## Historic Preservation Laws and Regulations

### 1906 Antiquities Act [16 U.S.C. 431-433]

http://www.nps.gov/history/local-law/anti1906.htm

### **1960 Reservoir Salvage Act [16 U.S.C. 469-469c]** http://www.usbr.gov/cultural/ReservoirSalvageAct1960.pdf

**1966 National Historic Preservation Act [16 U.S.C. 470h-2]** <u>http://www.nps.gov/history/local-law/nhpa1966.htm</u>

1979 Archaeological Resources Protection Act [20 U.S.C. 80] www.cr.nps.gov/local-law/fhpl\_archrsrcsprot.pdf

1990 Native American Graves Protection and Repatriation Act [25 U.S.C. 3001 et. Seq] http://www.nps.gov/nagpra/mandates/25usc3001etseq.htm

1990 Curation of Federally-Owned and Administered Archaeological Collections [36 CFR 79]

http://www.nps.gov/archeology/tools/36CFR79.HTM

### National, Museum, State Repository Accreditation Processes, State Curation Guidelines

<u>Museum Accreditation</u> **American Alliance of Museums:** <u>http://www.aam-us.org/resources/assessment-programs/accreditation</u>

### Curatorial Facility Certification

#### **Texas Historical Commission**

http://www.thc.texas.gov/preserve/projects-and-programs/curatorial-facility-certification

State Curation Guidelines Examples California: http://ohp.parks.ca.gov/pages/1054/files/guide93.pdf Delaware: http://history.delaware.gov/pdfs/Delaware Archaeology Curation Guidelines.pdf Kansas: https://www.kshs.org/p/archeology-curation-standards/14590 North Carolina: http://www.archaeology.ncdcr.gov/ncarch/resource/curation.htm Texas: http://counciloftexasarcheologists.org/wordpress/wp-content/uploads/CTA-CurationGuidelines-2011-03-03-NL.pdf Wisconsin: http://www4.uwm.edu/Org/was/WASurvey/guidelines.html

Check out your state's curation guidelines, which can usually be found by googling [state's name] and [archaeological curation guidelines], or by contacting your state's historic preservation office and/or professional archaeological society.

# Managing Digital Data

#### Archaeology Data Service, Digital Antiquity, Guides to Good Practice

http://guides.archaeologydataservice.ac.uk/g2gp/CreateData\_1-0

### **Smithsonian Institution Archives, Digitization Standards**

http://siarchives.si.edu/services/digitization

Archaeology Data Service, Data Train Archaeology http://archaeologydataservice.ac.uk/learning/DataTrainDownload

The Digital Archaeological Record (tDAR) https://www.tdar.org/

Digital Curation Center http://www.dcc.ac.uk/resources

Office of Science and Preservation Technology (OSTP) Memo, 2013: http://www.cfr.org/innovation/memo-office-science-technology-policy-increasing-accessresults-federally-funded-scientific-research/p36309

#### National Science Foundation Public Access Plan:

http://www.nsf.gov/pubs/2015/nsf15052/nsf15052.pdf

Center for Digital Archaeology: https://digitalarch.org/

Open Context: https://opencontext.org/

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### Online Resources for Curation and Collections Management

Midwest Archaeology Center, NPS: <a href="http://www.nps.gov/mwac/reference">http://www.nps.gov/mwac/reference</a> materials/curation info/curation info.htm

Mandatory Center of Expertise for the Curation and Management of Archaeological Collections, US. Army Corps <u>http://www.mvs.usace.army.mil/Missions/CentersofExpertise/CurationMgmtofArchaeological</u> <u>Collections.aspx</u>

Department of the Interior Museum Property Annual Reports <a href="https://www.doi.gov/museum/annual-reports">https://www.doi.gov/museum/annual-reports</a>

Department of the Interior Museum Program: https://www.doi.gov/museum

Sustainable Archaeology: http://sustainablearchaeology.org/

Heritage Health Index Report (2005) : <u>https://www.imls.gov/publications/heritage-health-index-full-report</u>

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#### Sonderman, Robert

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### **Collections Re-Use: Online Resources**

Webinars and Radio Programs: Lost and Found: Orphaned Archaeological Collections and Bringing Them Home, Aired on December 10, 2014 Barbara Voss, Ph.D., Stanford University Interviewed on Voice America Radio Program, Hosted by Dr. Joseph Schuldenrein

**Saving Orphaned Collections Webinar** (Sponsored by I-DigBio and Small Collections Network)

Paul Valentich-Scott, Santa Barbara Museum of Natural History http://idigbio.adobeconnect.com/p62enbqd3b3/ Although the focus is primarily on natural history collections, this is an

excellent webinar that outlines steps a repository can and should take before deciding to "adopt" and orphaned collection.

Florida Connecting to Collections Webinar: Found in Collection/ Abandoned Property: Hosted on January 13, 2017 https://www.youtube.com/watch?v=V17XDekORVw

### Websites That Highlight Rehabilitation of Orphaned Collections/ ReUse

**Sustainable Archaeology McMaster:** From their website: "Sustainable Archaeology is a joint project between McMaster University and the University of Western Ontario (UWO), supported by the Canadian Foundation for Innovation and the Ontario Ministry of Research and Innovation. This 9.8 million-dollar initiative to physically and digitally consolidated Ontario archaeological collections facilitate current and future use by any and all interested researchers."

The Value of Legacies: Revisiting Collections at Sustainable Archaeology McMaster: <u>https://sustarc.mcmaster.ca/?p=1266&</u> And McMaster Legacy Project: <u>https://sustarc.mcmaster.ca/?p=999</u>

Market Street Chinatown Archaeological Project: <u>https://marketstreet.stanford.edu/</u> Barbara Voss, Ph.D., Stanford University

**Colonial Encounters: The Lower Potomac River Valley at Contact, 1500-1720 A.D.** Julia King, Ph.D, Saint Mary's College of Maryland, and colleagues from many other institutions http://colonialencounters.org/index.aspx

Yellow Jacket Project, University of Colorado Museum of Natural History http://yellowjacket.colorado.edu/

# **Online Collections-Based Resources**

"Collections-Based vs. Field-Based Research: A Need For Dialogue", Society for Historical Archaeology Blog Post by Julia King (2014) <u>https://sha.org/blog/2014/12/collections-based-vs-field-based-research-a-need-for-dialogue/</u>

"Exhibiting Archaeology", Society for Historical Archaeology, Blog Post by Jared Leonard, Graduate Student University of Maryland <u>https://sha.org/resources/newsletter-articles/exhibiting-archaelogy/</u>

University of Reading, Collections-Based Research Program <a href="https://blogs.reading.ac.uk/special-collections/2013/10/cbratreading/">https://blogs.reading.ac.uk/special-collections/2013/10/cbratreading/</a>

Collections Curatorship Course, University College London (UCL) Institute of Archaeology <a href="http://www.ucl.ac.uk/archaeology/studying/masters/courses/ARCLG192">http://www.ucl.ac.uk/archaeology/studying/masters/courses/ARCLG192</a>

Cultural Resources, Federal Facilities Environmental Stewardship and Compliance Assistance Center <u>https://www.fedcenter.gov/programs/cultural/</u>

Texas Historical Commission (phenomenal portal for myriad resources) http://www.thc.texas.gov/preserve/projects-and-programs/museum-services/technicalassistance

## Theses Dissertations, and Research Papers that Utilized Existing Collections

Daniels, Morgan G.

Data Reuse in Museum Contexts: Experiences of Archaeologists and Botanists. Unpublished Ph.D. Dissertation. School of Information, University of Michigan, Ann Arbor. (2014)

Govaerts, Lotte

Using the Products of Yesterday's Stewardship to Tackle Today's Questions in Historical Archaeology: Insights from the River Basin Surveys Collections. (unknown date) <u>https://www.academia.edu/20206107/Using\_the\_Products\_of\_Yesterday\_s\_Stewardship\_to\_</u> <u>Tackle\_Today\_s\_Questions\_in\_Historical\_Archaeology\_Insights\_from\_the\_River\_Basin\_S</u> <u>urveys\_Collections</u>

Guinard, Adam W.

The Importance of Collection Based Research: The Garrett Allen Site (48CR301) and Beyond. Unpublished paper (unknown date) <u>https://www.academia.edu/10318486/The\_Importance\_of\_Collection\_Based\_Research\_Th</u> <u>e\_Garrett\_Allen\_Site\_48CR301\_and\_Beyond</u>

Oliver, Kali D.V.

Adopting an Orphaned Archaeological Collection: Walla Walla, Washington's Hussey Collection. Unpublished Master's Thesis, University of Idaho. (2014)

Wells, Megan Rosemary

Collections-Based Research in Museums: Understanding, Structure, Visibility. MA Thesis Museum Studies, Massey University, Palmerston North, New Zealand (2012)

Note: There are many more, but these are a few good places to start.

## Recent Conference Session that Addressed Orphaned Collections

2015 Society for American Archaeology Annual Meeting Session

- Ann Stansell—Excavating the Collections: Redefining Archaeological Practice in the 21st Century through Utilizing Existing Assemblages
- Elanor Sonderman—Addressing the Curation Crisis through Research in University
  Legacy Collections
- Heather McDaniel—Ethical Consumption and Archaeological Ethics: A Case Study in the Responsible Treatment of Cultural Collections and the Resulting Lessons Learned
- Stephanie Lapeyre-Montrose—Forget Me Nots: Smaller Collections Need Archaeologists Too
- Elisabeth Rareshide—Legacy Collections in Public Education
- Hugh Radde—Understanding Island Tongva Villages: Results from the Catalina Island Museum's Toyon Collection
- Monica Corpuz—Unearthing the Mysteries of the Frank Palmer Archaeology Collections
- Mario Borrero—Forgotten Finds: Updating Existing Collections for Modern Research

Also search tDAR for related sessions: <u>https://www.tdar.org/</u>

You can search SAA annual meeting archives here for other sessions: http://saa.org/AbouttheSociety/AnnualMeeting/tabid/138/Default.aspx

## Recent Conference Sessions that Addressed the Use of Existing Collections

2017 Society for American Archaeology Annual Meeting Session Boxed But Not Forgotten: The Significance of Collections-Driven Research in Historical Archaeology

2017 Society for Historical Archaeology Annual Meeting Session Breaking Ground Without A Shovel: Collections-Based Research in the Field of Archaeology

2017 Society for American Archaeology Annual Meeting Session Repatriation Issues and Options For Museums and Collections Management

2017 Society for American Archaeology Annual Meeting Session Assessment in Archaeology Education: Project Archaeology Research

2017 Society for American Archaeology Annual Meeting Session **Museum Meet and Greet** 

2016 Society for American Archaeology Annual Meeting Session Crisis and Opportunity: Legacy Collections and Archaeological Research in the 21st Century

2015 Society for American Archaeology Annual Meeting Session Centre for Research in the Arts, Social Sciences, and Humanities. **The Museum as Method: Collections, Research, Universities 14 March 2016 - 15 March 2016, Cambridge Museum** <u>http://www.crassh.cam.ac.uk/events/26253</u> and <u>https://camunivmuseums.wordpress.com/2016/03/11/museum-as-method-laboratories-and-experiments-in-the-</u> humanities-and-their-histories/

There are many more! Search tDAR for related sessions: https://www.tdar.org/

You can search SAA annual meeting archives here for other sessions: http://saa.org/AbouttheSociety/AnnualMeeting/tabid/138/Default.aspx

## **Resources for Finding Collections**

National Association of State Archaeologists https://archaeology.uiowa.edu/national-association-state-archaeologists

National Conference of State Historic Preservation Officers <a href="http://ncshpo.org/directory/">http://ncshpo.org/directory/</a>

National Association of Tribal Historic Preservation Officers <a href="http://nathpo.org/wp/thpos/find-a-thpo/">http://nathpo.org/wp/thpos/find-a-thpo/</a>

National NAGPRA https://www.nps.gov/nagpra/onlinedb/index.htm and https://www.nps.gov/nagpra/INDEX.htm

Also search state site files and online databases/inventories. These may require special permission to access to inquire with your state archaeologist and SHPO offices.

# **Educational Uses of Collections/** Public Archaeology

Iowa Office of the State Archaeologist (Excellent resources for a variety of programming using collections)

https://archaeology.uiowa.edu/education-program

Mississippi Valley Archaeology Center (Good resources for for K-12 education and teacher training) http://mvac.uwlax.edu/educators/ and http://mvac.uwlax.edu/educators/servicesmaterials/#RentInfor

Society for American Archaeology: Public Archaeology (a great portal with many links and lots of information on public archaeology and using collections for outreach) http://www.saa.org/publicftp/public/forArchaeologists/outreach PAis.html

Bibliography of Public Archaeology, Society for Historical Archaeology https://sha.org/assets/documents/research/PublicArchBibliography McDavid.pdf

Community Archaeology Research Institute (CARI) http://www.publicarchaeology.org/CARI/

Co-creation and Public Archaeology

https://www.google.com/amp/s/rcnnolly.wordpress.com/2015/09/28/co-creation-and-publicarchaeology/amp/?client=safari

Blog Post, Florida Archaeology

http://www.flpublicarchaeology.org/blog/blog/2016/06/27/in-plain-sight-state-archaeologicalcollections/

# STEM and STEAM Resources for Archaeological Curriculum

STEM Curriculum Standards: http://www.edweek.org/tm/articles/2014/11/18/ctq-jolly-stem-vs-steam.html

STEM and STEAM: We're Missing the Point (2014) Huffington Post Article <a href="http://www.huffingtonpost.com/vince-bertram/stem-of-steam-were-missin\_b\_5031895.html">http://www.huffingtonpost.com/vince-bertram/stem-of-steam-were-missin\_b\_5031895.html</a>

STEM and STEAM Resources: <u>http://educationcloset.com/steam/steam-resources-for-any-classroom/</u>

Using Archaeology to Integrate STEM National Science Teachers Association March 2014 Issue (Pages 4-5) http://static.nsta.org/pdfs/NSTAReportsMar14EntireIssue.pdf

Iowa Office of the State Archaeologist: STEM Initiatives https://archaeology.uiowa.edu/exploring-iowa-archaeology-k-12-classroom

### Last updated May 2017 **Archaeological Repository Examples**

Alutiq Museum: https://alutiiqmuseum.org/

Bishop Museum (collections access policies): http://www.bishopmuseum.org/archaeologyresearch/

Haffenreffer Museum, Brown University (Rhode Island) https://www.brown.edu/research/facilities/haffenreffer-museum/collections/archaeologicalcollections

History Colorado: http://www.historycolorado.org/researchers/collections

Jefferson Patterson Park and Museum (JJPM) and Maryland Archaeological Conservation (MAC) Lab http://www.jefpat.org/mac\_lab.html and http://www.jefpat.org/NEHWeb/

Logan Museum of Anthropology, Beloit College (Wisconsin): https://www.beloit.edu/logan/

McClung Museum of Natural History and Culture at the University of Tennessee Knoxville (collections overview, access policies) http://mcclungmuseum.utk.edu/collections/archaeology-research-collections/ and http://mcclungmuseum.utk.edu/research/conducting/

Midwest Archaeology Center, NPS:

http://www.nps.gov/mwac/reference materials/curation info/curation info.htm

Minnesota Historical Society (collections access policies) http://www.mnhs.org/ and http://sites.mnhs.org/library/content/archaeology-collection

Museum of Anthropology, Washington State University (collections overview, and access policies)

http://www.archaeology.wsu.edu/archrepository/index.html and http://www.archaeology.wsu.edu/ArchRepository/using.html

### New York State Museum

http://www.nysm.nysed.gov/programs/update-fieldwork-and-collection-based-researchschuyler-flatts-nicoll-sill-house-and-van and http://www.nysm.nysed.gov/research-collections

Peabody Museum of Archaeology and Ethnography: https://www.peabody.harvard.edu/

Utah State University Museum: http://anthropology.usu.edu/museum/

Note: these are just a handful of websites/organizations that can serve as good examples for collections access and use. There are many, many more, but these are good places to start. Browse these websites to get ideas about collections access guidelines, learn about innovative ways to use objects for exhibitions, public outreach, etc.

Last updated May 2017

# Archaeological Conservation in the Field

**Cronyn, J.M. 1990** *Elements of Archaeological Conservation. 3rd ed. Routledge, London.* This book is a comprehensive reference on conservation techniques utilized in the field and laboratory. It is useful for repositories working with conservators or those that have conservators on staff. It is also valuable to both repositories and agencies depositing materials, as it outlines ways in which certain types of artifacts should be transported to the repository, how they should be prepared prior to final curation, and the range of treatments available for artifacts recovered from different burial environments. (http://nautarch.tamu.edu/class/anth605/Readings/Cronyn.pdf)

### Sease, Catherine 1988 A Conservation Manual for the Field Archaeologist

(Archaeological Research Tools Ser., No. 4). Cotsen Institute of Archaeology, UCLA. This book is very practical and parallels Cronyn's book. It provides archaeologists with a general understanding of conservation practices and describes how to safeguard artifacts from the moment they are removed from the ground until they are properly treated by professional conservators in a laboratory setting.

## No-Collection, In-Field Analysis, "Catch and Release" Practices

Disclaimer: Driftless Pathways does not advocate or condone these practices and recognizes the need to develop written standards, and further research the impacts these practices have on the archaeological record. Here is a handful of references that discuss these practices.

Beck, Charlotte and George Jones On-Site Artifact Analysis as an Alternative to Collections. *American Antiquity* 59:304-315 (1994)

Butler, William The No-Collection Strategy in Archaeology. *American Antiquity* 44:795-799. (1979)

Gonzalez, Sara L., Darren Modzelewski, Lee M. Panich, and Tsim D. Schneider Archaeology for the Seventh Generation. *American Indian Quarterly* 30(3):.338–415. (2006)

Heilen, Michael

An Experimental Test of Accuracy and Adequacy of In-Field Artifact Analysis. Technical Report 12-90, Statistical Research, Inc., Tucson, AZ. (2013)

Heilen, Michael, and Jeffrey H. Altschul

The Accuracy and Adequacy of In-Field Artifact Analysis: An Experimental Test at Two Archaeological sites in the Western United States. *Advances in Archaeological Practice* 2:121-138. (2013)

Praetzellis, Adrian. and Julia G. Costello Don't Keep Everything. Historic Artifacts Discard Policy, Society for California Archaeology Newsletter 36(3):30–33. (2002)

"Catch and Release Archaeology": <u>http://www.bldgblog.com/2010/06/catch-and-release-archaeology/</u>

Archaeological Catch and Release: Expanding Data Capture for Non-Collection Survey L.C. Todd and P.C. Burnett www.greybull.org/PlainsCatchandRelease.pdf

# **Community-Based Archaeology**

Lightfoot, Kent G. Collaborative research Programs: Implications for the Practice of North American Archaeology. In Collaborating at the Trowel's Edge: Teaching and Learning in Indigenous Arcaheology, edited by S.W.Silliman, pp. 211-217. Amerind Studies in Archaeology. University of Arizona Press, Tucson. (2008)

Atalay, Sonya *Community-Based Archaeology: Research with, by, and for Indigenous and Local Communities.* University of California Press, Berkley. (2012)

Voss, Barbara L., Anita Wong Kwock, Connie Young Yu, Lillian Gong-Guy, Alida Bray, Megan S. Kane, and Rebecca Allen.

Market Street Chinatown Archaeology Project: ten years of community-based, collaborative research on San Jose's historic Chinese community. *Chinese America: History and Perspectives* pp. 63-75 (2013).

# Funding

Ambassadors Fund for Cultural Preservation https://eca.state.gov/cultural-heritage-center/ambassadors-fund-cultural-preservation

Advisory Council on Historic Preservation (Portal to Federal Grants) <u>http://www.achp.gov/funding-cultural.html</u>

American Alliance of Museums (Excellent Portal for Finding Funding) http://www.aam-us.org/about-us/grants-awards-and-competitions/grants-calendar

American Institute for Conservation (Excellent Portal for Finding Funding) http://www.conservation-us.org/grants/outside-funding-sources#.WKLIWjxOLYU

Archaeological Institute of America <u>https://www.archaeological.org/sitepreservation/outsidefunding</u> and <u>https://www.archaeological.org/grants</u>

BU (Portal for several external funding links) https://www.bu.edu/archaeology/students/graduate-program/funding-employment/

Center for Digital Archaeology (Portal for several funding opportunities) https://www.centerfordigitalarchaeology.org/upcoming-deadlines-for-digital-humanities-grants/

Excellent compilation of funding sources and links, hosted by the University of Wisconsin-Milwaukee: <u>https://uwm.edu/anthropology/graduate/grant-resources/external-grants/</u>

Graduate Student Funding opportunities (scroll down to bottom of page): <a href="https://www.flmnh.ufl.edu/research/students/funding-opportunities/">https://www.flmnh.ufl.edu/research/students/funding-opportunities/</a>

Note: These are examples of funding opportunities and links. I realize that several portals listed here will have links to the same grants in some instances, but I took a more inclusive approach. Use them and apply to your situation/state. For example, search your state's humanities councils and commissions for funding; if you work on a university campus, search your campus website for funding opportunities.

# Funding

Historical Archaeology Funding Sources: http://www.digitalpresence.com/histarch/funding.html

National Center for Preservation Technology and Training: https://www.ncptt.nps.gov/

Ohio Humanities Council: http://www.ohiohumanities.org

Parks Canada, Museum Assistance Program: http://canada.pch.gc.ca/eng/1456325095980

Past Perfect Museum Software (Excellent Portal for Finding Funding): <a href="http://www.museumsoftware.com/grants.html">http://www.museumsoftware.com/grants.html</a>

Pennsylvania Historical and Museums Commission: http://www.phmc.pa.gov/Preservation/Grants-Funding/Pages/Planning-Projects.aspx/

Preservation Directory:

http://www.preservationdirectory.com/PreservationGeneralResources/GrantsFundingSources. aspx

SRI Foundation Dissertation Funding: <u>http://www.srifoundation.org/ed\_opp.html</u>

Sustainable Heritage Network (grant writing tips and links to several funding opportunities): <a href="http://www.sustainableheritagenetwork.org/collection/funding-sources-and-grant-writing">http://www.sustainableheritagenetwork.org/collection/funding-sources-and-grant-writing</a>

Texas Historical Commission (Excellent document overview of grant writing, and several grant sources): http://www.thc.texas.gov/public/upload/preserve/museums/files/Grants Feb 10 2017.pdf

Texas Historical Commission (Links to other funding, but also curation resources, and many other related topics)

http://www.thc.texas.gov/preserve/projects-and-programs/museum-assistance/additionalresources

Washington State, Department of Archaeology and Historic Preservation http://www.dahp.wa.gov/grants

# Funding

#### Internships

Burke Museum Archaeological Collections Research Internship <u>http://www.dahp.wa.gov/blog/2015/04/burke-museum-archaeological-collections-research-fellowship/</u>

Crow Canyon Internships: http://www.crowcanyon.org/index.php/internships

External Links to Several Other Internships, hosted by Wesleyan University: <a href="http://www.wesleyan.edu/archprog/fieldwork/internships.html">http://www.wesleyan.edu/archprog/fieldwork/internships.html</a>

National Museum of the American Indian Internship Program: http://www.nmai.si.edu/connect/internships/

Museum Internships: https://www.looksharp.com/s/museum-internship

San Diego Archaeological Research Center Internships http://www.sandiegoarchaeology.org/images/internships/Archaeological%20Collections%20R esearch%20Internship.pdf

Smithsonian Fellowships and Internships <u>http://www.si.edu/mci/english/professional\_development/fellowships\_internships.html</u> and https://www.smithsonianofi.com/internship-opportunities/

Women in Archaeology Internship Program: <u>http://www.caa-archeology.org/programs/internships/</u>