

Curriculum Vitae (Abbreviated)

Michael T. Applegarth, Ph.D.

Associate Professor
Department of Geography and Earth Science
Shippensburg University
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Education

Doctor of Philosophy, Geography; 2001. Arizona State University; Tempe, Arizona
Dissertation: Interpretation of Pediment Form using Geographic Information
Technology and Field Data

Courses Taught (Shippensburg University)

Geography of the United States and Canada
Image Processing
Remote Sensing
Soils

Journal Articles and other Publications

Applegarth, M.T. and Stefanov, W.L. 2006. Use of Thermal Infrared
Multispectral Scanner (TIMS) Imagery to Investigate Upslope Particle
Size Controls on Arid Piedmont Morphology. *Geomorphology*, 82, pp. 388-397.

Applegarth, M.T. 2004. Assessing the influence of mountain slope morphology
on pediment form, south-central Arizona. *Physical Geography*, 25, pp. 225-236.

Applegarth, M.T. and Dahms, D.E. 2004. Aeolian modification of moraine soils,
Whiskey Basin, Wyoming, USA. *Earth Surface Processes and
Landforms*, 29, pp. 579-585.

Beyer, P.J., Pope, G.A., and Applegarth, M.T. 2004. Digging with the Devil:
Physical Geography and Resource Use in the New Jersey Pine Barrens. In
P.H. Dougherty (Ed.) *Geography of the Philadelphia Region: Cradle of
Democracy*. Association of American Geographers Annual Meeting Publication.

Dahms, D.E., Hall, R.D., Shroba, R.R., Sorenson, C.J., Lynch, E.A., Applegarth,
M.T., and Dillon, J. 2003. The Rocky Mountain Glacial Model: The Wind
River Range, Wyoming. In D.J. Easterbrook (Ed.) *Quaternary Geology of
The United States*. International Union for Quaternary Research 2003 Field Guide
Volume.

Professional Presentations

- 2019:** Association of American Geographers Annual Meeting, Washington, DC: “Arroyo Morphology in Organ Pipe Cactus National Monument”
- 2018:** Pennsylvania Geographic Society Annual Meeting, Villanova, PA: “Mojave and Sonoran Deserts through Arizona.”
- 2017:** Association of American Geographers Annual Meeting, Boston, MA: “An example of teaching Geography of United States and Canada.”
- 2015:** Association of American Geographers Annual Meeting, Chicago, IL: “An example of teaching Soils.”
- 2014:** Association of American Geographers Annual Meeting, Tampa, FL: “An example of teaching Image Processing techniques.”

Research Grants Awarded

- 2018:** Shippensburg University Geography-Earth Science Department G. Bryan Salzmann Research Award: “Field research at Paint Mines Interpretive Park, Colorado.”
- 2017:** Shippensburg University Center for Faculty Excellence in Scholarship and Teaching: “Field research and course development in the western United States.”

University-Department Service

- 2010 - Present:** Department of Geography-Earth Science Facilities and Resource Management Chair

Master’s Thesis Research Supervised (Thesis Committee Chair)

- 2016:** Joseph G. Galella; *Slackwater Sedimentation at Laughlin Milldam, Newville, Pennsylvania*