

VANESSA MUROS

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EDUCATION

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| In progress | PhD Archaeology Dept of History, Archaeology and Cultural Resources Management, University of the Peloponnese <i>Research focus:</i> Technology and trade of Late Bronze Age glass in the eastern Mediterranean |
| 1999 | MSc Conservation for Archaeology and Museums Institute of Archaeology, University College London |
| 1997 | MA Archaeology Institute of Archaeology, University College London |
| 1996 | BA Archaeological Studies/BA Anthropology Boston University |

RESEARCH INTERESTS

Archaeological conservation; deterioration and preservation of archaeological materials in situ; technical studies of cultural heritage materials; ancient glass and metals.

CONSERVATION EXPERIENCE

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| 2018-Present | Director of Conservation/Field School Instructor Corral Redondo Project (Iquipi, Peru) |
| 2017-Present | Conservator Palace of Nestor Archaeological Project (Pylos, Greece) |
| 2013-Present | Lecturer UCLA/Getty Program in the Conservation of Archaeological and Ethnographic Materials (Los Angeles, CA) |
| 2012-Present | Head Conservator Methone Archaeological Project (Makrygialos, Pieria, Greece) |
| 2005-Present | Lab Manager/Conservation Specialist UCLA/Getty Program in the Conservation of Archaeological and Ethnographic Materials (Los Angeles, CA) |
| 2013 | Conservator Zita Project in the Archaeology, Anthropology and Ethnography of Southern Tunisia (Zarzis, Tunisia) |
| 2007-2013 | Conservation Volunteer Southwest Museum of the American Indian, Autry National Center (Los Angeles, CA) |
| 2009-2012 | Conservator/Lab Director Pambamarca Archaeological Project (Pambamarca Region, Ecuador) |
| 2011-2012 | Consulting Conservator Castroville Mammoth Find (Castroville, CA) |
| 2011 | Consulting Conservator San Nicolas Island Field Project, California State University, Los Angeles (San Nicolas Island, CA) |
| 2010 | Conservator/Lab Director UCLA Maya Archaeology Project (San Ignacio, Belize) |
| 2006-2008 | Head Conservator Lofkënd Archaeological Project (Lofkënd, Albania) |
| 2000-2005 | Assistant Conservator Oriental Institute Museum, University of Chicago (Chicago, IL) |
| 1999-2000 | Andrew W. Mellon Fellow, Objects Conservation Los Angeles County Museum of Art (Los Angeles, CA) |
| 1999 | Conservator Sagalassos Research Project (Aglasun, Burdur, Turkey) |

- 1999 **Conservator**
Jabal Hamrat Fidan Project, Wadi Fidan, Jordan
- 1999 **Project Conservator**
Institute of Archaeology, University College London, London, UK
- 1998 **Conservation Intern**
Metals Section, Dept. of Conservation, British Museum, London, UK

RELATED WORK EXPERIENCE

- 2013-2016 **Editor**
Society for Archaeological Sciences Bulletin (<http://www.socarchsci.org/sasb.html>)
- 2013-2016 **e-Editor**
Association of North American Graduate Programs in Conservation (<http://resources.conservation-us.org/anagpic-student-papers/>)
- 1997-1999 **Editorial Assistant**
Journal of Conservation and Museum Studies, University College London, London, UK (<http://jcms-journal.com/>)
- 1998-1999 **Research Assistant**
Petrie Collection, Institute of Archaeology, University College London, London, UK
- 1997 **Registration Assistant**
Dept. of Prehistory and Romano-Britain, British Museum, London, UK
- 1996 **Field School Student**
Verberie le Buisson Campin (Verberie, France)
- 1995 **Field School Student**
Poggio Civitate (Murlo, Italy)

PUBLICATIONS

Peer Reviewed Journals

- Under review **Muros, V.** and A. Farahani. Correlating pXRF and LA-ICPMS/EPMA analyses of archaeological glass: An investigation from the Late Antique Southern Levant.
- 2019 **Muros, V.** and N. Zacharias. Lines, spots and trails: a microscopic and mineralogical study of antimonate-opacified glass beads from Lofkënd, Albania *Archaeological and Anthropological Sciences*. 11(5):1769-1782.
- 2016 **Muros, V.** and D. A. Scott. The formation of brochantite on archaeological bronzes: A case study from Lofkënd. *Studies in Conservation*, 1-13.
- 2015 Prikhodko, S., D. Rimbaldi, A. King, E. Burr, V. **Muros** and I. Kakoulli. New advancements in SERS dye detection using interfaced SEM and Raman spectromicroscopy (μ RS): SERS dye detection using interfaced SEM and μ RS. *Journal of Raman Spectroscopy* 46(7): 632-635.
- 2014 Prikhodko, S., D. Rimbaldi, V. **Muros**, E. Burr and I. Kakoulli. Interfaced SEM and micro-Raman spectroscopy for SERS analysis of dyes on single fibers. *Microscopy and Microanalysis* 20(S3):2008-2009.
- 2007 **Muros, V.**, S. Wärmlander, D. A. Scott and J. M. Theile. Characterization of 17th-19th century metal threads from the colonial Andes. *Journal of the American Institute for Conservation* 46:3, 229-244.
- 2004 **Muros, V.** and J. Hirx. A study in the use of cyclododecane as a temporary barrier for water-sensitive ink on archaeological ceramics during desalination. *Journal of the American Institute for Conservation* 43: 2, 75-89.

Edited Volumes and Book Chapters

- Forthcoming Price, R., V. **Muros** and H. Barnard. Considerations in the technical analysis of ancient Egyptian material remains: Destructive and non-destructive methods. In: Koons, M. and C. Arbutle MacLeod (eds). *Science and the Stories of the Egyptian Mummies and Coffins at the Denver Museum of Nature & Science*. Boulder, CO: University Press of Colorado.
- Under Review 2017 Barnard, H., V. **Muros**, and R. Boytner. The analysis of ancient organic textile dyes.
2017 **Muros, V.** Analysis of Roman mask padlocks in the Slocum Collection. In: Slocum, J. and D. Sonneveld. *Romano-Celtic mask puzzle padlocks: A study in their design, technology and security*. Appendix 3: 102-112.
- 2017 **Muros, V.** Care of Roman mask padlocks. In: Slocum, J. and D. Sonneveld. *Romano-Celtic mask puzzle padlocks: A study in their design, technology and security*. Appendix 6: 118-127.

- 2017 Muros, V. Padlock groupings based on lock covers. In: Slocum, J. and D. Sonneveld. *Romano-Celtic mask puzzle padlocks: A study in their design, technology and security*. Appendix 2: 97-101.
- 2015 Cheung, K.A., N. Xie, Z. Yao, C. Fischer, V. Muros, S. Prikhodko, and I. Kakoulli. Materials analysis. In: Houston, S. S. Newman, E. Roman, and T. Garrison. *Temple of the Night Sun. A Royal Tomb at El Diablo, Guatemala*. San Francisco: Precolombia Mesoweb Press, 249-258.
- 2014 Muros, V. Conservation at the Lofkënd Archaeological Project, 2004-2008. In: Papadopoulos, J.K., S.P. Morris, L. Bejko and L. Schepartz. *The excavation of the prehistoric burial tumulus at Lofkënd, Albania, Vol. 1 and 2*. Los Angeles: Cotsen Institute of Archaeology Press, 122-138 (Vol. 1-text) and 915-921 (Vol. 2-illustrations).
- 2014 Muros, V. Textiles and other mineralized organic remains at Lofkënd. In: Papadopoulos, J.K., S.P. Morris, L. Bejko and L. Schepartz. *The excavation of the prehistoric burial tumulus at Lofkënd, Albania, Vol. 1 and 2*. Los Angeles: Cotsen Institute of Archaeology Press. 411-424 (Vol. 1-text) and 1043-1057 (Vol. 2-illustrations)
- 2014 Muros, V. and D.A. Scott. Analytical studies of the metal artifacts from Lofkënd. In: Papadopoulos, J.K., S.P. Morris, L. Bejko and L. Schepartz. *The excavation of the prehistoric burial tumulus at Lofkënd, Albania, Vol. 1 and 2*. Los Angeles: Cotsen Institute of Archaeology Press. 389-410 (Vol. 1-text) and 1033-1042 (Vol. 2-illustrations)
- 2014 Papadopoulos, J.K. and V. Muros. Beads of faience and glass. In: Papadopoulos, J.K., S.P. Morris, L. Bejko and L. Schepartz. *The excavation of the prehistoric burial tumulus at Lofkënd, Albania, Vol. 1 and 2*. Los Angeles: Cotsen Institute of Archaeology Press. 371-375 (Vol. 1-text) and 1024-1025 (Vol. 2-illustrations)

Book Reviews

- 2015 Muros, V., Review of C. Pedeli and S. Pulga, Translated by E. Risser, "Conservation Practices on Archaeological Sites: Principles and Mechanisms". *Journal of the American Institute for Conservation* 54:2, 114-118.

Conference Proceedings/Postprints

- 2017 Muros, V., N. Little, Y. Lin, and P. Boehnke. Down in the dumps: Analysis of glass production debris from Petrie's excavations at Amarna. In: Owczarek, N., M. Gleeson and L. Grant. *Engaging Conservation: Collaboration Across Disciplines*. London: Archetype Books.
- 2016 Muros, V., H. White and Ö. Gençay-Üstün. The use of CopyFlex food-grade, silicone rubber for making impressions of archaeological objects. *Object Specialty Group Postprints*. Proceedings of the Objects Specialty Group Session at the 43rd Annual Meeting of the American Institute for the Conservation, May 13-16, 2015, Miami, FL. Washington DC: AIC, 181-204
- 2004 Whyte, A, V. Muros and S. Barack. 2004. "Brick by Brick": Piecing together an 8th century BC facade from Iraq. *Objects Specialty Group Postprints*, 32nd Annual Meeting of the American Institute for Conservation, June 10-14, Portland, OR. Washington D.C.: AIC, 172-189.

Other Publications

- 2019 Muros, V. A day in the life at Corral Redondo, Peru. *Community Collaboration in Archaeology, IFR Blog*. Los Angeles, CA: Institute for Field Research. <https://ifrglobal.org/blog/a-day-in-the-life-at-corral-redondo-peru/> Published online: 4/19/2019. Last accessed: 5/1/2019.
- 2018 Muros, V. and E. Bowen. Conservation, education and outreach at the Corral Redondo Project, Peru. *Backdirt*. Annual Review of the Cotsen Institute of Archaeology, 84-87.
- 2015 White, H., V. Muros, and A. Weiss. "Animal, Vegetable, Mineral?" – Identifying mystery fibers in the field. *UCLA/Getty Conservation Program Blog*. Los Angeles, CA: UCLA/Getty Conservation Program. <https://uclagettyprogram.wordpress.com/2015/07/10/animal-vegetable-mineral/> Published online: 7/10/2015. Last accessed: 5/1/2019.
- 2014 Muros, V. How do you mount several tiny samples together?...Very carefully! *UCLA/Getty Conservation Program Blog*. Los Angeles, CA: UCLA/Getty Conservation Program. <https://uclagettyprogram.wordpress.com/2014/03/29/mounting-small-samples/> Published online: 3/29/2014. Last accessed: 5/1/2019.
- 2012 Muros, V. Investigation into the use of Aquazol as an adhesive on archaeological sites. *WAAC Newsletter* 34: 1, 9-11.
- 2010 Muros, V., D. Lohnas, and E. Pearlstein. Powdery paint consolidation part I: Setting up an ultrasonic humidifier and nebulizer. *UCLA/Getty Conservation Program Blog*. Los Angeles, CA: UCLA/Getty

- Conservation Program. <https://uclagettyprogram.wordpress.com/2010/12/30/powdery-paint-part1/>
Published online: 12/30/2010. Last accessed: 5/1/2019.
- 2010 Muros, V. What's simmering in that beaker? Understanding ancient technology by manufacturing pigments. *The Iris: Behind the scenes at the Getty*. Los Angeles: J. Paul Getty Museum. <http://blogs.getty.edu/iris/whats-simmering-in-that-beaker-understanding-ancient-technology-by-manufacturing-pigments/> Published online: 6/8/2010. Last accessed: 5/1/2019
- 2010 Muros, V. To microwave, or use the stove top: that is the question...when making wheat starch paste. *UCLA/Getty Conservation Program Blog*. Los Angeles, CA: UCLA/Getty Conservation Program. <https://uclagettyprogram.wordpress.com/2010/05/09/starch-paste/> Published online: 5/9/2010. Last accessed: 5/1/2019
- 2010 Pearlstein, E. and V. Muros. ANAGPIC-UCLA/Getty Conservation Program in the Conservation of Archaeological and Ethnographic Materials. *AIC News*, 35(2), March, 13-14.
- 2008 Muros, V. Conservation research initiatives. *Backdirt* Annual Review of the Cotsen Institute of Archaeology, 38.
- 2007 Muros, V. First conservation class completes summer internships. *Backdirt*. Annual Review of the Cotsen Institute of Archaeology, 2.
- 2007 Muros, V. Conservation in Albania. *Backdirt* Annual Review of the Cotsen Institute of Archaeology, 47-48.
- 2002 Muros, V., V. Parry, and A. Whyte, 2002. Conservation research projects. *News and Notes*, Quarterly Publication of the Oriental Institute. No. 175 (Fall), 1-8.

Field/Technical Reports

- 2016 Muros, V. *PXRF analysis of artifacts from the site of ancient Eleon*. Scientific report prepared for the Eastern Boetia Archaeological Project, Greece.
- 2017 Muros, V., W. Read, M. Burton, L. Ocal and C. Pantages. *Ancient Methone Archaeological Project conservation report 2016*. Conservation report to be submitted to the Methone Archaeological Project and the 27th Ephorate of Prehistoric and Classical Antiquities, Makrygialos, Greece.
- 2015 Muros, V. and C. Pantages. *Ancient Methone Archaeological Project conservation report 2015*. Conservation report to be submitted to the Methone Archaeological Project and the 27th Ephorate of Prehistoric and Classical Antiquities, Makrygialos, Greece.
- 2014 Muros, V., A. Weiss, and H. White. *Ancient Methone Archaeological Project conservation report 2014*. Conservation report to be submitted to the Methone Archaeological Project and the 27th Ephorate of Prehistoric and Classical Antiquities, Makrygialos, Greece.
- 2013 Muros, V. *Methone Archaeological Project conservation report 2013*. Conservation report to be submitted to the Methone Archaeological Project and the 27th Ephorate of Prehistoric and Classical Antiquities, Makrygialos, Greece.
- 2012 Muros, V., B. Dolph and C. Tzadik. *Methone Archaeological Project conservation report 2012*. Conservation report to be submitted to the Methone Archaeological Project and the 27th Ephorate of Prehistoric and Classical Antiquities, Makrygialos, Greece.
- 2012 Muros, V. *PAP conservation report 2012*. Conservation report submitted to the Pambamarca Archaeological Project and the Instituto Nacional de Patrimonio Cultural, Quito, Ecuador.
- 2011 Muros, V. *PAP conservation report 2011*. Conservation report submitted to the Pambamarca Archaeological Project and the Instituto Nacional de Patrimonio Cultural, Quito, Ecuador.
- 2011 Muros, V. and A. Lewis. *Castroville mammoth find: Analytical report*. Analytical report submitted to the Castroville Mammoth Find Project, California.
- 2011 Muros, V. and A. Lewis. *Castroville mammoth find: Field conservation report*. Conservation report submitted to the Castroville Mammoth Find Project, California.
- 2010 Muros, V. *Summary of UMAP laboratory activities- 2010 Season*. Conservation report submitted to the UCLA Maya Archaeology Project and the Institute of Archaeology, Belize.
- 2009 Muros, V. *PAP conservation report 2009*. Conservation report submitted to the Pambamarca Archaeological Project and the Instituto Nacional de Patrimonio Cultural, Quito, Ecuador.
- 2007 Muros, V. and A. Bardho. *Lofkënd 2007 conservation final report*. Conservation report submitted to the Lofkënd Archaeological Project.
- 2006 Muros, V., A. Lewis and A. Bardho. *Lofkënd 2006 conservation final report*. Conservation report submitted to the Lofkënd Archaeological Project and the Samuel H. Kress Foundation.

- 1999 Muros, V. *The removal of insoluble salts on wall paintings from Sagalassos*. Report submitted to the Sagalassos Archaeological Research Project.

CONFERENCE PARTICIPATION AND PROFESSIONAL TALKS

Conference Presentations

- 2019 Muros, V. *Preservation, Education and Outreach: Conservation at the Corral Redondo Project*. Society for American Archaeology 83rd Annual Meeting, April 12-14, 2015. Albuquerque, NM.
- 2016 Muros, V., N. Little, Y. Lin and P. Boehnke. *Down in the dumps: Analysis of glass production debris from Petrie's excavations at Amarna*. "Engaging Conservation: Collaboration Across Disciplines" Symposium, Penn Museum, Oct. 6-8, 2016, Philadelphia, PA.
- 2015 Muros, V., H. White and Ö. Gençay-Üstün. *The use of CopyFlex food-grade, silicone rubber for making impressions of archaeological objects*. 43rd Annual Meeting of the American Institute for the Conservation, May 13-16, 2015, Miami, FL.
- 2015 Muros, V., N. Zacharias, W. Shelley and I. Kakoulli. *The technology and trade of glass in SE Europe: Analysis of 12th-9th c. BC glass from Lofkënd and Methone*. Society for American Archaeology 80th Annual Meeting, April 15-19, 2015. San Francisco, CA.
- 2014 Muros, V. *What lies beneath: Analytical studies of bronze and glass artifacts from the prehistoric tumulus at Lofkënd*. Western Association for Art Conservation Annual Meeting, Sept. 8-11, 2014, San Francisco, CA.
- 2014 Muros, V., N. Zacharias and J.K. Papadopoulos. *The technology of Late Bronze Age-Early Iron Age glass in the Mediterranean: Analytical studies of vitreous materials from Lofkënd*. International Symposium on Archaeometry, May 19-23, 2014, Los Angeles, CA.
- 2013 Muros, V. *Analyzing deteriorated glass using pXRF: A preliminary study of vitreous beads from the Late Bronze Age- Early Iron Age tumulus of Lofkënd in Albania*. Society for American Archaeology 78th Annual Meeting, April 3-7, 2013. Honolulu, HI.
- 2012 Muros, V. and A. Lewis. "Holy Mammoth, Batman!": *Conservation education and outreach for the preservation of a Columbian mammoth*. 40th Annual Meeting of the American Institute for the Conservation, May 8-12, 2012, Albuquerque, NM.
- 2012 Muros, V., A. Lewis, C. Daly and H. Dibner. *The Castroville mammoth find: Conservation and collaboration*. Society for California Archaeology 46th Annual Meeting, March 29-April 1, San Diego, CA.
- 2011 Muros, V. "No, I'm not making cocaine": *The challenges of archaeological conservation in northern highland Ecuador*. 2011 Western Association for Art Conservation Annual Meeting, Oct. 19-22, 2011, Austin, TX.
- 2011 Muros, V., L. Chayes and M. Gleeson. *Inks and barcodes: Methods of labeling and tracking objects*. Paper and hands-on session presented at the 2011 California Associations of Museums Conference "Powerful Practice in Challenging Times", March 2-4, 2011, Pasadena, CA.
- 2010 Muros, V. and Ö. Gençay-Üstün. *Preserving California's cultural heritage: Collaborations with archaeologists and tribal communities*. Society for California Archaeology 44th Annual Meeting, March 17-20, Riverside, CA.
- 2009 Muros, V., J. Lehner, and A. Bardho. *The sampling of archaeological metals for lead isotope analysis using EDTA: A "minimally destructive" alternative*. Poster Session, 37th Annual Meeting of the American Institute for Conservation, May 19-22, 2009, Los Angeles, CA.
- 2008 Muros V. and A. Lewis. *Storage solutions for portable finds at the Lofkënd Archaeological Project*. Paper presented at the National Endowment for the Humanities funded symposium "Storage: Preservation and Access of Archaeological Collections", UCLA/Getty Conservation Program, June 7-8, 2008, University of California Los Angeles, CA.
- 2008 Muros, V., S. Wärmlander, and D. A. Scott. *Characterization of pre-Colombian gold wires*. Poster Session, 36th Annual Meeting of the American Institute for Conservation, April 21-24, 2008, Denver, CO.
- 2007 Muros, V., S. Wärmlander, D. A. Scott and J. Theile. *Characterization of 17th-19th century metal threads from the colonial Andes*. Poster Session, 35th Annual Meeting of the American Institute for Conservation, April 16-20, 2007, Richmond, VA.
- 2004 Whyte, A, Muros, V. and Barack, S. "Brick by Brick": *Piecing together an 8th century BC facade from Iraq*. Poster Session, 32nd Annual Meeting of the American Institute for Conservation, June 10-14, 2004, Portland, OR.

Organized Symposia

- 2013 Muros, V. Co-organizer and session chair, *Archaeometric Methods, Archaeological Materials & Ancient Technologies*. Society for American Archaeology 78th Annual Meeting, April 3-7, 2013. Honolulu, HI.
- 2011 Muros, V. Discussant for the *1st International SAA Symposium for Recent, International Advances in the Use of pXRF and other Portable Field Technologies for Archaeochemical Studies of Sites in the Americas*. Society for American Archaeology 76th Annual Meeting, March 30-April 3, 2011. Sacramento, CA.

Workshops

- 2017 Chayes, L. and V. Muros. *Object Handling*. Santa Barbara Museum of Art, February 10, 2017, Santa Barbara, CA.
- 2016 Serotta, A. and V. Muros. *Innovation at the Juncture of Conservation and Archaeology: Collaborative Technical Research*. 117th Annual Meeting of the Archaeological Institute of America, Jan. 6-9, San Francisco, CA.
- 2013 Lewis, A., V. Muros, Ö. Gençay-Üstün. *Flaking, fragile, and fragmentary: Safe lifting and storage of delicate objects in the field*. Society for California Archaeology 47th Annual Meeting, March 7-10, San Francisco, CA.
- 2012 Gleeson, M., V. Muros, L. Chayes, Ö. Gençay-Üstün, and A. Lewis. *Flaking, fragile, and fragmentary: Safe lifting and storage of delicate objects in the field*. Society for California Archaeology 46th Annual Meeting, March 29-April 1, San Diego, CA.
- 2011 Muros, V. *Packing and storage of archaeological collections*. Session taught as part of the day long workshop "Caring for Artifacts-From the Field to the Lab" at the Society for California Archaeology 45th Annual Meeting, March 10-13th, Rohnert Park, CA.

PUBLIC LECTURES

- 2019 *Corral Redondo, Peru: 75 years later*. Presented with H. Barnard and D. Zborover. Cotsen Institute of Archaeology, University of California, Los Angeles.
- 2019 *The intersection of preservation, education and community outreach. Conservation at the Corral Redondo Project*. Andean Working Group, Cotsen Institute of Archaeology, University of California, Los Angeles.
- 2014 *Conservation and research at the Methone Archaeological Project*. Cotsen Institute of Archaeology, University of California, Los Angeles.
- 2012 "Holy Mammoth, Batman!": *Conservation education and outreach for the preservation of a Columbian mammoth*. Cotsen Institute of Archaeology, University of California, Los Angeles.
- 2010 *Night of the corroding dead: The effect of burial environment on archaeological bronzes*. Cotsen Institute of Archaeology, University of California, Los Angeles.
- 2009 *Ancient Peruvian textile workshop: Conservation, education and outreach*. Cotsen Institute of Archaeology, University of California, Los Angeles.
- 2007 *Brick by Brick: Piecing together an 8th century BC facade from Iraq*. Chicago Area Conservation Group, Oriental Institute Museum, University of Chicago.

PUBLIC OUTREACH AND EDUCATION

- 2009-Present **Social Media Manager**
 UCLA/Getty Conservation Program Blog (<https://uclagettyprogram.wordpress.com/>)
 UCLA/Getty Conservation Program Website (<http://conservation.ucla.edu>)
 UCLA/Getty Conservation Program Facebook page (<https://www.facebook.com/UCLAGettyProgram>)
 UCLA/Getty Conservation Program Twitter (@UCLAGettyCons)
- 2009-Present **Moderator/Administrator**
 pXRF for Cultural Heritage Users Group
- 2010-2016 **Contributor**
 "Conservators Converse" blog, American Institute for the Conservation of Historic and Artistic Works (AIC). (<http://www.conservators-converse.org/>)
- 2012-2014 **Mentor**
 AIC's Emerging Conservation Professionals Network (ECPN) Mentoring Program
- 2010-2014 **Contributor/Editor**

- Objects Specialty Group (OSG) Wiki, American Institute for the Conservation of Historic and Artistic Works (AIC). (<http://www.conservation-wiki.com/index.php?title=Objects>)
- 2005-2014 **Volunteer**
Cotsen Institute of Archaeology's Annual Open House
- 2012-2013 **Volunteer educator/Conservation consultant**
"ARC Smart" Program, Los Angeles Unified School District Art and Artifact Collection and USC'S Archaeology Research Institute.
- 2012 **Volunteer Conservator**
San Miguel Chapel, American Institute for Conservation Angel's Project, Santa Fe, NM
- 2009-2011 **Contributor**
"Wikipedia Saves Public Art" (http://en.wikipedia.org/wiki/Wikipedia:WikiProject_Public_art and http://en.wikipedia.org/wiki/Stephanie_and_Spy)
- 2009 **Volunteer Conservator**
Sherman Indian Museum, American Institute for Conservation Angel's Project, Riverside, CA

TEACHING EXPERIENCE

University of California, Los Angeles

- 2015-2019 *Field Methods in Archaeological Conservation: Readiness, Response and Recovery* (UCLA/Getty Conservation Program), Instructor
- 2018 *Conservation Laboratory: Metals I* (UCLA/Getty Conservation Program), Instructor
- 2017 *Directed Individual Studies* (UCLA/Getty Conservation Program), Instructor
- Analytical studies of a group of ceramic vessels from the site of Amapa in Nayarit, Mexico
- The analysis and treatment of glass beads on a group of Native American leather leggings and arm cuffs.
- 2017 *Conservation Laboratory: Metals II* (UCLA/Getty Conservation Program), Co-Instructor
- 2014-2016 *Cultural Materials Science II: Characterization Methods in the Conservation of Materials* (UCLA/Getty Conservation Program), Lab Assistant
- 2014-2016 *Conservation Laboratory: Metals I* (UCLA/Getty Conservation Program), Lab Assistant
- 2014-2016 *Structure, Properties and Deterioration of Materials: Metals* (UCLA/Getty Conservation Program), Lab Assistant
- 2014-2016 *Conservation Laboratory: Ceramics, Glass and Glazes* (UCLA/Getty Conservation Program), Lab Assistant
- 2015 *Directed Individual Studies* (UCLA/Getty Conservation Program), Instructor
- Examination and treatment of African iron objects from the Fowler Museum at UCLA
- 2013 *Structure, Properties and Deterioration of Materials: Ceramics, Glass, Glazes* (UCLA/Getty Conservation Program), Lab Assistant
- 2012 *Field Methods in Archaeological Conservation: Readiness, Response and Recovery* (UCLA/Getty Conservation Program), Co-Instructor
- 2008-2012 *Deterioration and Conservation of Inorganic Materials III: Metals* (UCLA/Getty Conservation Program)
Lab Assistant
- 2006-2012 *Deterioration and Conservation of Inorganic Materials II: Metals, Metal-Composite Objects and Stone* (UCLA/Getty Conservation Program), Lab Assistant
- 2006-2011 *Deterioration and Conservation of Inorganic Materials I: Ceramics and Glass* (UCLA/Getty Conservation Program)
Lab Assistant
- 2007-2011 *Scientific Methodologies for Art and Archaeology* (UCLA/Getty Conservation Program), Lab Assistant
- 2011 *Collections Care: Investigation and care of art and artifact collections in the museum, gallery or private home* (UCLA Extension), Co-instructor
- 2009 *Conservation Materials and Methods* (UCLA/Getty Conservation Program), Lab Assistant
- 2008 *Deterioration and Conservation of Organic Materials III* (UCLA/Getty Conservation Program), Lab Assistant
- 2005-2008 *Photographic and Graphic Documentation for Conservation* (UCLA/Getty Conservation Program), Lab Assistant

University of Southern California

- 2013-2014 *Scientific Analysis in Archaeology* (Dept. of Anthropology), Guest Lecturer
- 2006 *Near Eastern and Mediterranean Archaeology* (Dept. of Religion), Guest Lecturer

University of Chicago2002-2004 *Instrumental Analysis in Archaeology* (Dept. of Near Eastern Art and Archaeology), Guest Lecturer

AWARDS, GRANTS AND HONORS

2017 Antiquities Endowment Fund, American Research Center in Egypt (\$11500 USD)
 2017 UCLA Non-Senate Faculty Curriculum Development Grant (\$1300 USD)
 2016 UCLA Staff Assembly Scholarship (\$500 USD)
 2016 Research Associate, Malcolm H. Wiener Laboratory for Archaeological Science Fellowship, American School of Classical Studies Athens (\$3600 USD)
 2015 Research grant, The John Anson Kittredge Fund (\$6000 USD)
 2015 UCLA Non-Senate Faculty Professional Development Grant (\$1800 USD)
 2013 FAIC Individual Professional Development Scholarship (\$1000 USD)
 2007 UCLA Staff Assembly Scholarship (\$500 USD)
 2004 Samuel H. Kress Foundation Professional Development Grant (\$3000 USD)

UNIVERSITY SERVICE/ACTIVITIES**MA Theses Supervised**

2018 Lindsay Ocal, *Analytical studies of a group of ceramic vessels from the site of Amapa in Nayarit, Mexico*, UCLA/Getty Conservation Program (committee co-chair)
 2016 Colette Khanaferov, *Characterization of pigments, colorants, inks, and paper of a printed 18th century illustrated Armenian prayer scroll using non-invasive spectroscopic and analytical imaging technique*, UCLA/Getty Conservation Program (committee member)
 2016 William Shelley, *Biocorrosion of archaeological glass*, UCLA/Getty Conservation Program (committee member)
 2014 Madeleine Neiman, *The alteration of cinnabar in archaeological Roman wall paintings*, UCLA/Getty Conservation Program (committee member)
 2014 Carinne Tzadik, *Conservation, analysis and treatment of Jaina figurines*, UCLA/Getty Conservation Program (committee member)

Departmental Service

2013-2017 Admissions committee member, UCLA/Getty Conservation Program

PROFESSIONAL COMMITTEE SERVICE

2004-2014 Publications Committee, American Institute for the Conservation of Historic and Artistic Works (AIC).
 2002-2014 Chair, Website Committee, Objects Specialty Group (OSG), American Institute for the Conservation of Historic and Artistic Works (AIC). (<http://cool.conservation-us.org/coolaic/sg/osg/>).

CONTINUING EDUCATION

2009 *Ancient Peruvian Textiles Workshop*. Museum Textile Services, Instructor: Camille Breeze
 2008 *Textiles of the World: Archaeological and Ethnographic Textiles of the Old World*. UCLA, Dept. of World Arts and Culture, Instructor: Elizabeth Barber
 2004 *Ancient and Historic Metals*. University of California, Los Angeles, Instructor: David A. Scott

PROFESSIONAL MEMBERSHIPS

American Institute for Conservation
 American Research Center in Egypt
 Archaeological Institute of America
 Society for Archaeological Sciences
 Society for American Archaeology