

Curriculum Vitae

Timothy James Scarlett

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Degrees / Affiliations:

Ph.D., Department of Anthropology, University of Nevada, Reno, 2002.

Dissertation: *Potting in Zion: the potter's craft and industry in Utah, 1848-1930.*

Master of Arts, Department of Archaeology, Boston University, 1994

Bachelor of Arts, Department of Anthropology, University of Arizona, 1991

Position History:

Associate Professor of Archaeology, Department of Social Sciences, Michigan Technological University, Houghton, Michigan. 2008-Present.

Assistant Professor of Archaeology, Department of Social Sciences, Michigan Technological University, Houghton, Michigan. 2002-2008.

Instructor, Department of Social Sciences, Michigan Technological University, Houghton, Michigan, 2001-2002.

Visiting Scholar, Winterthur Garden, Museum, and Library, Winterthur Delaware. 2001.

Dissertation Fellow, Archaeometry Laboratory, Missouri Research Reactor University of Missouri-Columbia. 2000-2001.

Curator, at Ottinger Hall Firemen's Benevolent Association Museum, This Is The Place Heritage Park, Salt Lake City, Utah. 2000.

Lecturer in Archaeology, Johns Hopkins University, Center for Academically Talented Youth. 1992-2001, (Annual Summer, Franklin and Marshall College Campus).

Instructor in Anthropology and Distance Learning, Great Basin College, Elko, Nevada. 1998-1999.

Instructor in Anthropology and Distance Education, Truckee Meadows Community College, Reno, Nevada. 1998-1999.

Lecturer, University of St. Francis, Joliet, Ill (St. Mary's Medical Center, Reno, NV). 1999.

Instructor, Excellence in Teaching Program, University of Nevada, Reno. 1999.

Teaching Assistant Training Specialist in The Graduate School Instructional Development Office at the University of Nevada, Reno. 1997-1999.

Teaching Assistant and Instructor in Distance Education, Department of Anthropology, University of Nevada, Reno. 1994-1997.

Publications: Articles in Peer Reviewed Journals

Zhao, Shan, Bowen, Patrick. K., Drelich, Jaroslaw., and Scarlett, Timothy James. (2015). "Modeling Reproducibility in Rehydroxylation of Ceramic Artifacts." *Journal of the American Ceramic Society* 98(10):3367–3372.

Bowen, Patrick. K., Drelich, Jaroslaw., and Scarlett, Timothy James. (2013). Modeling "Rehydration/Rehydroxylation Mass-Gain Curves from Davenport Ceramic." *Journal of the American Ceramic Society* 96(3):885-891.

Drelich, Jaroslaw., Bowen, Patrick. K., and Scarlett, Timothy James. (2013). "Effect of Humidity Instability on Rehydroxylation in Fired Clay Ceramics" *Journal of the American Ceramic Society* 96(4):1047-1050.

Bowen, Patrick K., Helen J. Ranck, Timothy J. Scarlett, and Jaroslaw W. Drelich. (2011). Rehydration/Rehydroxylation Kinetics of Reheated XIX-Century Davenport (Utah) Ceramic. *Journal of the American Ceramic Society* 94(8):258-2591.

Scarlett, Timothy James, Michael Deegan, and Renée Blackburn. (2009). Two Seasons of Excavation at the 1865 Office Building at Scenic Hudson's West Point Foundry Preserve. *IA: the Journal of the Society for Industrial Archaeology*. 35(1/2):105-115.

Deegan, Michael and Timothy James Scarlett. (2008). The Conservation of Ferrous Metals from the West Point Foundry Site. *Bulletin of the New York State Archaeological Association* 124: 56-68.

Scarlett, Timothy James, Robert J. Speakman, and Michael D. Glascock. (2007). Pottery in the Mormon Economy: an Historical and Archaeometric Study. *Historical Archaeology*. 41(4):70-95.

Scarlett, Timothy James, Jeremy Rahn, and Daniel Scott. (2006). Bricks and an Evolving Industrial Landscape: the West Point Foundry and New York's Hudson River Valley. *Northeast Historical Archaeology* 35:29-46.

Scarlett, Timothy James. (2006). Globalizing Flowscapes and the Historical Archaeology of the Mormon Domain. *International Journal of Historical Archaeology* 10(2):109-134.

Scarlett, Timothy James. (1999). Narcissus's Mirror: Manufacture and Modernism in the Great Basin—the case of pottery. *International Journal of Historical Archaeology* 3(3):131-200.

Scarlett, Timothy James, Robert J. Speakman, and Michael D. Glascock, and Garrett Timmerman. (n.d.). Religion and Environmental Learning: The Church of Jesus Christ of Latter-Day Saints' Pottery Industry. *Journal of Anthropological Method and Theory* (Under revision for review, August 2007).

Scarlett, Timothy James. (n.d.). Random Chance and the Eureka Phenomenon: an Anthropologist Studies Himself. Society for Historical Archaeology Special Publication Series provisionally titled *Entering Historical Archaeology: the Second and Most Recent Generations*. Edited by Robert L. Schuyler. (Accepted, on hold).

Publications: Book Chapters

- Scarlett, Timothy James. (2017). A Dangerous Discipline: Practicing Historical Archaeology in the Mormon Domain. In Margaret Purser and Mark Warner (eds.), *Historical Archaeology through a Western Lens*, University of Nebraska Press, Lincoln.
- Scarlett, Timothy James, Amy M. Bastion, Leslie G. Cecil, Christopher W. Merritt, and Michael Glascock. (2015). A Muddy Study: The Utah Pottery Project as a Case Study for Archaeometric Analyses of Global Flows of Potters, Pottery, and Potting. In Jaume Buxeda I Garrigós, Marisol Madrid i Fernández, and Javier G. Iñáñez (eds.), *GlobalPottery 1: Historical Archaeology and Archaeometry for Societies in Contact*. British Archaeological Reports (BAR), International Series 2761, BAR Press, Oxford, pp. 397-409.
- Scarlett, Timothy James and Samuel Sweitz. (2012). Constructing new knowledge in Industrial Archaeology. In Harold Mytum (ed.), *Global Perspectives on Archaeological Field Schools*. Springer Verlag, New York, pp. 119-145.
<http://link.springer.com/book/10.1007/978-1-4614-0433-0>
- Scarlett, Timothy James. (2010). What if the Local is Exotic and the Imported Mundane? Measuring Ceramic Exchanges in Mormon Utah. In Carolyn Dillan and Carolyn White (eds.), *Trade and Exchange: Archaeological Studies from History and Prehistory*. Springer Verlag, New York, pp. 165-178.
- Little, Nicole C., Timothy James Scarlett, Robert J. Speakman, Christopher W. Merritt, and Michael D. Glascock. (2007). Analysis of Historic Latter-day Saint Pottery Glazes by LA-ICP-MS. In Michael D. Glascock, Robert J. Speakman, and Rachel S. Popelka (eds.), *Archaeological Chemistry: Analytical Methods and Archaeological Interpretation*, American Chemical Society Publication Series #968, Oxford University Press, New York, NY, pp. 447-459.
- Scarlett, Timothy James. (n.d.). Bedson Earley's Eight Large Jars: Archaeological Science and the Biography of Things. In Timothy James Scarlett (ed.), *Science and Historical Archaeology*, University Press of Florida, Gainesville, FL, pp. 33-61. (Accepted, board approval pending, Oct 2007).
- Scarlett, Timothy James. (n.d.). Science-as-Paradigm and Science-as-Tool: Reasoning in American Historical Archaeology. In Timothy James Scarlett (ed.), *Science and Historical Archaeology*, University Press of Florida, Gainesville, FL, pp. 1-17. (Accepted, board approval pending, Oct 2007).
- Scarlett, Timothy James and Christopher W. Merritt (n.d.). An Update from the Utah Pottery Project: Expanding Ideas of Consumption from Frederick Petersen's Salt Lake City Pottery. In Benjamin Pykles (ed.), *Historical Archaeology of the Mormon Domain*. University of Utah Press, Salt Lake City. (Accepted 2007).
- Scarlett, Timothy James. (2005). [Guide to] Monsoon Wedding. In Bradley Baltensperger (ed.), *World Cultures: Activities Guide and Narratives*. Pearson Custom Publishing, Boston, MA., pp. 64-68.
- Scarlett, Timothy James. (2005). [Guide to] Rabbit Proof Fence. In Bradley Baltensperger (ed.), *World Cultures: Activities Guide and Narratives*. Pearson Custom Publishing, Boston, MA., pp. 69-76.

Scarlett, Timothy James. (2002). Consumption. In Charles Orser (ed.), *The Encyclopedia of Historical Archaeology*, Routledge Press, London, pp. 129-132.

Scarlett, Timothy James. (2002). Immigration. In Charles Orser (ed.), *The Encyclopedia of Historical Archaeology*, Routledge Press, London, pp. 285-286.

Scarlett, Timothy James. (2002). Stoneware. In Charles Orser (ed.), *The Encyclopedia of Historical Archaeology*, Routledge Press, London, pp. 529-531.

Publications: Technical Reports.

Parker-McGlynn, Kyle and Timothy Scarlett. (2021). Archaeological Monitoring of Stamp Sands Remediation at Gay, Michigan (under review). Report submitted to the Department of Environment, Great Lakes, and Energy (EGLE), State of Michigan.

Scarlett, Timothy and Grace Ojala. (2021). Provisional Interpretation of Geophysical and Remote Sensing Surveys of the Fort Wilkins Cemetery. Fort Wilkins State Park. Department of Natural Resources, State of Michigan.

Scarlett, Timothy and Kyle Parker-McGlynn. (2021). Archaeological Survey of Ripley Ravine and the Ripley Mining Company (20HO301). Federal Emergency Management Agency, Department of Homeland Security, Washington, DC.

Rouleau, Laura, Sarah Scarlett, Steven Walton, and Timothy Scarlett. (2019). An Historic Resources Study for Pullman National Monument. Midwest Archaeology Center, National Park Service, United States Department of the Interior.

Scarlett, Timothy. (2017). *Summary of Testing at the Italian Hall Memorial Site*. Submitted to the Midwest Archaeology Center, National Park Service, United States Department of the Interior. October 3rd, 2017.

Scarlett, Timothy and Steven Walton. (2017). *Archaeological Overview and Assessment, Pullman National Monument, Chicago, Illinois*. Submitted to the Midwest Archaeology Center, National Park Service, United States Department of the Interior. June 9th, 2017.

Scarlett, Timothy. (2017). *Summary of Testing at the Italian Hall Memorial Site (90% Draft)*. Submitted to Village of Calumet, Michigan. September 1st, 2017.

Scarlett, Timothy James. (2017). White Paper: Designing Best Practice for Industrial Archaeology and Industrial Heritage at Pullman National Monument. Submitted to the Midwest Archaeology Center, National Park Service, United States Department of the Interior. June 9th, 2017

Day, Anastasia and Timothy James Scarlett. (2016). *Catalog and Finding Aid, James W. Scarlett Papers, 1953-2004 (Accession #2662)*. Manuscripts and Archives Collection, Hagley Museum and Library, Wilmington DE. Catalog: <http://h92010.eos-intl.net/H92010/OPAC/Details/Record.aspx?BibCode=106764063>

Scarlett, Timothy James and Jarowslaw Drelich. (2016). *Final Project Report: Testing and Refining Ceramic Rehydroxylation Dating, Collaborative Research, Award 1219540*. National Science Foundation. March 9th, 2016.

Scarlett, Timothy James. (2016). *Potential Applications of Supercritical Carbon Dioxide Extraction and Impregnation for the Stabilization and Conservation of Industrial Heritage*

Artifacts. Final Project Report (Grant #P11AP60840) submitted to the National Center for Preservation Technology and Training, National Park Service, United States Department of the Interior. January 15th, 2016.

Scarlett, Timothy James. (2016). *Interim Report 2015: Potential Applications of Supercritical Carbon Dioxide Extraction and Impregnation for the Stabilization and Conservation of Industrial Heritage Artifacts*. submitted to the National Center for Preservation Technology and Training, National Park Service, United States Department of the Interior. March 1st, 2016.

Scarlett, Timothy James. (2016). *Interim Report 2014: Potential Applications of Supercritical Carbon Dioxide Extraction and Impregnation for the Stabilization and Conservation of Industrial Heritage Artifacts*. submitted to the National Center for Preservation Technology and Training, National Park Service, United States Department of the Interior. March 1st, 2016.

Scarlett, Timothy James. (2016). *Interim Report 2013: Potential Applications of Supercritical Carbon Dioxide Extraction and Impregnation for the Stabilization and Conservation of Industrial Heritage Artifacts*. submitted to the National Center for Preservation Technology and Training, National Park Service, United States Department of the Interior. March 1st, 2016.

Scarlett, Timothy James. (2015). *Third Interim Annual Report: Testing and Refining Ceramic Rehydroxylation Dating, Collaborative Research, Award 1219540*. National Science Foundation. September 4th, 2015.

Scarlett, Timothy James. (2014). *Second Interim Annual Report: Testing and Refining Ceramic Rehydroxylation Dating, Collaborative Research, Award 1219540*. National Science Foundation. July 7th, 2014.

Scarlett, Timothy James. (2013). *First Interim Annual Report: Testing and Refining Ceramic Rehydroxylation Dating, Collaborative Research, Award 1219540*. National Science Foundation. June 11th, 2013.

Scarlett, Timothy James and Roger Gerkie. (2013). *Draft Final Report Italian Hall Memorial Site Archaeological Survey and Assessment, with supplementary materials*. Submitted to Prepared for Keweenaw National Historical Park and KNHP Advisory Commission, National Park Service, United States Department of the Interior. February 1st, 2013.

Scarlett, Timothy James. (2012). *Interim Report 2012: Potential Applications of Supercritical Carbon Dioxide Extraction and Impregnation for the Stabilization and Conservation of Industrial Heritage Artifacts*. submitted to the National Center for Preservation Technology and Training, National Park Service, United States Department of the Interior. August 23rd, 2012.

Norris, Elizabeth, Patrick Martin, Timothy Scarlett, Samuel Sweitz, and Lee Sweitz. (2008). *Technical Report: 2006 Excavations at the East Bank house, West Point Foundry Preserve*. Report submitted to the Scenic Hudson Land Trust, Inc., Poughkeepsie, NY.

Norris, Elizabeth, Bode Morin, Dan Trepal, and Timothy Scarlett. (2006). *Investigations at the Machine Shop Complex at the West Point Foundry Site*. Report submitted to the Scenic Hudson Land Trust, Inc., Poughkeepsie, NY.

- Scarlett, Timothy James. (2005). Appendix A: Soil Analysis from the Quincy Mine's Steam Pipe Trenches. In Larry Mishkar, *Land Use History and Archaeological Survey, Seaman Mineral Museum Project, Quincy Mine National Historic Landmark, Houghton, Michigan*. Report on File at the Seaman Mineral Museum, Houghton, MI.
- Scarlett, Timothy James. (2004). *Phase I Archaeology Excavation at the Fallasburg Mill Site*. Report on file with the Fallasburg Historical Society, Fallasburg, MI.
- Scarlett, Timothy James. (2004). *Antiquities Excavation Permit Application*. Utah Division of State History, Archaeology Division, Salt Lake City, UT.
- Scarlett, Timothy James. (2000). *Antiquities Survey Permit Application*. Utah Division of State History, Archaeology Division, Salt Lake City, UT.
- Hardesty, Donald L and Timothy James Scarlett (1998). *Assessing the Significance of Historic Mining Sites in the Central Nevada Ecosystem*. University of Nevada, Reno, Reno, NV. Report on file with the Humbolt and Toyabie National Forest Offices, Nevada.
- Hardesty, Donald L., Marion Salter, and Timothy James Scarlett. (1996). *Heness Pass Road Inventory*. University of Nevada, Reno, Reno, NV. Report on file with the Tahoe National Forest Office, California.
- Scarlett, Timothy James. (1992). Through the Cracks: Three Centuries Under a Kitchen Floor. In Mary C. Beaudry (ed.), *Interim Report Number 3, Spencer-Pierce-Little Project*, Center For Archaeological Studies at Boston University, Boston, MA. Report on file with the Historic New England, Cambridge, MA.

Publications: Abstracts, Articles in Newsletters, Book Reviews, etc.

- Scarlett, Timothy James. (2016). Michigan Technological University's updated Industrial Heritage and Archaeology program." *TICCIH Bulletin* 74(4):1-2.
- Scarlett, Timothy James. (2009). *Potters of the Gathering: Clay Work in Early Utah*. Utah State Parks, Utah Department of Natural Resources, Salt Lake City, Utah.
- Scarlett, Timothy James. (2007). Teaching the African Diaspora and its Consequences: Thoughts about Entangling Education. *African Diaspora Archaeology Newsletter*. December 2007.
- Scarlett, Timothy James. (2000). Learning Historical Archaeology: The 2000 Student Career Forum on the Job Search Process. *The Society for Historical Archaeology Newsletter* 33(1): 20-22.
- Scarlett, Timothy James. (1999). Learning Historical Archaeology: Presenting an Effective Paper. *The Society for Historical Archaeology Newsletter* 32(2):11-13.
- Scarlett, Timothy James. (1994). Pudding Pans and Broilers, Bread Pans and Pie: Redware, Consumption, and Economy in 18th Century New England. *Society for Historical Archaeology Newsletter* 28(1): 24.

Works in Preparation:

- Scarlett, Timothy James and Kelly J. Dixon (editors). (n.d.). *Stops along the Cosmopolitan Frontier: Research in Honor of Donald L. Hardesty*. Festschrift in preparation.

Gurcke, Karl, Timothy James Scarlett, and Jim Graves. (n.d.) *Bricks and Brickmaking for the Archaeologist. 2nd Edition*, expanded and revised, including an electronic database of 20,000 brickmakers and brands. *Guides to American Artifacts Series*, edited by Carolyn L. White and Timothy James Scarlett, Left Coast Press, Walnut Creek, California.

Grants, Contracts, and Agreements (sole author unless otherwise noted):

Phase I Cultural Resources Survey of Ripley Ravine. Sponsors: Michigan Technological University. Total Project Budget: \$20,000. 2020.

Percussive Hot Cone Penetrometer (PHCP) and Ground Penetrating Radar (GPR) for Geotechnical and Volatiles Mapping. Sponsors: Lunar Surface Technology Research (LuSTR) Opportunities, Space Technology Mission Directorate, National Aeronautics and Space Administration (NASA). Total Project Budget: \$1,990,068. Co-PIs Paul van Susante, Jeffrey Allen, Timothy Eisele, Kris Zacny (Honeybee Robotics, Ltd.).

Archaeological Survey of Ft. Wilkins State Park Water System Improvements. Sponsor: Michigan DNRE/OHM Advisors. Total Project Budget: \$10,874. 2020. (Not Funded).

A New Ground Penetrating Radar for Near-Surface Geophysical Survey. Sponsor: Century II Campaign Endowed Equipment Fund (C2E2), Michigan Technological University. Total Project Budget: \$29,000. 2020.

JUSTNORTH: Toward Just, Ethical and Sustainable Arctic Economies, Environments and Societies. Sponsors: Horizon 2020, European Commission. Total Project Budget: € 6,156,494. 2020. Roman Sidortsov (PI) and collaborators from 15 partner universities around the world.

History of Houghton-Hancock Electrification Project (H3EP). Sponsor: Michigan Tech Fund. 2020. Total Project Budget: \$5,000. Co-PI: Steven Walton.

Characterizing Pottery X for the Utah Pottery Project. Sponsor: Missouri Universities Research Reactor/National Science Foundation. 2019. Total Project Budget: \$3,625. 2020. Co-PIs Cal Quayle, Via Lavanya Rajesh Kumar.

Undergraduate Research Support: Adding the Provo Pottery to the Utah Pottery Project's Archaeometric Data Archive. Sponsor: Henrichsen Family/Michigan Tech Fund. 2019. Total Project Budget: \$1,860. 2020.

Unmanned Aerial Systems for LiDAR Mapping of Archaeological Features. Sponsors: United States Department of Agriculture, US Forest Service. Total Project Budget: \$29,961 (no MTU Cost Share). 2019. Co-PIs Richard Dobson and David Banach (MTRI).

CNH2-S: Reconceptualizing Adaptive Reuse through Co-Production of Socio-Ecological Knowledge in Post-Industrial Places and Spaces. Sponsor: National Science Foundation. Total Project Budget: \$736,972. 2019. Co-PIs Sarah A. Green, Donald Lafreniere, Roman Sidortsov, Samuel Sweitz. (Not Funded).

IRES Track III Collaborative Research: Innovative Interdisciplinary Research and Education Opportunity for Students on the Imbabura UNESCO Geopark in Ecuador. Sponsor: National Science Foundation. Total Project Budget: \$643,241. 2019. Co-PIs Ezequiel F. Medici, Samuel Sweitz, Jared D. Wolfe. (Not Funded).

Enhancing electrical grid and community resilience through repurposing decommissioned mines into underground pumped storage facilities. Sponsor: The Alfred P. Sloan Foundation. Total project budget: \$49,963. (No MTU Cost Share). 2019-2020. PIs: Roman Sidortsov and Chelsea Shelly, co-PIs include Qingli Dai, Chee-Wooi Ten, and David Watkins.

Chemical Estimates of Ancient Mining. Sponsor: Crowdfunded through SuperiorIdeas.com (<https://www.superiorideas.org/projects/archaeological-sciences>) Total Project Budget: \$3,150. (no MTU Cost Share). 2019. Co-PI Lynn Mazzoleni.

Cooperative Agreement for Work with Pullman National Monument. Sponsor: National Park Service. Total Project Budget \$149,685 (No MTU Cost Share). 2016-2019. Co-PIs: Laura Rouleau, Steven Walton, Sam Sweitz, Sarah Scarlett, Melissa Baird, Don Lafreniere, LouAnn Wurst.

A Proposal for Archaeological Testing at the Ghyllbank Townsite (20.IR.0224), Isle Royale National Park, Keweenaw County, Michigan. Sponsor: National Park Service. Total Project Budget \$20,000 (no MTU Cost Share). Summer 2016.

Preparing a National Historical Landmark Nomination for the West Point Foundry Archaeological Site, Cold Spring, New York. Sponsor: Scenic Hudson Land Trust. Total Project Budget: \$33,271 (no MTU cost share). Co-PIs: LouAnn Wurst, Steven Walton. (Not funded). Academic Year 2016-2017.

Recovering African American Heritage; Archaeological Research, Preservation, and Interpretation at the Cliff Mine. Sponsor: Keweenaw National Historical Park Advisory Commission (Samuel Sweitz, PI). Total Project Budget: \$30,000 (\$15,000 sponsored, \$15,000 cost share). Summer 2015 (Not Funded).

The Cuyuna Range Heritage Tourism Project, Phase I. Sponsor: Iron Range Resources and Rehabilitation Board, State of Minnesota (pass through Brainard Lakes Area Economic Development Corporation-BLADEC). Partners: Crosby-Ironton Chambers of Commerce and Cuyuna Range Economic Development Initiative (CREDI). Total Project Budget: \$40,000 (\$20,000 sponsored, \$20,000 MTU Cost Share). Summer 2014 (Not Funded).

Ceramic Materials Informatics Research and Education Collaboration. Sponsor: The Chipstone Foundation. Total Project Budget: \$82,906 (\$41,661 Sponsor, \$41,245 Cost Share). Spring 2014. (not funded).

pXRF Study of Antique Pottery in two Utah Museums. Sponsor: Utah Humanities Council. Total Project Budget: \$2,951 (no MTU cost share). Spring 2014. (not funded).

2013 Public Archaeology at the Cliff Mine. Sponsor: Keweenaw National Historic Park Advisory Commission. Total project budget \$87,559 (\$43,779 sponsored, \$43,780 MTU cost share). Co-PIs include Samuel Sweitz, Fred Quivik. Summer 2013. (part funded)

The Cuyuna Range Heritage Project 2014. Sponsor: The Hallett Charitable Trusts (pass through with Crow Wing County Land Services). Total Project Budget: \$47,387. (No MTU cost share). Fall 2013. Co-PIs: Carol MacLennan, Fred Quivik, Steven Walton, Richelle Winkler, Melissa Baird, and Carl Blair. (Not Funded).

Cooperative Management of Archaeological Collections from the Hiawatha National Forest. Co-operative Agreement. Sponsor: United States Department of Agriculture, U.S. Forest

Service. Total Project Budget: \$6,751 (\$2,965 Sponsored, \$3,788 direct and indirect cost share). Co-PI: Susan Martin.

The Cuyuna Range Heritage Collaboration: Memorandum of Agreement. Public-private cooperative agreement among fifteen organizations/agencies. Fall 2013.

The Story of Copper: 2012 Internships for Isle Royale National Park and Keweenaw Historical National Park. Sponsor: National Park Service, Great Lake Research and Education Center. Total Project Budget: \$5,000. (no MTU cost share). Summer 2012.

2012 Public Archaeology at the Cliff Mine Site. Sponsor: Keweenaw National Historic Park Advisory Commission. Total project budget \$81,028 (\$40,204 sponsored, \$40,824 MTU cost share). Co-PIs include Samuel Sweitz, Fred Quivik. Summer 2012. (part funded)

The Story of Copper: 2011 Internships for Isle Royale National Park and Keweenaw Historical National Park. Sponsor: National Park Service, Great Lake Research and Education Center. Total Project Budget: \$6,000. (no MTU cost share). Summer 2011.

Cuyuna Range Heritage Planning Project. Sponsor: Minnesota State Historical Society Legacy Program. Total project budget \$13,995 (\$6,995 sponsored, \$7,000 MTU cost share). Summer 2012. MTU Subcontractor to Crow Wing County Board of Commissioners. (not funded).

Collaborative Research: Testing and Refining Ceramic Rehydroxylation Dating. Sponsor: National Science Foundation. 2012-2014. Total project budget \$190,144 (\$105,959 MTU, no cost share). Co-PIs Jaoslaw Drelich, Carl Lipo, Hector Neff, Kostalena Michelaki (and scholars from seven universities in five countries). (pending).

Inventory, Management, Education: Best Practices for the Archaeology of Mining. Sponsor: Lincoln County Archaeological Initiative, Bureau of Land Management. Total project budget: \$1,297,112 (\$1,133,328 sponsored, \$163,784 MTU cost share). Co-PIs include Samuel Sweitz, Patrick Martin, Fred Quivik, and Mike Falkowski (Not funded)

Novel Techniques for the Stabilization and Conservation of Ferrous Metals in Industrial Heritage. Sponsor: The National Center for Preservation Technology and Training, National Park Service. Total project budget: \$61,620 (\$25,000 sponsored, \$36,620 MTU cost share). Co-PI Gerard Caneba, Summer 2012.

Survey and Evaluation of Stamp Sands Poor Rock, and Slag Piles in Houghton, Keweenaw, Ontonagon, and Baraga Counties. Sponsor: Keweenaw National Historic Park Advisory Commission. Total project value: \$10,000 (\$10,000 sponsored, no MTU cost share). Co-PIs Samuel Sweitz, Louise Dyble, Fredric Quivik, and Susan Martin.

2011 Public Archaeology at the Cliff Mine Site. Sponsor: Keweenaw National Historic Park Advisory Commission. Total project budget \$16,000 (\$8,000 sponsored, \$8,000 MTU cost share). Co-PIs include Samuel Sweitz, Patrick Martin, and Susan Martin. Spring 2011.

Phase I and II Cultural Resources Survey of the Cliff Mine Site. Sponsor: Houghton Keweenaw Conservation District. Summer 2010. Total project budget \$19,114 (\$9,557 sponsored, \$9,557 MTU cost share).

2010 Public Archaeology at the Cliff Mine Site. Sponsor: Keweenaw National Historic Park Advisory Commission. Total project budget \$12,200 (\$6,100 sponsored, \$6,100 MTU cost share). Co-PIs include Samuel Sweitz, Patrick Martin, and Susan Martin. Spring 2010.

Testing and Refining Rehydroxylation Ceramic Dating. Sponsor: National Science Foundation. Summer 2010. Total project budget \$48,198 (no MTU cost share). Co-PI Jaoslaw Drelich. (not funded, revised, funded).

Cooperative Agreement between Utah State Parks, Iron Mission State Park Museum, and Michigan Technological University, May 1, 2009, through April 30, 2011.

The Utah Pottery Project: Initiating a Public Archaeology Project. Sponsor: The George S. and Doré Eccles Foundation. Spring 2009. Total project budget \$84,664 (\$25,000.00 sponsored, \$59,664.00 MTU cost share). (not funded)

Planning a Museum Exhibit and Public Archaeology Program: Utah's Pioneer Pottery Industry. Sponsor: Utah State Parks. Winter 2008-Spring 2009. Total project budget: \$15,120 (\$12,000 sponsored, \$3,120 MTU cost share).

Further Discovery, Testing, and Analysis of Utah's Pioneer Era Pottery Manufacturing Sites. Sponsor: Michigan Technological University Faculty Scholarship Grant. Fall 2008. Total project budget \$2,500.

The Utah Pottery Project: A Public Exhibit at the Iron Mission State Park Museum. Sponsor: Utah State Parks. Summer 2008. Total project budget \$10,000.

West Point Foundry Archaeological Research Project 2008-9. Sponsor: Scenic Hudson Land Trust, LLC. Spring 2008. Total project budget \$125,652 (\$91,906.00 sponsored, \$3,746.00 MTU cost share). Co-PIs included Patrick Martin (lead), Timothy James Scarlett, Sam Sweitz, and Susan Martin.

Industrial Archaeology Study Tour. Sponsor: The Chipstone Foundation, Milwaukee, WI. Spring 2008. Total project budget \$1,400 (\$1,200 sponsored, \$200 MTU cost share).

Archaeological Ecobiographies. Sponsor: National Science Foundation. Fall 2007. Total project budget: \$147,807. (not funded)

The Parowan Pottery: an Archaeological Ecobiography. Sponsor: Wenner-Gren Foundation for Anthropological Research. Fall 2007. Total project value: \$23,134 (no MTU cost share). (not funded).

The Utah Pottery Project. Sponsor: Earthwatch Institute. Fall 2007. Total project budget: \$16,976. ("concept note", not funded)

The Utah Pottery Project: Archaeological Exploration of the Potter's Landscape. Sponsor: National Geographic Society. Fall 2007. Total project budget: \$14,600. (not funded)

Archaeological Ecobiographies: Faculty Scholarship Grant. Fall 2007. Total project budget: \$5,000. (not funded)

Adding Video Podcasting Multimedia Functionality to World Cultures. Sponsor: Mini Grant for Instructional Improvement and Innovation, Michigan Tech Center for Teaching, Learning, and Faculty Development. Fall 2007. Total project budget: \$484.

Planning a Major Program of Public Archaeology. Quick Grant Proposal, Sponsor: Utah Humanities Council. Fall 2007. Total project budget: \$463.00.

Archaeological Materials Science in the Study of Global Commodities Flow, 1500-1900. Short Seminar Proposal. Fall 2007. Sponsor: Scholar Programs, School for Advanced Research (formerly SAR, School for American Research), Santa Fe, NM. (not funded)

Archaeogenetic and Zooarchaeological Study of Urban Foodways: Calf to Plate in Industrial America. Summer 2007. Sponsor: The W. K. Kellogg Foundation. (pre-proposal, not funded)

Archaeogenetics and Urban Foodways: Bos taurus from Calf to Plate. A Proof-of-Concept Collaborative Study Proposal. Sponsor: The Allen Foundation. Summer 2007. Total project budget \$17,750 (no MTU cost share). (not funded)

West Point Foundry Archaeological Research Project 2007-8. Sponsor: Scenic Hudson Land Trust, LLC. Spring 2007. Total project budget \$158,229 (\$120,027.00 sponsored, \$38,202.00 MTU cost share). Co-PIs included Patrick Martin (lead), Timothy James Scarlett, Sam Sweitz, and Susan Martin.

Archaeogenetics and Urban Foodways: Bos taurus from Calf to Plate. A Proof-of-Concept Collaborative Study Proposal. Sponsor: Research Seed Grant, Michigan Technological University Research Excellence Fund. March 2007. Total project budget \$17,750. Co-PIs included Lee Swetiz, Jacqueline Grant, and Chandrashekhar Joshi. (not funded)

Industrial Archaeology Study Tour. Sponsor: The Chipstone Foundation, Milwaukee, WI. Spring 2007. Total project budget \$1,400.

West Point Foundry Archaeological Research Project 2006-7. Sponsor: Scenic Hudson Land Trust, LLC, Spring 2006. Total project budget \$177,342 (\$119,831 sponsored, \$57,511 MTU cost share). Co-PIs included Patrick Martin, Sam Sweitz, and Susan Martin.

Industrial Archaeology Study Tour. Sponsor: The Chipstone Foundation, Milwaukee, WI. Spring 2006. Total project budget \$1,150.

West Point Foundry Archaeological Research Project 2005-6. Sponsor: Scenic Hudson Land Trust, LLC. Total project budget \$171,264 (\$128,678.00 sponsored, \$42,586.00 MTU cost share). Co-PIs included Patrick Martin (lead), Sam Sweitz, and Susan Martin.

Academic Cost Reduction Grant (NSF SBR 9802366). Sponsor: Missouri University Research Reactor, Archaeometry Laboratory/National Science Foundation. Spring 2005. Total project budget \$5,000.

Industrial Archaeology Study Tour. The Chipstone Foundation, Milwaukee, WI. Spring 2005. Total project budget \$650.

Cooperative Agreement for Archaeological Excavation of a Potter's Shop (#0501-CON). Sponsor: This is the Place Heritage Park. Summer 2005. Total project budget c.\$3,000.

Archaeological Excavation of a Nineteenth-Century Pottery Shop. Sponsor: Faculty Scholarship Grant, Michigan Technological University. Spring 2005. Total project budget \$2,200.

Phase I Research for a Pioneer Pottery Exhibit (MTU Proposal #031053). Sponsor: This is the Place Heritage Park. Spring 2005. Total project budget \$150,956 (\$133,204 sponsored, \$17,752 MTU cost share). (not funded).

West Point Foundry Archaeological Research Project 2004-5. Sponsor: Scenic Hudson Land Trust, LLC. Spring 2004. Total project budget \$141,931 (\$104,036.00 sponsored, \$43,895.00 MTU cost share). Co-PIs included Patrick Martin (lead) and Susan Martin.

Mapping the Coal Creek Historic District: Yukon-Charley Rivers National Preserve, Alaska. Sponsor: National Park Service. Spring 2004. Total project budget \$68,675 (\$48,847 sponsored, \$19,826 MTU cost share). Co-PI included Patrick Martin (lead).

West Point Foundry Archaeology Project, 2004. Sponsor: Earthwatch Institute. Summer 2004. Total project budget \$19,747. Co-PI included Pat Martin.

Phase I Archaeological Assessment of the Fallasburg Grist Mill Site. Sponsor: Fallasburg Historical Society. Summer 2003. Total project budget \$16,000. Co-PI Patrick Martin.

West Point Foundry Archaeology Project, 2003. Sponsor: Earthwatch Institute. Fall 2002. Total project budget \$19,747 (no MTU cost share). Co-PI Pat Martin (lead). (not funded).

West Point Foundry Archaeological Research Project 2003-4. Sponsor: Scenic Hudson Land Trust, LLC. Spring 2003. Total project budget \$149,633 (\$114,441.00 sponsored, \$35,192.00 MTU cost share). Co-PIs included Pat Martin (lead) and Susan Martin.

Carp River Forge Archaeological Project. Sponsor: Michigan Department of State. Spring 2002. Total project budget \$39,000 (\$20,000 sponsored, \$19,000 MTU cost share). Co-PIs included Pat Martin (lead) and Susan Martin.

Structural and Material Improvements in the Teaching Resources of MTU's Industrial Archaeology Laboratory. Sponsor: Century II Endowment Campaign Research Equipment Grant, Michigan Technological University. Fall 2002. Total project budget \$5,000.

A Photographic Record of Utah Pottery held in local Museums. Sponsor: Faculty Scholarship Grant, Michigan Technological University. Spring 2002. Total project budget \$3,000.

West Point Foundry Archaeological Research Project 2002-3. Sponsor: Scenic Hudson Land Trust, LLC. Total project budget \$66,026 (\$30,540.00 sponsored, \$35,486.00 MTU cost share). Co-PIs included Patrick Martin (lead) and Susan Martin.

Two Ceramic Muffle Kilns for the Archaeology Laboratory. Sponsor: Century II Endowment Campaign Research Equipment Grant, Michigan Technological University. Fall 2001. Total project budget \$10,000.

National Science Foundation Dissertation Fellowship (SBR-9902366). Sponsor: Archaeometry Laboratory, University of Missouri Research Reactor (MURR). Winter 2001. Total project budget \$5,000.

National Science Foundation Academic Cost Reduction Grant (SBR-9802366). Sponsor: Archaeometry Laboratory, University of Missouri Research Reactor (MURR). Winter 2001. Total project budget \$5,000.

Potting in Zion: An Historical Archaeology of technology transfer, regional economy, and sociotechnical systems. Sponsor: Dissertation Enhancement Grant, National Science Foundation. Summer 2000. Total project budget \$11,995. (Not funded)

Visiting Scholar Application. Sponsor: Winterthur Museum, Garden, and Library. Spring 2000.

Research Fellowship Application. Sponsor: Winterthur Museum, Garden, and Library. Spring 2000. Total project budget \$10,000. (Not funded).

Potters in Zion: an historical archaeology of technology and society in Utah. Sponsor: Wenner-Gren Foundation for Anthropological Research. Spring 2000. Total project budget \$19,747. (Not funded)

Eben Demerest Trust Fellowship. Sponsor: Eben Demerest Trust. Winter 2000. Total project budget \$16,000. (Not funded)

Designing and Building a Pioneer Pottery Shop. Sponsor: National Endowment for the Humanities (Summer Stipend)/The American West Heritage Center. Winter 2000. (Not funded)

Great Basin Potters: Library, Archive, and Museum Collections Assessment. Sponsor: William Self Award, Department of Anthropology, University of Nevada, Reno. Spring 1998. Total project budget \$1,000.

A Grant for the Establishment of a Teaching Slide Library. Sponsor: Teaching Enhancement Grant, University of Nevada, Reno. Fall 1996. Total project budget \$1,000. Co-PIs included Marie Boutté, Donald L. Hardesty, and Kenneth Fliess.

Wild Places and Civilized People: Issues of Ethics and Conservation with Wild Animals. Sponsor: Nevada Humanities Committee. Spring 1995. Total project budget \$5,000. (grant to Anthropological Society of the University of Nevada, Reno, to fund a lecture series and roundtable discussion. Participants included: R. Allen Gardner, Bearatrix T. Gardner, Gary Haynes, Jane Goodall).

Professional Awards:

Certified Field School Scholarship Award, Register of Professional Archaeologists. Awarded to me for the 2009 field school, to be passed to undergraduate enrollees. Summer 2009.

John L. Cotter Award, Society for Historical Archaeology. International award recognizing outstanding contributions to the field by a scholar at the beginning of his/her career. Winter 2003.

Scarlett Award, Truckee Meadows Heritage Trust, Reno, NV. Academic scholarship awarded in recognition of significant contribution toward historic preservation and improving the quality of life in the Truckee Meadows. Summer 1998.

Outstanding Professional/Technical Poster, Graduate Student Association at the University of Nevada, Reno. Spring 1998.

Teaching Honors/Awards:

Favorite Faculty Selection, Institute of Electrical and Electronics Engineers (IEEE), April 2006, Michigan Technological University Student Chapter, Houghton, MI.

Favorite Faculty Selection, First Year Experience/Wadsworth Hall, February 2005, Michigan Technological University, Houghton, MI.

Teacher's Excellence Nominee, Alpha Pi Gamma, Fall 1999, Truckee Meadows Community College, Reno, NV.

Favorite Faculty Recognition, Manzanita-Juniper Student Governments, Fall 1995, University of Nevada, Reno

Outstanding Teacher Certification, Pennsylvania Governor's School for the Sciences at Carnegie Mellon University's Mellon College of Science, June 1995.

Favorite Faculty Recognition, Manzanita-Juniper Student Governments, Spring 1995, University of Nevada, Reno.

Classes Taught:

In the Department of Social Sciences at Michigan Tech: Historical Archaeology (SS3200); The Archaeology of Industry (SS3230); Archaeological Sciences and lab (SS 3220); Landscape Perspectives: Anthropology, Geography, History (SS 3240); African Diaspora Archaeology (SS 3270); Archaeological Field School (SS3210/5700). At the graduate level, I teach the core seminar of our graduate program, Industrial Archaeology (SS5600) and have taught Proseminar II: Historical Archaeology (SS5502). Each semester also includes various directed research projects, reading and independent study courses, and thesis research credits. I have taught two of Michigan Tech's core studies courses: Perspectives on Inquiry (UN1001) and World Cultures (UN 1002). Both of these are writing intensive courses, the former in seminar format while the latter is a lecture-based course.

I am an award-winning teacher and in an average year I supervise c. 1,060 Student Credit Hours on a 3-2-1 load. Approximately 720 of those SCH are writing intensive courses. Each summer from early May through the end of July, I share responsibility for the archaeological field methods course and supervising graduate student researchers, of which my share of the load generally includes 15-20 Student Credit Hours.

While in previous positions at the University of Nevada, Great Basin College, Truckee Meadows Community College, University of St. Francis, and John's Hopkins University's Center for Academically Talented Youth, I taught the following courses: Introduction to Anthropology, Introduction to Cultural Anthropology (sometimes with emphasis in medical anthropology), Introduction to Archaeology, Archaeological Science.

MTU Committees and Departmental Duties:

Interim Director of Graduate Studies, Department of Social Sciences (all programs), Summer 2020-Spring 2021.

Program Director, Industrial Heritage and Archaeology. Fall 2014-2018.

Director of Graduate Studies, Industrial Heritage and Archaeology. Fall 2009-Summer 2014.

University Senate, Department of Social Sciences Representative, Fall 2009-Present.

General Education and Assessment Committee, Chair (Fall 2014-Present).

Academic Policy Committee, Chair (Fall 2009-Spring 2014).

Social Sciences Curriculum Committee, Chair, 2007-2010 (Departmental).

USAID-TIES Program on sustainability and water resources in Sonora, Mexico. Department Coordinator and supporting faculty, 2003-2006. (University)

Distance Learning Implementation Committee, member, 2003-2005 (University)

Computer Committee, chair 2001-2002, member, 2002-2006 (Departmental).

Global Issues Steering Committee, member, 2013-Present (Department).

World Cultures Steering Committee, member, 2001-2012 (University)
IA Steering Committee, member, 2001-present (Departmental)
Assistant Professor of Industrial Archaeology Search Committee, Chair, 2003. (Departmental)
Vision Fund Application, IA program contributing author, 2002-2003. (Departmental)
Industrial Heritage and Archaeology Ph.D. proposal draft, contributing author, Spring 2003.
(Departmental)

Research Institutes and Centers: Keweenaw Energy Transition Lab (Founding co-Director, 2019-Present), Member of Michigan Tech's Industrial Archaeology Research Center (in formulation), Great Lakes Research Center, Remote Sensing Institute, Center for Water and Society, Center for Benign Functional Materials Research, and the Isle Royale Institute.

Conference Papers, Posters, Forums, and Invited Lectures (presenter is bold type):

van Susante, Paul J., Jeffrey Allen, Timothy Eisele, and Timothy Scarlett, and Kris A. Zacny. (2021). "Identifying and Quantifying Volatile Content and Geotechnical Properties in the lunar PSRs." ASCEND 2021 (virtual), American Institute of Aeronautics and Astronautics, November 15-17, 2021. (abstract submitted)

van Susante, Paul J., Jeffrey Allen, Timothy Eisele, and Timothy Scarlett, and Kris A. Zacny. (2021). "Identifying and Quantifying Volatile Content and Geotechnical Properties in the lunar PSRs." Lunar Surface Innovation Consortium, Spring Meeting (virtual), May 11-12, 2021.

Scarlett, Timothy James. (2021). "Heritage Mines and the Energy Transition." Michigan Historic Preservation Network, May 12-15, 2021 (virtual).

Scarlett, Timothy James. (2019). "Archaeological Science: Creativity and Innovation in Student-centered Learning." TechTalk, Michigan Technological University, April 10, 2019

Scarlett, Timothy James. (2019). "Archaeological Science: Student-centered Learning at the Intersection of the Human/Social, Natural, Digital, and Designed/Built Worlds." Materials Science and Engineering Seminar, Michigan Technological University, January 29th, 2019.

Scarlett, Timothy James. (2019). "Worst Case Scenario: Archaeological Implications of a Pipeline Rupture on the Enbridge Line 5 through the Straits of Mackinac in Lakes Michigan and Huron." 2019 Conference on Historical and Underwater Archaeology, Society of Historical Archaeology, St. Charles, MO.

Scarlett, Timothy James. (2018). "Archaeological Considerations on Industrial Heritage and the State of Lake Superior." State of Lake Superior Conference (SOLS2018), October 11, 2018, Houghton, MI.

Scarlett, Timothy James. (2018) "Introduction to Research Activities for Speed Dating." Brown Bag Lecture Series, Department of Social Sciences, Michigan Technological University.

Scarlett, Timothy James (2018). "Pullman Heritage Project: Legacies of Race and Industry in a Fresh-Water Entrepôt." 2018 Conference on Historical and Underwater Archaeology, Society of Historical Archaeology, New Orleans, LA.

- Scarlett, Timothy, **Steven Walton**, Sarah Scarlett, Donald Lafreniere, and Laura Rouleau. (2017). Poster: "The Industrial Archaeology and Heritage of Pullman, Illinois." 2017 Annual Conference of the Society for Industrial Archaeology, Houston, TX.
- Scarlett, Timothy James.** (2017). Preservation Engineering and Industrial Archaeology: Geotechnical Problems and Restoration Engineering Heritage Sites." Civil Engineering Graduate Seminar, Michigan Technological University. April 13, 2017.
- Scarlett, Timothy James.** (2017). "Best Practices in Industrial Heritage: IA the Michigan Tech Way for Pullman National Monument." Invited Lecture in Chicago, Illinois, February 8th, 2017.
- Scarlett, Timothy James.** (2017). Discussant: "Archaeologies of Workers' Housing." 2017 Conference on Historical and Underwater Archaeology, Society of Historical Archaeology, Fort Worth, TX.
- Graff, Rebecca;** Timothy Scarlett, and Jane Eva Baxter. (2016). "The Last Neighborhood: Archaeology Above and Below Chicago's Haymarket Martyrs Monument and Forest Home Cemetery." 12th Annual Midwest Historical Archaeology Conference, Detroit, MI.
- Scarlett, Timothy James and Samuel Sweitz.** (2016). "*Natural and Industrial Heritage are not Exclusive Resources: Pubic Archaeology at the Keweenaw's Cliff Mine and Eagle River*". International Symposium on Society and Resource Management. ISRRM Conference Field Trip, Houghton, MI. June 22nd, 2016
- Scarlett, Timothy James** and Samuel Sweitz (2016). Conference Session organizer and discussant: "Work, Workers, and Workplaces in the Anthropocene: Insights on the Modern World from Industrial, Historical, and Contemporary Archaeology." 2016 Conference on Historical and Underwater Archaeology, Society of Historical Archaeology, Washington, DC.
- Scarlett, Timothy James.** (2015). Invited Lecture: "Geoarchaeology, Industrial Archaeology, and Industrial Heritage." Geoseminar, Department of Geological Science and Engineering. Sept. 29, 2015.
- Scarlett, Timothy James.** (2015). "Batch Treatments for Industrial Heritage Collections: Supercritical CO2 Treatments to Stabilize Ferrous Metal Artifacts." BigStuff 2015: Technical heritage: preserving authenticity – enabling identity?, Centre Historique Minier (CHM), Lewarde, France.
- Scarlett, Timothy James,** Carl Lipo, and Kostalena Michelaki. (2015). **Poster Session:** "Developments in Fired Clay Ceramic Rehydroxylation Dating (RHX Dating)." 80th Annual Meeting, Society for American Archaeology, San Francisco, CA.
- Scarlett, Timothy James,** Jaroslaw Drelich, Elizabeth Niespolo, Carl Lipo, and Kostalena Michelaki. (2015). **Poster:** "Multi-Lab Collaborative Experiments with RHX Dating." 80th Annual Meeting, Society for American Archaeology, San Francisco, CA.
- Zhao, Shan, Jaroslaw Drelich, and **Timothy James Scarlett.** (2015). **Poster:** "Revised Drying Conditions in Rehydroxylation (RHX) Technique for Dating Ceramic Artifacts." 80th Annual Meeting, Society for American Archaeology, San Francisco, CA.

- Sarich, Steven and **Timothy James Scarlett**. (2015). **Poster**: “Physical Characteristics of Stoneware Ceramic Materials.” 80th Annual Meeting, Society for American Archaeology, San Francisco, CA.
- Scarlett, Timothy James**. (2015). “Inexorably Contemporary: Archaeology as Performance Art at Italian Hall Memorial Site, Calumet, Michigan,” 2015 Conference on Historical and Underwater Archaeology, Society of Historical Archaeology, Seattle, WA.
- Atkinson, Alexander, Brendan Pelto, Eric Pomber, and **Timothy James Scarlett**. (2014) “Experiments In Cost Effective Iron Conservation Techniques At Michigan Technological University.” 2014 Midwest Archaeological Conference, Champlain, IL.
- Scarlett, Timothy James**. (2014). **Invited Lecture**: “Industrial Heritage, Public Archaeology, and Mining Waste in Michigan’s Copper Country” 10th Annual Midwest Historical Archaeology Conference, Niles, MI.
- Drelich, Jaroslaw (presenter), **Timothy Scarlett**, Patrick Bowen, and Shan Zhao. (2014). Testing and Refining of Rehydroxylation Ceramic Dating. Seminar at Gdansk University of Technology, Gdansk, Poland.
- Atkinson, Alexander, Brendan Pelto, Eric Pomber, **Timothy James Scarlett**, Shubham Barole, Stephanie Tankersley, and Gerard Caneba. (2014). **Poster**: “Experiments in Cost Effective Iron Conservation Techniques at Michigan Technological University” 10th Annual Midwest Historical Archaeology Conference, Niles, MI.
- Scarlett, Timothy James**. (2014). “Estabilización de Lote de Artefactos Ferrosos de Metales que usan CO2 Supercrítico Polímero Impregnación.” Grupo Latinoamericano de Restauración de Metales G.L.R.M., V Congreso Latinoamericano de Restauración de Metal. Lima, Peru.
- Scarlett, Timothy James**. (2014). “Five Years of Research at the Cliff Mine Site.” Public Lecture at the Bluffs Senior Community, Houghton, MI.
- Scarlett, Timothy James**. (2013). “Engagements with Industrial Heritage and Archaeology in Michigan's Copper Country and Beyond: Publics, Professionals, Stakeholders, Scholars” Paper Session organized and chaired, 11 papers and 2 discussants, American Anthropological Association, Chicago, IL.
- Scarlett, Timothy James**. (2013). “Innovations in Education for Industrial Heritage Specialists: Partnerships, Collaborations, and Projects” American Anthropological Association, Chicago, IL.
- Scarlett, Timothy James**. (2013). “Reconsidering Archaeologies of Creativity.” Paper session organized and chaired, 6 papers and 1 discussant, Society of Historical Archaeology, Leicester, UK.
- Scarlett, Timothy James**. (2013). “Entangling Artisanal and Industrial Work: Archaeologies of Creativity.” Society of Historical Archaeology, Leicester, UK.
- Scarlett, Timothy James**. (2013). “RHX Research at Michigan Technological University.” Luncheon Discussion. University of Manchester, Manchester, UK.

- Scarlett, Timothy James.** (2013). **Invited Lecture:** “A Vision for Industrial Heritage Professionals in the 21st Century.” TEDxHoughton, Michigan Technological University, Houghton, MI. <http://www.youtube.com/watch?v=1oldNqdnWKI>
- Scarlett, Timothy James.** (2013). **Invited Lecture:** “Industrial Heritage & Archaeology at Michigan Technological University.” Northern Michigan University, Marquette, MI.
- Michelaki, Kostlena** and Timothy James Scarlett. (2012). “Ceramic Dating: A Review of Techniques with a special focus on Rehydroxylation. American Anthropological Association, Ceramic Ecology Forum, San Francisco, CA.
- Scarlett, Timothy James.** (2012). “The Utah Pottery Project: Archaeometric Insights into Immigration, Adaptation, and World Building” GlobalPottery: 1st International Congress on Historical Archaeology and Archaeometry for Societies in Contact, Barcelona, Spain.
- Scarlett, Timothy James.** (2011). “Centering: Local Production in Utah’s 19th Century.” Contemporary and Historical Archaeology Conference (CHAT), Boston, MA.
- Scarlett, Timothy James and Sean Gohman.** (2011). Invited Lecture: “Community Based Archaeology in the Keweenaw” Global City, Michigan Technological University. September 20th
- Scarlett, Timothy James.** (2011). **Invited Lecture:** “The Utah Pottery Project: Historical and Industrial Archaeology of a Pioneer Industry.” University of Illinois, Urbana-Champaign, IL.
- Bowen, Patrick,** Timothy Scarlett, and Jaroslaw Drelich. (2011). **Poster:** “An Empirical Model of Rehydration/Rehydroxylation Kinetics for Archaeological Ceramics.” The Minerals, Metals, and Materials Society, 2011 Annual Meeting, San Diego, CA.
- Scarlett, Timothy James.** (2010). **Invited Paper:** “Ten Years on the Utah Pottery Project.” Society for Industrial Archaeology, Annual Meeting, Colorado Springs, CO.
- Scarlett, Timothy James.** (2010). **Invited Lecture:** “*Potters of the Gathering* and the Utah Pottery Project.” Church History Museum, Salt Lake City, UT.
- Scarlett, Timothy James, Javier Inanez, and Yves Monette.** (2011). “Boundaries and Crossroads facing archaeologists using "Hi-Tech" tools for ceramic characterization and dating.” Society for Historical Archaeology Annual Meeting, Austin, TX.
- Scarlett, Timothy James.** (2009). **Invited Paper:** “Pottery Making and World Building: Archaeometry in the Utah Pottery Project.” Material Matters Symposium 2009: Making Material Culture: Technologies of Production, Concepts of Design, and Properties of Materials, Joukowsky Institute for Archaeology and the Ancient World, Brown University, Providence, RI.
- Scarlett, Timothy James.** (2008). **Invited Paper:** “Archaeometry in the Utah Pottery Project.” Culture Matérielle et Analyses Compositionnelles, Institut National de la Recherche Scientifique, Centre Eau, Terre et Environnement, Québec.
- Scarlett, Timothy James,** Susan Martin, Bode Morin, and Patrick Martin. (2008). “The Industrial Landscapes of the Upper Peninsula of Michigan: The Archaeology of Extractive Industry in a Globalizing World.” Society for American Archaeology, Annual Meeting, Vancouver, BC.

- Scarlett, Timothy James.** (2008). **Discussant:** "Utah's Curation Crisis." Utah Professional Archaeology Council, Annual Meeting, Salt Lake City, UT.
- Scarlett, Timothy James.** (2008). "Measuring Production, Exchange, and Consumption in Utah's Nineteenth Century Ceramics Industry." Utah Professional Archaeology Council, Annual Meeting, Salt Lake City, UT.
- Scarlett, Timothy James.** (2008). "Archaeological Science and Historic-era Ceramics: A Conversation about Current Understandings and Emergent Perspectives." Society for Historical Archaeology Annual Meeting, Albuquerque, NM.
- Mailloux, Lawrence, Karl Peterson, Kyle Ellis, Matthew King, Thomas Van Dam, and Timothy James Scarlett. (2008). "The Granitoid Concrete Pavement of Calumet, Michigan - Over One Hundred Years of Service." The Ninth International Conference on Concrete Pavements, San Francisco, CA.
- Scarlett, Timothy James.** (2007). "What if the Local is Exotic and the Imported Mundane? Measuring Ceramic Exchanges in Mormon Utah." Society for American Archaeology Annual Meeting, Austin, TX.
- Scarlett, Timothy James.** (2007). **Discussant:** "Ceramics in America Symposium, 2007." Society for Historical Archaeology, 2007 Annual Meeting, Williamsburg, VA.
- Scarlett, Timothy James.** (2007). **Discussant:** "Careers in Historical Archaeology." Society for Historical Archaeology, 2007 Annual Meeting, Williamsburg, VA.
- Scarlett, Timothy James.** (2007). **Invited Lecture:** "The Utah Pottery Project: Historic Archaeology and Materials Science." Museum Conservation Institute, Smithsonian Institution, Suitland, MD.
- Scarlett, Timothy James.** (2007). **Forum:** "Careers in Historical Archaeology: Advice for Young Professionals." Society for Historical Archaeology, 2007 Annual Meeting, Williamsburg, VA.
- Scarlett, Timothy James.** (2006). "Aesthetic Genealogies: Potters and China Painters in Utah." Ceramic Ecology XX, American Anthropological Association, 2006 Annual Meeting, San Jose, CA.
- Scarlett, Timothy James.** (2006). "Doing Archaeology of the Recent Past in the Mormon Domain." Contemporary and Historical Archaeology Theory (CHAT), 2006 Annual Meeting, Bristol, England, UK.
- Scarlett, Timothy James, Samuel Sweitz, and Lee Sweitz.** (2006). "Blast Furnace Picnic: The West Point Foundry and the Hudson River Grand Tour." Council for Northeast Historical Archaeology, 2006 Annual Meeting, Tarrytown, NY.
- Little, Nicole C., Timothy J. Scarlett, Robert J. Speakman, Michael D. Glascock, and Christopher W. Merritt.** (2006). "Analysis of Historic Latter-day Saint Pottery Glazes by LA-ICP-MS." American Chemical Society, 2006 Annual Meeting in Atlanta, GA.
- Scarlett, Timothy James.** (2006). "An Ecobiography of Thomas Davenport." Society for Historical Archaeology, 2005 Annual Meeting, Sacramento, CA.

- Scarlett, Timothy James** and Kelly J. Dixon (session organizers). (2006). "Papers in Honor of Donald L. Hardesty." (session for Dr. Hardesty upon his receipt of the SHA's lifetime achievement award (the J. C. Harrington Medal). Society for Historical Archaeology, 2005 Annual Meeting, Sacramento, CA.
- Scarlett, Timothy James.** (2005). "Foundry Bricks: Building and Industrial Landscape at the West Point Foundry." Council for Northeast Historical Archaeology, 2005 Annual Meeting, Trenton, NJ.
- Merritt, Christopher** and Timothy James Scarlett. (2005). "An Update from the Utah Pottery Project: Excavations at Frederick Petersen's Salt Lake City Pottery." Rocky Mountain Anthropology Conference, 2004 Annual Meeting, Park City, UT.
- Scarlett, Timothy James.** (2005). **Forum:** "Utah's Historic Pottery" Roundtable Lunch, Society for American Archaeology, 2005 Annual Meeting, Salt Lake City, UT. (Chair/Host)
- Scarlett, Timothy James.** (2004). "Pottery, Economy, Science and Religion: The Latter-Day Saints' Nineteenth-Century Pottery Industry." Ceramic Ecology XVIII, American Anthropological Association, 2004 Annual Meeting, Atlanta, GA.
- Scarlett, Timothy James.** (2004). **Invited Lecture:** "The Archaeology of Work." Western Michigan chapter of the Archaeological Institute of America and the Archaeology Club at Grand Valley State University, Grand Rapids, MI
- Scarlett, Timothy James.** (2004). "Social Actions of Production and Consumption: Economic Insights from the Mormon Domain." Society for Historical Archaeology, 2004 Annual Meeting, St. Louis, MO.
- Scarlett, Timothy James.** (2003). **Poster:** "Toward an Archaeology of Mormon Economy." Society for Historical Archaeology, 2003 Annual Meeting, Providence, RI.
- Scarlett, Timothy James.** (2002). **Forum:** "The SHA 2002 Student Forum: Sticky Situations: Ethical War Stories from Seasoned Professionals." (Chair, moderator, participant) Society for Historical Archaeology, 2002 Annual Meeting, Mobile, AL.
- Scarlett, Timothy James.** (2002). "Craft and Industry in Utah's Potteries: Archaeometry and Historical Archaeology at the Missouri Universities Research Reactor." Society for Historical Archaeology, 2002 Annual Meeting, Mobile, AL.
- Scarlett, Timothy James.** (2001). "Science and Historical Archaeology: An introductory discussion." Society for Historical Archaeology, 2001 Annual Meeting, Long Beach, CA.
- Scarlett, Timothy James.** (2001). **Workshop Participant:** "Introduction to GIS and ARCVIEW." Society for Historical Archaeology, 2001 Annual Meeting, Long Beach, CA.
- Scarlett, Timothy James.** (2000). "The Humpty Dumpty Effect— Can historical archaeology put people back together again?" Society for Historical Archaeology, 2000 Annual Meeting, Quebec City, Quebec.
- Scarlett, Timothy James.** (2000). **Invited paper:** "Random Chance and the Eureka Phenomenon: an Anthropologist Studies Himself." Society for Historical Archaeology, 2000 Annual Meeting, Quebec City, Quebec.

- Scarlett, Timothy James.** (2000). **Forum:** “The SHA 2000 Student Forum: The Job Search Process.” (Organizer and Chair). Society for Historical Archaeology, 2000 Annual Meeting, Quebec City, Quebec.
- Scarlett, Timothy James.** (2000). **Workshop Participant:** “Forensic Bioarchaeology: an introduction.” Society for Historical Archaeology, 2000 Annual Meeting, Quebec City, Quebec.
- Scarlett, Timothy James.** (2000). **Workshop Participant:** “Archaeological Analysis of Glass.” Society for Historical Archaeology, 2000 Annual Meeting, Quebec City, Quebec.
- Scarlett, Timothy James.** (2000). “Toward a Regional Historical Archaeology: The Railroad, Ceramic Commodities, Technological, and Social Change in the Great Basin West.” Great Basin Anthropology Association, 2000 Annual Meeting, Ogden, UT.
- Scarlett, Timothy James.** (2000). “‘Where's the Pots?': Historical Archaeology of Anglo- and European-American Potters in the Great Basin West.” Invited paper for the Nevada Archaeological Association, 2000 Annual Meeting, Ely, NV.
- Scarlett, Timothy James.** (2000). **Forum:** “The Future of Anthropology: the Four Field Approach.” (Invited Participant.) American Anthropological Association, 2000 Annual Meeting, San Francisco, CA.
- Scarlett, Timothy James.** (2000). **Forum:** “Professionalism: Praxis and the SAA Statement of Ethics.” (Organizer and Chair). Society for American Archaeology, 2000 Annual Meeting, Philadelphia, PA.
- Scarlett, Timothy James.** (1999). **Seminar Convened:** “Electronic Distance Learning: Opportunities and Challenges.” Faculty Continuing Education Seminar, University of Nevada, Reno, Excellence in Teaching Program. Organized and Co-taught with Chris Cheny, Department of Education, UNR. More information available at: http://www.unr.edu/acaff/etp/new_pages/classframeset/classinfo/tvede.html
- Scarlett, Timothy James.** (1999). “An Archaeologist Struggles with Culture and Time.” American Anthropological Association, 1999 Annual Meeting, Chicago, IL.
- Scarlett, Timothy James.** (1999). **Workshop Participant:** “Designing Effective Assignments.” University of Nevada Excellence in Teaching Program, Reno, NV.
- Scarlett, Timothy James.** (1999). “Throwing Identity: Making Pots in the American West.” Society for Historical Archaeology, 1999 Annual Meeting, Salt Lake City, UT.
- Scarlett, Timothy James.** (1998). “Narcissus' Mirror: Commodity Manufacture and Modernism in the American Great Basin—the case of Pottery” Society for Historical Archaeology, 1998 Annual Meeting, Atlanta, GA.
- Nelson, Shirley Ann** and Timothy James Scarlett. (1998). **Poster:** “Recognizing the Best: The Outstanding Teaching Assistant Award at UNR.” Teaching Assistant Training Conference, 1998 Annual Meeting, Minneapolis, MN. (Winner, Outstanding Poster in the Professional/Technical Category, UNR-GSA poster/paper competition).
- Scarlett, Timothy James and **Shirley Ann Nelson.** (1998). **Poster:** “The TA Training Process.” Teaching Assistant Training Conference, 1998 Annual Meeting, Minneapolis, MN.

- Scarlett, Timothy James.** (1997). "Quaker Bricks in Amish Country: The Lancaster Brick Company 1919-1979." Society for Historical Archaeology, 1997 Annual Meeting, Corpus Christi, TX.
- Scarlett, Timothy James.** (1996). "Material Culture and the Rancher's Mind." 1996 Great Basin Anthropology Meetings, Lake Tahoe, CA.
- Scarlett, Timothy James.** (1996). "Pottery Manufacture on the Industrial Frontier: Nevada and the American West." Northern Ceramic Society, 1996 Keele University Ceramics Seminar, Keele University, Staffordshire, England, UK.
- Scarlett, Timothy James.** (1996). "Pudding Pans and Broilers, Bread Pans and Pie: Redware, Consumption, and Economy in 18th Century New England." Society for Historical Archaeology, 1996 Annual Meeting, Cincinnati, OH.
- Scarlett, Timothy James.** (1995). "**Exhibit:** The Art and Culture of Native American Peoples of the Northern Great Basin." (Exhibit Construction). United States Department of the Interior, Bureau of Land Management, Exhibit at The I. P. Stanback Museum, South Carolina State University, SC. (Catherine Fowler, curator).
- Scarlett, Timothy James and Heather Van Wormer.** (1994). **Poster:** "Rustled Cattle and Rampant Pigs: Faunal Analysis of Shermantown Houselots." Society for American Archaeology, 1994 Annual Meeting, Minneapolis, MN.
- Scarlett, Timothy James.** (1993). "Describing Economic Relationships in 18th-Century New England." Society For Historical Archaeology, 1993 Annual Meeting, Kansas City, MO.
- Scarlett, Timothy James.** (1993). **Poster:** "Archaeological Sciences at the Spencer-Pierce-Little Farm." Society for the Preservation of New England Antiquities Archaeology Day Open House, Newbury, MA.
- Scarlett, Timothy James.** (1993). **Exhibit:** "A Look Back in Time: Ten Years of Massachusetts Archaeology at Department of Archaeology at Boston University." (Exhibit Construction and Set-up). Massachusetts Archaeology Week Exhibit, Sackler Gallery, Boston, MA. (Mary Beaudry, curator).
- Scarlett, Timothy James.** (1992). "Land, Politics, and Society: The Culture History of Archaeology in the United States." Northeastern Anthropological Association, 1992 Annual Meeting, Bridgewater, MA.

Museum Exhibits:

- Scarlett, Timothy James** (2019). "#UnErasing Histories in the Copper Country: A virtual/real pop-up exhibit about archaeological epistemology and African American and Chinese residents of the Keweenaw." Van Pelt and Opie Library, Michigan Technological University/Twitter/Facebook. (curator).
- Scarlett, Timothy James** (2016). "#Puzzle Jug: An Interactive Exhibit of Science and History." Van Pelt and Opie Library, Michigan Technological University/Canvas (curator).
- Scarlett, Timothy James** (2010). "Potters of the Gathering." Church History Museum, Salt Lake City, UT. (assistant curator, courier).

Scarlett, Timothy James (2009). "Potters of the Gathering: Clay Work in Early Utah." Iron Mission State Park Museum, Cedar City, UT. Summer 2009 (curator).

Kennard, Kenyon and **Timothy James Scarlett**. (2000). "Ottinger Hall Volunteer Firefighters' Benevolent Association Museum." This Is The Place Heritage Park, Salt Lake City, UT. (Assistant Curator working with curator Kenyon L. Kennard).

Television Productions:

Scarlett, Timothy James. (1998). "Town Meeting: Redeveloping Reno's Historic Downtown- the success of the Riverside and the question of the Mapes." Produced and Directed a two-hour televised program carried over satellite and cable television to over 300,000 homes in the greater Reno area. Event featured a professionally moderated panel discussion with questions from the audience, live call-in, and e-mail.

Professional Affiliations:

Society for Historical Archaeology, 1992 – Present
Academic and Professional Training Committee, 1996-Present
Chair, 2002-2005
Student Affairs Committee, 1995 - 2001
Chair, 1998-2001
Society for Industrial Archaeology, 2001-Present
American Anthropological Association, 1995 - Present
Society for American Archaeology, 1994 – Present
Curriculum Reform Committee, 2003-2005
Council for Northeast Historical Archaeology, 1992 – Present

Editorial and Referee Service:

I have refereed submitted articles for *Historical Archaeology*, *The International Journal of Historical Archaeology*, and *Geoarchaeology*. I have refereed grant proposals for The National Science Foundation, National Geographic, and the Natural Sciences and Engineering Research Council of Canada. I serve as co-editor with Carolyn White for the *Guides to American Artifacts* monograph series and the smaller *Studies in American Artifacts*, both with Left Coast Press, Walnut Creek, CA.

Web Publications/Editorships:

I am the author of a primary research blog for the Utah Pottery Project:

<http://utahpotteryproject.blogspot.com>

and I contribute to the research blog for the Cliff Mine Archaeology Survey:

<http://cliffmine.wordpress.com>

These contrast usefully with our "official" collaborative research blog we maintain for the West Point Foundry archaeology project here:

<http://www.westpointfoundry.org/>

Research Interests:

Historical and Industrial Archaeologies, History of Technology
Ecobiography, Religion and Identity
Archaeological Science and Culture Theory
Ceramic Petrology, Neutron Activation Analysis
Electronic and Distance Education and Anthropology
Archaeology and Cross-Curriculum, Experiential Education

Significant Service Activities:*University Senate, 2009-2014*

Senator, Department of Social Sciences

Chair, Academic Policy Committee, 2009-2014.

facilitated discussion, built consensus, wrote, and delivered policies that were ultimately approved by the Board of Control on revising shared governance in unit charters, establishing entrepreneurial leaves, codifying search procedures for chairs and deans, defining procedures for the evaluation and reappointment of chairs and deans, structuring joint academic appointments, clarifying and improving policy on Early Tenure; and Intellectual Property and Copyright.

Chair, General Education and Assessment Committee, 2014-2015.

Initiated review of the university's decision making process for General Education and Assessment, designed process to measure faculty satisfaction with the processes, and formulate recommendations to improve the system through reform.

Assessment Committees, 2012-2015

Participated in the design process for University Student Learning Goals (Global Literacy and Information Literacy), participated in playtesting and rubric design and revision, undertook actual assessment reviews, and otherwise supported these efforts both within my department and for the university-wide programs.

Degree and Program Steering Committees, 2001-20015

I have been a member of steering committees for regular supervision of major general education courses, degree programs, and other academic efforts, including:
General Education: World Cultures (2001-2013); Global Issues (2012-2015),
Perspectives on Inquiry (2001-2004)

Department of Social Sciences: Anthropology B.S. (2009-present), Industrial Heritage and Archaeology M.S. Ph.D. OSM/VISTA M.S. (2001-Present).