report for The Center for Rural Pennsylvania: Harrisburg, PA.
- Feeney, Alison E., Matthew D. Fetzer, and Nathan Riley. 2019. "Recreational scuba diver impacts on invasive lionfish populations in the Bahamas" *Pennsylvania Geographer*, 57(1):2-16.
- Feeney, Alison E. 2018. *For the Love of Beer: Pennsylvania's Breweries* Atlantic Publishing: Ocala, FL
- Feeney, Alison E., Charles W. Kann, Ruiwen (Patrick) Fu, and Jingyi Liu. 2017. "Historic maps from Bermuda's first hundred years of settlement: GIS and open source software analysis, *The Pennsylvania Geographers*, 55(1):1-14.
- Feeney, Alison E. 2017. "Beer-trail maps and the growth of experiential tourism" *Cartographic Perspectives*. 87: 9-28, doi: 10.14714/CP0.1383.
- Feeney, Alison E. 2017. "Cultural heritage, sustainable development, and the impacts of craft breweries in Pennsylvania" *Cities, Culture, and Society*. 9:21-30.
- Feeney, Alison E. 2017. Review of *The Geography of Beer: Regions, Environment, and Societies* by Mark Patterson and Nancy Hoalst-Pullen (editors). Springer Press: New York, NY in *Material Culture*.
- Feeney, Alison E. 2016. "Peer-evaluation techniques: Classroom strategies for editing and improving student work" *Cartographic Perspectives* 82:11-14.
- Feeney, Alison E. 2015. "The history of beer in Pennsylvania and the current growth of craft breweries," *The Pennsylvania Geographer*, 53(1): 25-43.
- Feeney, Alison E. 2015 "A case for crafty beer names: Bottling the cultural image of Pennsylvania's breweries" *Middle States Geographer*.48:20-30
- Feeney, Alison E. 2015. Review of *Mapping Time: Illustrated by Minard's Map of Napoleon's Russian Campaign of 1812* by Menno-Jan Kraak. ESRI Press Redland California, 2014 in *The Pennsylvania Geographer*, 53(1): 95-97.
- Feeney, Alison E. and Terri A. Hoover. 2014. "Consumption geography in Harrisburg, Pennsylvania: Consignment shops, thrift stores, and firsthand clothing outlets in relationship to U.S. Census demographic data," *The Pennsylvania Geographer* 52(2): 24-41.
- Feeney, Alison E. and Brandon Snyder. 2014. "Springhouses of Montgomery Township, Pennsylvania: Historical, Locational, and Architectural Patterns of an Early Settlement Cultural Artifact," *Middle States Geographer*, 45: 48-56.
- Feeney, Alison E. and Brandon Snyder. 2014 "Reconstructing colonial settlement of the Cumberland Valley: Case study of the Hawbecker farm in Montgomery Township, Pennsylvania" *The Pennsylvania Geographer*, 51(2): 51-65.
- Feeney, Alison E. and George Pomeroy, 2013. *North America in a Global Geography: Critical Thinking, Geographic Skills, and Map Activities*, Kendall Hunt Publishing.

- Feeney, Alison. 2007. "The Cartographic Apprentice: By the End of this Assignment, Someone will be Fired," *Cartographic Perspectives*, 57: 68-72.
- Feeney, Alison E. 2007. "The Geography of Knitting: Using GIS for the Newest Trends of an Old Hobby" *The Pennsylvania Geographer*, 45(1): 49-65.
- Feeney, Alison and Tom Feeney 2003. "Pennsylvania's Drive-In Movies: The Business of Preserving a Cultural Icon," *The Pennsylvania Geographer*, 41(2): 95-112.
- Feeney, Alison. 2003. "Using Interactive Multimedia for Dyslexic Students in Geographic Education," *Journal of Geography*, 102(1): 21-28.
- Feeney Alison E. and Thomas P. Feeney. 2002. "K-12 GIS training," workbook and training tutorial, distributed throughout the state for technical teacher training through the PA Department of Education.
- Feeney, Alison. "General Motors and Union end Strike That Shut Down Two Auto Parts Plants in Flint, Michigan, and Assembly Factories Across North America", published article in Salem Press' Geography Encyclopedia. February 2001
- Feeney, Alison. "Transportation in North America" published article in to Salem Press' Geography Encyclopedia, June 2000.
- Olson, Judy, Lesha Broomes, Scott Drzyzga, Geoffry Jiunn Der Duh, Lisa Dygert, Jill Hallden, Amy Lobben, Alison Philpotts, Ian Sims, and Jennifer Ware. 1999. "Teaching and Learning Focus Group Skills: A Classroom Example Evaluating Map Design," *Cartographic Perspectives*, 31: 26-36.

VIDEO-TELEVISION RECORDINGS

- 2020 "Poured in PA the Series: Episode 6-Adapting", produced by GK Visual and Sara Bozich
- 2020 "After Poured" podcast available at <http://jasoncercone.com/afterpoured6/>
- 2018 PA Books: For the Love of Beer , Pennsylvania Cable Network (PCN)

RESEARCH GRANTS

- 2020 "Develop e-training modules with Articulate 360 for an online course as part of a statewide Brewing Program." FPCD grant- CFEST Shippensburg University **(\$4883)**
- 2020 "Educational outreach for hops used in the brewing industry" PA Department of Agriculture: Commonwealth Specialty Crop Block Grant **(\$60,000)**
2019. "London, England's influences of world beer styles" Student/Faculty Research Engagement Grant SFRE Shippensburg University College of Arts and Science **(\$2,277)**
2019. "London, England's influences of world beer styles" G. Bryan Salzman Research Award, Department of Geography and Earth Science, Shippensburg University **(\$500)**
2019. "Collecting, mapping, and analyzing wild yeast strains with technical writing and laboratory procedures for the craft beer industry" SURE grant funded by Shippensburg University College of Arts and Science **(\$750)**
2019. "GIS and regularity inventory and analysis of Pennsylvania's emerging cider industry" with Rachel Idacavage Student/Faculty Research Engagement Grant SFRE, Shippensburg University College of Arts and Science **(\$988)**

- 2018 “Educational outreach for the brewing industry” PA Malt and Brewed Beverage Industry with Thomas Frielle and Russell Hedburg (**\$71,701**)
- 2018 “Pennsylvania’s Emerging Cider Industry and Its Contribution to Artisan Beverages and Sustainable Agritourism” The Center for Rural Pennsylvania (**\$19,802**)
- 2018 “Campus Mapping and Grant writing for Demonstration Hop Yard” with Samantha Bartleson Student/Faculty Research Engagement Grant SFRE, Shippensburg University College of Arts and Science (**\$2,280**)
- 2018 Miklausen-Likar Award, with Dr. Thomas Frielle and Ava Franklin, Shippensburg University College of Arts and Science (**\$1,500**)
- 2018 “Innovation and sustainability in the craft brewing industry” Student/Faculty Research Engagement Grant SFRE, Shippensburg University College of Arts and Science (**\$1715**)
- 2017 College of Arts and Sciences Faculty-Led Research (**\$1690**)
- 2017 “Recreational scuba diver impacts on invasive lionfish populations in the Bahamas,” SURE grant funded by Shippensburg University Arts and Science (**\$750**)
- 2016 “REEF’s lionfish research and removal project to protect Curacao reefs,” CFEST-FTCE pending funding by Shippensburg University (**\$1500**)
- 2016 “GIS of lionfish regulations around the Western Atlantic,” SURE grant funded by Shippensburg University Arts and Science (**\$750**)
- 2016 College of Arts and Sciences Faculty-Led Research (**\$1021**)
- 2016 “Sustainability practices and craft breweries in Pennsylvania” CFEST-Faculty Student Research (**\$4720**)
- 2015 “GIS and the mapping of coral reefs over rime,” SURE grant funded by Shippensburg University Arts and Science (**\$750**)
- 2014 “Historic taverns and current craft breweries” Student/Faculty Research Engagement Grant SFRE, Shippensburg University Arts and Science (**\$1190**)
- 2014 “The geography of thrift stores, consignment shops, and first-hand retail in the greater Harrisburg area,” SURE grant funded by Shippensburg University Arts and Science (**\$750**)
- 2013 “Assisting veterans: Using GIS to assess and increase the efficiency of charitable donations” CFEST (**\$5968**)
- 2013 “Underwater video camera to develop methodology for surveying and mapping the impacts of SCUBA and Snorkeling on Coral Reefs” Student/Faculty Research Engagement Grant SFRE, Shippensburg University Arts and Science (**\$1699**)
- 2012 “GIS based analysis of settlement patterns in the Cumberland Valley” SURE grant funded by Shippensburg University Arts and Science (**\$750**)
- 2012 “College of Arts and Sciences Faculty-Led Research (**\$600**)
- 2010 “GIS for archival map preservation, access, and analysis” CFEST (**\$4,857**)
- 2008 Service learning project with students creating interactive maps for online reservations of campgrounds for the Pennsylvania State Parks with Dr. Jan Smith (**\$9,900**)
2004. “Pairing World Regional Geography and World History through a common topic: piracy and trade” Shippensburg University General Education Student Engagement Grant (**\$2839.12**)
- 2004 “Pedagogical approaches to GIS” funded by Shippensburg University with Dr. Janet Smith to the Center for Faculty Excellence in Scholarship and Teaching (**\$6252**)

- 2001-2004 “Geographic Information Systems for Geography-Earth Science Department and the Ezra Lehman Memorial Library,” Venture Capital Loan/Program Initiative Grants funded by the State of Pennsylvania **(\$103,077)**
- 2002-2003 “GIS and Initial Statewide K-12 Teacher Training” with Dr. Thomas P. Feeney. Developed GIS workshops for July, 2002 with follow up work during the 2002-2003 academic year. Funding supported by the Pennsylvania Department of Education **(\$180,477)**
- 2001 “Link to Learn Grant: GIS for Educators” with Dr. Diane Stanitski-Martin to host a workshop for K-12 teachers during the summer with follow-up visits during the 2001-2002 academic year. Funding supported by the Pennsylvania Department of Education. **(\$157,019.71)**
- 2000 “Women Knitters and the Economic Importance of Musk Oxen in Rural Arctic Communities” Professional Development Committee at Shippensburg University for funding for a project entitled " from the Professional Development Committee and Shippensburg University **(\$5313.30)**
- 1999 “Enhancing Canadian Content in Shippensburg University’s Geography of the United States and Canada General Education Course” with Dr. Kurt Fuellhart to the Canadian Embassy **(\$4472.39)**
- 1999 ESRI software donation. Student applications of GIS software for active learning and the Burd Run project **(\$235,900)**

CFEST TRAINING GRANTS

- 2019 Siebel Institute of Technology “WBA Executive Overview of the Brewing Process” CFEST-FTCE Grant **(\$1,080)**
- 2018 “Cider and Perry Academy Training” CFEST-FTCE Grant **(\$3,076)**
- 2015 “Environmental Sustainability Course, Coral Reef Ecology: Bermuda” CFEST **(\$2,257)**
- 2013 “Coral Reef Training: Online course and deep water certification” CFEST **(\$1818)**
- 2010 “ESRI GIS Training: Geodatabases” funded by Shippensburg University, CFEST program **(\$1859)**
- 2009 ESRI GIS Training: Working with Spatial Analyst, funded by Shippensburg University, CFEST program **(\$2,203)**
- 2008 ESRI GIS Training: Introduction to ArcGIS Server, funded by Shippensburg University, CFEST program **(\$2,196)**

CFEST TRAVEL GRANTS

- 2018 “2018 Lionfish Summit, Cocoa Beach, FL.” CFEST Travel Grant to attend meeting **(\$1000)**
- 2016 “North American Cartographic Information Society, Colorado Springs, CO.” CFEST Travel Grant to attend annual meeting **(\$1000)**
- 2015 “North American Cartographic Information Society, Minneapolis, MN” CFEST Travel Grant to attend annual meeting **(\$800)**
- 2014 “Association of American Geographers, Tampa, FL” CFEST Travel Grant to attend annual meeting **(\$1400)**
- 2012 “Association of American Geographers, New York” CFEST Travel Grant to attend annual meeting **(\$900)**

- 2010 “National Science Teachers Association” CFEST Travel Grant to attend meeting targeting teaching strategies and pedagogies (**\$1000**)
- 2009 “American Congress on Surveying and Mapping” CFEST Travel Grant to attend annual meeting (**\$1000**)
- 2008 “Association of American Geographers, Boston, MA” CFEST Travel Grant to attend annual meeting (**\$688**)
- 2007 “North American Cartographic Information Society, St. Louis, MO” CFEST Travel Grant to attend annual meeting (**\$900**)
- 2004 “Association of American Geographers, Philadelphia, PA” CFEST Travel Grant to attend annual meeting (**\$490**)
- 2003 “Association of American Geographers, New Orleans, LA” CFEST Travel Grant to attend annual meeting targeting (**\$900**)

PAPERS PRESENTATIONS AND WORKSHOPS

- “Recreational scuba diver impacts on invasive lionfish populations in the Bahamas,” poster present with Dr. Mathew Fetzer and Natan Riley at the 2018 Lionfish Summit, Cocoa Beach, FL. October 2018.
- “Hop farming and breweries” invited speaker at the 102nd Pennsylvania Farm Show, request from PA Preferred Program of the PA Department of Agriculture, Harrisburg, PA, January, 2018.
- “Ale Trail Maps: Growth of experiential tourism and Pennsylvania’s craft beer industry” presented at The Pennsylvania Geographic Society annual meeting, Shippensburg, PA, November, 2017
- “Maps for sustainable tourism from Pennsylvania’s craft beer and wine industries,” paper presented at the North American Cartographic Information Society’s annual meeting, Colorado Springs, CO, October, 2016.
- “Pennsylvania’s craft beer: “tapping” into history while making a “case” for sustainable development and neolocalism,” paper presented at The Pennsylvania Geographic Society annual meeting, West Chester, PA, November, 2015.
- “Cartographic Perspectives special session-cartography in the classroom: A changing landscape,” invited talk to the North American Cartographic Information Society’s annual meeting, Minneapolis, MN, October, 2015.
- “Consumption geography in Harrisburg, Pennsylvania: Consignment shops, thrift stores, and firsthand clothing outlets in relationship to U.S. Census demographic data,” co-presented paper with Ms. Terri A. Hoover at The Pennsylvania Geographic Society annual meeting, State College, PA, November, 2014.
- “GIS analysis of the Military Order of the Purple Heart Veterans thrift store donations” poster presented at the Association of American Geographers annual meeting, Tampa, Florida, April 2014.
- “Spring Houses of Montgomery Township, Pennsylvania: Historical, locational, and architectural patterns of an early settlement cultural artifact” paper presented at the Annual meeting for the Middle States region of the Association of American Geographers, Shippensburg, PA, November 2012.
- “Spring Houses and Early Settlement” invited all-day workshop and seminar, Conococheague Institute, Welsh Run, PA. November 2012.
- “SURE-Student Research Opportunities at Shippensburg University” welcoming incoming freshman, CUB Shippensburg University, August 2012.

- “A GIS analysis of historic maps created during the first hundred years of Bermuda’s settlement” poster presented at Annual meeting for the Association of American Geographers, New York, NY, February, 2012
- “Online Mapping of Campgrounds for the Pennsylvania State Parks: Student Service Learning Project” poster presented at Annual meeting for the Association of American Geographers, Boston MA, April 2008.
- “The Cartographic Apprentice: By the End of this Assignment, Someone Will be Fired” paper presented at the annual meeting for the North American Cartographic Information Society, in St. Louis, IL, October, 2007
- “Empirical Research on GIS Pedagogy” Poster presented at the Annual meeting for the Association of American Geographers, Denver, CO, 2006.
- “Yo-Ho, Yo-Ho, A Pirates Life for Me” paper co-presented with Dr. Thomas P. Feeney at the annual meeting for the Pennsylvania Geographic Society in New Cumberland, PA. 2005
- “Drive-In Movie Theaters: Still Running in Pennsylvania” poster presented with Dr. Thomas P. Feeney at the annual meeting of the Association of American Geographers in Philadelphia, PA. March 2004.
- “Hands-On Activities to Introduce GIS Concepts and Skills” workshop conducted with Dr. Janet Smith at the National Council for Geographic Education annual meeting in Salt Lake City, Utah. October 2003.
- “The Geography of Knitting: Using GIS for the Newest Trends of an Old Hobby” poster presented at the annual meeting of the Association of American Geographers in New Orleans, LA. March 2003.
- “Musk Oxen, Canada, and the Geography of Knitting,” paper presented in Philadelphia, PA. October 2002.
- “A Year of GIS, K-12 Educators and Students,” paper co-presented with Dr. Diane Stanitski-Martin and Ms. Holly Smith in Philadelphia, PA. October 2002.
- “Wildlife of the Canadian Rockies: Course Development Materials” Paper presented at the National Council for Geographic Education annual meeting in Vancouver, British Columbia, August 2001.
- Participant at the Pennsylvania Geographic Alliance Teacher Consultant Conference in Erie Pennsylvania, May 2001.
- “Using Geographic Tools to Aid Disabled Populations: A Case Study of Interactive Multimedia for Dyslexic Students” Paper presented at the Association of American Geographers, February 2001.
- Attended the Association of American Colleges and University's Diversity Learning Conference held in Pittsburgh, PA, October, 2000.
- “Visualization and Temporal Animation: The Drought of 1999” paper to be presented in conjunction with Dr. Thomas P. Feeney, at the annual meeting for the Association of American Geographers in March, 2000.
- “Canadian Geography: A Multi-Media Classroom Enhancement Project” paper presented with Kurtis G. Fuellhart at the annual meeting of the Pennsylvania Canadian Consortium in Mansfield, PA, February, 2000.

“Advantages and Disadvantages of Interactive Multimedia for Geographic Education” paper to be presented at the National Council of Geographic Education’s annual meeting in November, 1999.

“Tourism Maps and the Amish: Technological Discrepancies in Lancaster County” paper to be presented at the North American Cartographic Information Society’s annual meeting in October, 1999.

INVITED TALKS

“Local Beers,” South Mountain Seminar Series Speaker, Shippensburg PA, June, 2019.

“Pennsylvania’s Breweries,” Booze and Culture, Penn State University, State College, PA. March 2019.

“Breweries for Economic Development,” Harrisburg Leadership, Carlisle, PA March 2019.

“Breweries and Community,” Chambersburg Rotary Club, Chambersburg, PA, Feb. 2019

“History and Hops,” Cumberland County Historical Society, Carlisle, PA, Feb. 2019

BOOK, JOURNAL, and TECHNICAL GIS REVIEWS

Reviewed manuscript “A Practical Emphasis” for *Cartographic Perspectives*, May, 2018.

Reviewed Pulshipher World Regional Geography 7e Digital Content Review March, 2017.

Reviewed manuscript “Validation and analysis of MW_IR OI SST Product” for *Keystone Journal of Undergraduate Research*, March, 2017.

Reviewed manuscript “Stone Soup: Photo-elicitation as a learning tool in the Food Geography Classroom” for *Journal of Geography in Higher Education*, April 2014.

Reviewed full manuscript of *GIS and ArcGIS* published by W.H. Freeman, August, 2013.

Reviewed ESRI SpatialLABS entitled “Population Estimates from One Areal Unit to Another” July 2012.

Reviewed Tom McKnight’s *Regional Geography of the United States and Canada* 4th edition, Pearson’s publishing. September 2011.

Reviewed *World Regional Geography* 10th Edition by Doug Johnson, Viola Haarmann, Merrill Johnson, and David Clawson, Pearsons publishing. May 2011.

Reviewed three chapters, “Introduction”, “North America”, and “Middle and South America” of a new edition of *World Regional Geography Concepts* by Lydia Mihelic Pulsipher and Alex Pulsipher, W.H. Freeman & Company. January 2011

Reviewed ESRI lab unit entitled “Environmental Equity labs” March 2010.

Reviewed ESRI lab unit entitled “Groundwater for many people: The spatial science of a shared resource” January 2010.

Reviewed journal article for *The Professional Geographer* entitled “Commuting, Gender roles and Entrapment: A National Study utilizing Spatial Fixed Effects and Control Groups”, September 2009.

Reviewed a chapter on Oceania: Australia, New Zealand, and the Pacific for a World Regional Textbook, published by W.H. Freeman and Co. September 2008.

Reviewed a chapter on Sub-Saharan Africa for a World Regional Textbook, published by W.H. Freeman and Co. March 2008.

Reviewed a new edition of an introductory level textbook on *The Fundamentals of GIS* for Wiley, February 2007.

Reviewed an introductory level textbook entitled “Globalization and Diversity” for Prentice Hall, November 2005.
Reviewed an introductory level textbook on The Geography of the United States and Canada for Prentice Hall, summer 2005.
Reviewed paper for *Journal of Geography* entitled “Promoting Geographic Literacy: Using Games in K-8 Classrooms” October 2003.
Reviewed an intermediate level GIS textbook for Prentice Hall, fall 2000.
Reviewed introductory textbook on The Geography of the US and Canada for Prentice Hall, spring 2000
Reviewed and ranked abstracts for the International Cartographic Association’s meeting to be held in Beijing, China, January 2001.
Reviewed and coordinated the National Geographic Society’s cartographic award. I received maps from all over the world and established judging criteria and contacted other cartographers to complete the judging, January 2002.

BEER INDUSTRY CERTIFICATION

Siebel Institute of Technology-World Brewing Academy-WBA Executive Overview of the Brewing Process-July, 2019
PLCB Server Seller Exam-RAMP certification-April, 2019
Cider and Perry Academy Training, June, 2018

ESRI CERTIFICATION TRAINING

ESRI ArcGIS 10.1: Transform your Organization, Harrisburg, PA, 2012, (3 hours)
ESRI Building Geodatabases, Redlands, CA, 2009 (24 hours)
ESRI Increase Productivity with ArcGIS 10, Columbia, MD, 2009 (3 hours)
ESRI Spatial Analyst, San Antonio, TX, 2009 (24 hours)
ESRI Network Analyst Training, Harrisburg PA, 2008 (10 hours)
ESRI ArcServer Training, West Palm Beach, FL, 2008 (16 hours)
ESRI Water Seminar, Silver Springs MD, 2008 (3 hours)
ESRI GIS and Law Enforcement Seminar, Rochester, NY, 2008 (3 hours)

ESRI ONLINE CERTIFICATION TRAINING

Solving Spatial Problems Using ArcGIS, October, 2014, (3 hours)
Distance Analysis Using ArcGIS, October, 2014, (3 hours)
Regression Analysis Using ArcGIS, October, 2014, (3 hours)
Getting Started with GIS, October, 2014, (3 hours)
Exploring Spatial Patterns in your Data Using ArcGIS, May, 2014, (3 hours)
Cartographic Design Using ArcGIS, November 2009, (21 hours)
Working with Raster in ArcGIS Desktop, May 2009, (9 hours)
Learning ArcGIS Spatial Analyst, May 2009, (18 hours)
Understanding GIS Queries, September 2008, (3 hours)
Georeferencing Rasters in ArcGIS, September 2008, (3 hours)

TECHNICAL DEVELOPMENT AND TRAINING

REEF Fishinar “The war on lionfish” 02/17/2017
REEF Lionfish Invasive Species Research Field Team-Curacao, 2016.
PADI Lionfish Invasive Species Hunter Course-Islamorada, 2016.

Down Under Out Yonder (DUOY) NOAA supported education training for Gulf of Mexico coral reef and oil and gas industry sustainability, summer 2015.

Columbia University's Earth Institute Center for Environmental Sustainability course entitled "Coral Reef Ecology," March 2015.

PADI Enriched Air Diver Course-York Divers June 2015.

PADI Advanced Open Water Diver Course-online training followed by technical training and completion of skills performed in the ocean, July 2013.

Passed Peak Performance Boyancy, Night Diving, Wreck Diving, Underwater Navigation, Boat Diving, Underwater Naturalist, and Fish Identification

PADI Open Water Diver Course-online training followed by technical training and completion of skills performed in the ocean, June 2013.

Completed online course "What's new with Blackboard 7.3, May 2009.

Completed online course "What's new with Blackboard 7.2 December 2007.

"Online Course Quality Standards" presented by Andrea Henne through an online seminar, Shippensburg University, May, 2007.

GeoTools: Spatial Inquiry Using Web-Mapping Tools, December 2007.

Completed on campus technical training, Respondus, February, 2007.

Completed online course "What's new with Blackboard 7.0, November 2006.

University Sponsored Teaching Team with Jan Smith, JR Stewart, Ruth Ann Pitkin, Abdulmajeed Abdurrahman, and Joe Shane, 2005-2006.

GRADUATE STUDENT INTERACTION

Master's thesis committee for Brett R. Gildner "Influences of soil parameters on the health of maritime forests, Assateague Island, Virginia" 2014-present.

Master's thesis committee for Marlin Gruver's "Developing a Tool to Evaluate the Health of Street Trees for Community Involvement" 2012-2014.

Master's Independent Research Project for Matthew (?) Krapf developing a GIS to help the Borough of Shippensburg map and manage their urban trees, 2011-2012.

Established GIS for Bermuda's Conservation Office mapping shipwreck data for web-based publication to the public. Traveled with Stewart Beattie to Bermuda to meet with conservation officers and worked in national archives, 2010-2011.

Worked and funded Stewart Beattie to bring historic maps into GIS to analyze the accuracy of the first 100 years of settlement of Bermuda, 2010-2011. He developed an independent study to examine GIS as a historical resource tool.

Project Prepare-Action Research Supervisor for Rebecca Zentz at CV High School resulting in published article "Assessing Technology Use in Science Classrooms with a Focus on Geographic Information Systems" in *Axiology* a journal focusing on the value of pedagogical practices, fall 2003.

Project Prepare-Action Research Supervisor for Heather Waybright at Northern York Middle School resulting in published article "Assessing Technology Use in Science Classrooms: Website as an Online Communication Tool" in *Axiology* a journal focusing on the value of pedagogical practices, fall 2003.

Project Prepare-Action Research Supervisor for Derek Anthony at Shippensburg Area Middle School resulting in published article "Assessing Technology Use in Science Classrooms with a Focus on Geographic Information Systems" in *Axiology* a journal focusing on the value of pedagogical practices, fall 2003.

"Can the Internet be Used to Effectively Teach Air Pollution in Secondary Education?" Graduate Research Studies with Bill McIntosh, 2002.

“Virtual Trail of North Country Trail” with Amanda Krugh (\$500 from the graduate research funding), 2001

“Park and Recreation Planning and GIS in Washington County, Maryland” Thesis advisor for Jennifer Kinzer, 2001.

UNDERGRADUATE STUDENT INTERACTION

Secured grant funding, developed project and mentored poster for “GIS and mapping coral reefs over time,” with Patrick Peck. Presented results on campus and at the annual meeting of the Pennsylvania Geographic Society, West Chester, PA, November, 2014.

Secured grant funding, developed project and mentored paper for “Historic Taverns and Current Craft Breweries,” Ms. Terri A. Hoover.

Secured grant funding, developed project and mentored paper for “Consumption geography in Harrisburg, Pennsylvania: Consignment shops, thrift stores, and firsthand clothing outlets in relationship to U.S. Census demographic data,” co-presented with Ms. Terri A. Hoover at The Pennsylvania Geographic Society annual meeting, State College, PA, November, 2014. She earned second place undergraduate paper award.

Mentored, developed, and secured 3 separate grant funds to support equipment, travel and conference presentations. Advised capstone research for Clay Helm’s Honors capstone project “Investigating the effects of SCUBA diving on populations of *Acropora Cervicornis* in Roatan, Honduras.” 2013-2014.

Mentored Clay Helm develop poster for the Association of American Geographers national meeting, Tampa, Florida, April 2014.

Mentored, advised, and secured funding for “GIS analysis of the Military Order of the Purple Heart Veterans thrift store donations” for Danielle Prior to input GIS data GIS, 2012- 2013.

Mentored Brandon Snyder in historical archives research of early settlement patterns in the Cumberland Valley. Researched and located historic maps, conducted field research inventory all the remaining spring houses in Montgomery Township, PA. The project resulted in an undergraduate research grant, a regional paper presentation, invited lectures, and two peer review publications. 2011-2013.

Funded Kameelah Temple for a GIS based analysis of settlement patterns in the Cumberland Valley where she digitized historic maps and entered data into GIS, 2012.

“Advised Jessica Martin’s Undergraduate Research Grant “Predictive Modeling for Archeology using GIS in Canyon de Chelly National Monument,” 2003-2004.

Fall 2003. Project Prepare-Action Research Supervisor for Colleen Austin at James Buchanan Middle School.

“A cognitive study of Transplant Maps,” advisor to an Undergraduate Research Program Proposal submitted by Sara Henke, academic year 2000-2001.

“A Hands on Study of Relevance and Effectiveness of North American Public Transportation.” Co-advisor with Margaret Evans, Jan Ruby-Baird on an Undergraduate Research Program Proposal submitted by R. Bradely Maule, 1999-2000.

ATTENDENCES AT MEETINGS

Society for the History of Discoveries, 54th Annual Meeting, October 31-November 3, 2013.

Pennsylvania Desire2Learn Ignite, Lancaster, November 18, 2013

National Science Teachers Association, Pittsburgh, PA to attend meeting targeting teaching strategies and pedagogies, March 2010.

PROFESSIONAL SERVICE

Reviewer for the Cartographic Education section of *Cartographic Perspectives*, the journal for the North American Cartographic Information Society-2018-present

UNIVERSITY SERVICE

General Education Committee (GEC) -alternate 2011-present

Secretary of General Education Committee-2011-2015

Ad Hoc Amendment Committee to review/revise bylaws

Advisory Council on Undergraduate Research-2014-present

Professional Science Mastery Task Force (PSM) 2012-present

University Library Committee-2012-present

Served on Associate Dean and Director of the Library Search Committee, 2012

APSCUF/SU representative to Alumni Committee 2014-2015

APSCUF/SU representative to Sexual Harassment Education Committee 2014-2015

APSCUF/SU University-Wide Tenure Committee. 2006-2007

APSCUF/SU University-Wide Promotion Committee. 2004-2005

APSCUF/SU Human Relations Committee. 1999-to 2006

Campus wide Volvo Working Group: 2011 to present

Faculty Advisor to the Student Ski Club-2009-present

Faculty Advisor to Student Adventure Club 2010-present

Co-advisor for the 2010-2011 year

Interdisciplinary Search Committee for the Science Education position, 2004-2005.

Exercise Science Evaluation Committee 2007-2008

Observed tenure track faculty

DEPARTMENT SERVICE

Department Professional Affairs Committee- Fall 2002-to present

Chair of DPAC May 2003-2009

Chaired search committees for 4 tenure-track position

Chaired search committees for 3 full-year temporary positions

Department Undergraduate Grade Appeals Committee- Fall 2015-to present

Department Graduate Grade Appeals Committee- Fall 2015-to present

Presented at Department's Advisory Board Meeting-2008

Dr. Applegarth's Geography of US and Canada course- Covered 5 weeks in 2008.

Mentor to Scott Drzyzga, tenure-track faculty starting January 2004

Mentor to Karsten Shein-a two year, full-time temporary faculty 2003-2005

Maintained the ESRI Master Lab License Agreement for computer labs 1999-2005

Department Resources and Facility Management Committee-Fall 1998 to 2003

In charge of the department's Multimedia Resources, laptops, and projectors

August 2005, Academic Day Group Discussion Leader
July, 2005. Faculty representative for Honor orientation for students and parents,
November 2004. Judge of the 2004 Mr. Shippensburg Competition
Served as one of four discussant in the Field House for the opening session for Arts and
Science during Academic Day, August 20, 2000
Panel discussant at the Martin Luther King Day events “Searching America’s Past Civil
Rights Achievements to Make Sense of the Future,” January 15, 2000.
Rural Education Partnership Program. “Computer Mapping: Make Your Own.”
University Subcommittee on Accommodations for Students with Learning Disabilities
Spring 1999 to 2000.
University’s Developmental Education Advisory Committee- Spring 1999 to 2000.

COMMUNITY SERVICE

Shippensburg Revitalization Group Community Relations, 2017-present
Recreation and Tourism sub-committee, 2017-present
Created GIS map to assist the Purple Heart Veterans in their Mid-Atlantic collection of
donations, 2012-2113.
Created GIS map for local Brewery to locate potential sites for second tap room, 2014-
2015.
Summit Health Quality Improvement Committee, 2014-present
Provided Professional Expertise in developing a GIS coordinated data entry of historical
documents to Bermuda’s Department of Conservation Services in creating a GIS to
manage their shipwreck data. Due to legal restrictions, preservation concerns, and
public safety the locational maps cannot be disseminated but individual wrecks can be
viewed online, <http://www.conservation.bm/shipwrecks/> 2010-211.
Develop GIS for Shippensburg Borough to map and manage urban street trees. This
imitative has made them eligible to seek additional green grants and funding. 2011-
present.
Co-Coordinator for Pennsylvania State Geography Bee-local arrangements for 100
students and approximately 500 guests for the 2002-2007.

PROFESSIONAL MEMBERSHIP

Association of Canadian Studies in the United States -1999-2003
Association of American Geographers-1996-present
Specialty Groups: Cartography, G.I.S., Education, Geomorphology
North American Cartographic Information Society-1995 - present
Society for Historical Discoveries-2013-present
The Pennsylvania Geographic Society-1998-present
National Council for Geographic Education-1997-2003