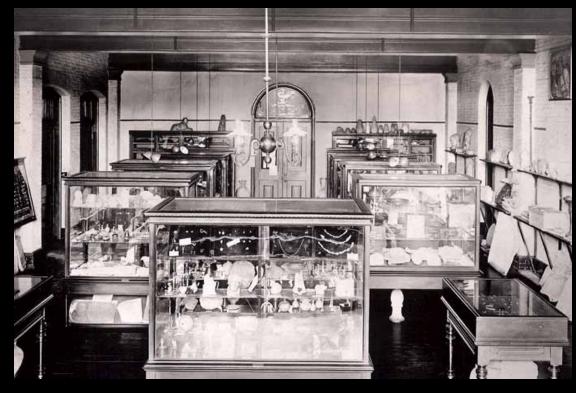
Creating and Implementing Authentic Assignments: Teaching with the "Working Collection" of the Johns Hopkins Archaeological Museum

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The Johns Hopkins Archaeological Museum



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Courses for 1910-11

[632

CLASSICAL ARCHAEOLOGY AND ART

The work in Classical Archaeology and Art is carried on by means of a Seminary, various courses of lectures, conferences with individual students and practical exercises in the museums. The archaeological material in the possession of the university includes good collections of Greek and Roman inscriptions, marbles, bronzes, vases and other terracottas, coins, gems, etc., which not only serve the purpose of illustration, but also form the basis of original investigation. These are supplemented by squeezes, photographs, and lantern slides, as well as by the casts belonging to the university and to the Peabody Institute. The new Walters Gallery, which is not far from the university, contains a very valuable collection of Greek and Roman antiquities.

"...of even greater importance is the smaller working collection of the university, which fulfills in a general way the functions of a scientific laboratory. Nothing has more power to attract and hold the attention of students, to awaken and sustain their enthusiasm than the constant presence of the tangible remains of antiquity, the actual work of Greek and Roman hands. To students who by daily contact have become familiar with these things and understand their significance the men of old are real persons and their classical literature becomes the expression of a real life."

--*The Classical Weekly*, Harry Langford Wilson, 1908

Courses at the Museum: 2010-2016





- <u>231</u> courses (<u>563</u> class meetings) taught in the museum
- <u>>8000</u> student visits to the museum for class
- <u>80%</u> undergraduate courses <u>11%</u> graduate courses; <u>9%</u> combination of undergraduate/graduate, high school or general public courses
- A majority of these courses involve handling and working directly with museum objects
- Courses have involved over thirty departments, programs and educational institutions

Is this a question I am genuinely curious about and don't know the answer to?

series of ten red-figured visco. by well-known wick artest, whitharting was making for the Berlin muceum, but - Emerson for out of pique, because the thuse was making here wait for the money. I am rejociate (secretly) for two super black figured vases signe by Ceaokles Nekostheres and In this way we will have in Baltimore a splendid series of signed vases both of the and red-figuired species



Letter from A.J. Frothingham to JHU President Gilman, May 19,1887 Image courtesy of the Johns Hopkins University Archives Kylix signed by Phintias as painter, ceramic, Greek, 510 BCE, The Johns Hopkins Archaeological Museum http://archaeologicalmuseum.jhu.edu/thecollection/object-stories/attic-red-figure-vases-in-thejohns-hopkins-archaeological-museum/

Is this a question I am genuinely curious about and don't know the answer to?





I knew that it was an experimental archaeology project, but I was not aware of gute hav experimental it was. The idea that our teachers will be learning along with us is both exhilerating and territying. It is so different from these typical college course where the professor is an absolute authority on the subject and is there to pass on their knowledge to their students. Here we will all be learning together, and in an active, rather than a passive way. Thus, my extreme excitement.

Workshop journal entry, Anna Soifer, 1/29/15

Is the question big enough, and are the stakes high?



Is the question big enough, and are the stakes high?

APPEAR







Freshman Seminar on Technical Research

- 2 portraits from the Eton College Myers Collection
 - Engage first year students in original research in an interdisciplinary manner
- Contribute to a scholarly conversation
- Make our findings publically accessible
- Funding support from the Deans Office,Krieger School of Arts and Sciences, JohnsHopkins University

Do I have a physical thing that can be the focus of sustained and weekly examination and research?



"Fayum 4 Life"



COURSE DESCRIPTION:

This hands-on course in "experiential archaeology" brings together undergraduate students across disciplines to study the making of Athenian vases. Students work closely with expert ceramic artists, and in consultation with art historians, archaeologists, art conservators, and materials scientists to attempt to recreate ancient Greek manufacturing processes.

We will be apprentices to both contemporary and ancient potters over the next 13 weeks. The focus of this course is on the physical experience and process of recreating ancient Greek red figure vessels. We are extremely fortunate to have access to the Archaeological Museum's rich holdings in red-figure vases, and we will consult them regularly in our recreation process. Our aim is to take seriously the physicality of these ancient objects, while also trying to understand something of their original contexts and material characteristics.

- "Recreate" a Greek kylix or cup by apprenticing to a master potter
- Examine objects in the museum's collection for guidance and questions
- Consult with specialists
- Document—through writing, photography and film—the process
- Share observations and reflections with a broad audience

http://archaeologicalmuseum.jhu.edu/the-collection/object-stories/recreatingancient-greek-ceramics/syllabus/

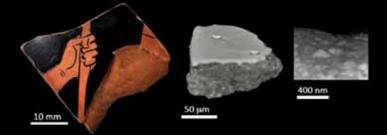
What kind of expertise is needed and who has it and will help?



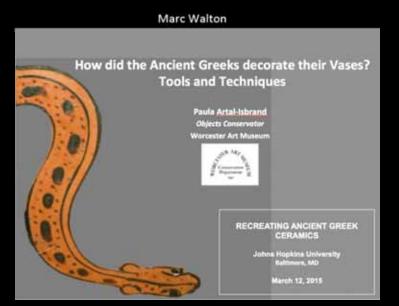
The Athenian Pottery Project at the Getty: a scientific approach for the study of Greek ceramics

I. Cianchetta, K. Trentelman, J. Maish, D. Saunders, M. S. Walton, B. Foran, A. Mehta

The Archaeology of Innovation



Understanding Technological Change Through Analysis of Athenian Pottery



Clockwise from top left: Alan Shapiro, Department of Classics; Online chats with Marc Walton, Northwestern University/Art Institute of Chicago; Paula Artal-Isbrand, Worcester Art Museum; Ilaria Cianchetta, Getty Conservation Institute; Kilnside chat with John Wissinger, potter and kiln builder

Is my class of students disciplinarily diverse?

Johns Hopkins students recreate an iconic ancient Greek kylix

Mary Zajac / 🛈 May 7, 2015

Posted in Politics+Society, Student Life, Arts+Culture Tagged archaeological museum, pottery, program in museums and society



IMAGE: COURTESY OF THE JOHNS HOPKINS ARCHAEOLOGICAL MUSEUM

Student Participants: Lauren Aldoroty Madelena Brancati Hana Chop Dane Clark Savannah de Montesquiou Ashley Fallon Haley Huang Kelly McBride Gianna Puzzo Travis Schmauss Anna Soifer Elizabeth Winkelhoff

<u>Teaching Participants:</u> Sanchita Balachandran, Matthew Hyleck, Camila Ascher, Ross Brendle

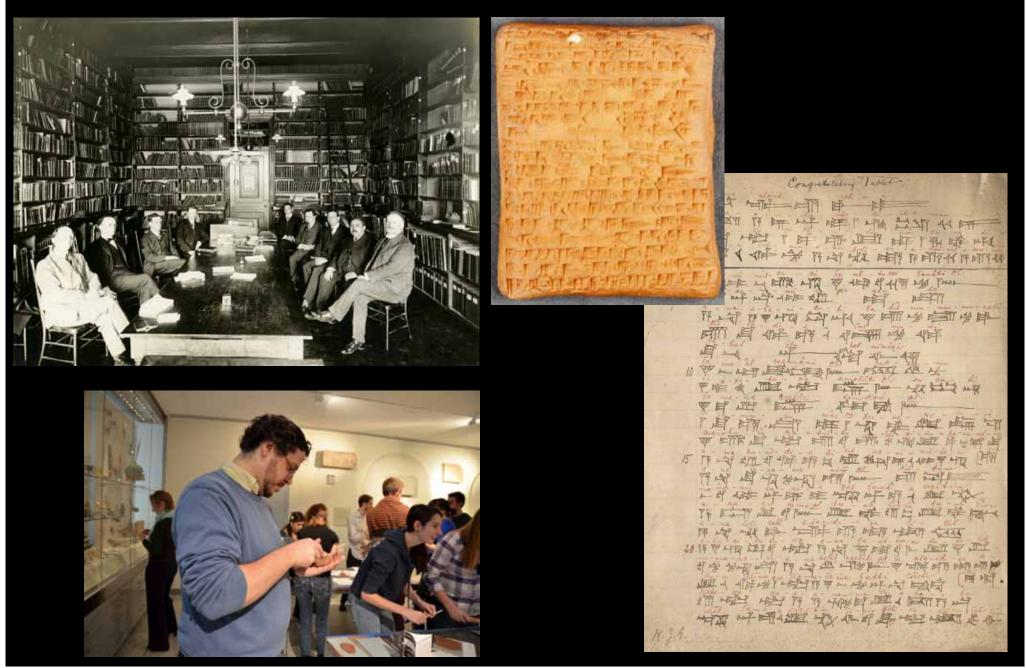
http://hub.jhu.edu/2015/05/07/recreating-ancient-greek-ceramics





Building the Kiln, "Mysteries of the Kylix" (2015)

Is the class work challenging and is there a hands on component?



Is the class work challenging and is there a hands on component?





Pigments prepared by Brian Baade and Kristin DeGhetaldi; wood recommendations by Marijn Manuels



Is there an enduring "deliverable" or a regular public component to the class?

- >12,300 page views of student blog during semester
- >20,000 "people reached" on Facebook
- ~4000 film views (and on view at the Museum of Antiquities, NSW, Australia, and the Worcester Art Museum)
- 3 radio spots on WYPR (Baltimore's NPR station) with listenership of 13,000
- Exposure through Archaeology Magazine's website and social media, Johns Hopkins publications, and the Baltimore Sun newspaper



str Like Page

Students at Johns Hopkins University have re-created the iconic red-figure pottery drinking bowls that were made in ancient Greece between the 6th and 4th centuries B.C.

archaeology.org/news/3784-151007-mysteries-of-the-kylix

(Courtesy Johns Hopkins University)



Mysteries of the Kylix Recreating Ancient Greek Ceramics

https://vimeo.com/140393971

Do I see my students as collaborators?







- Fellow Makers: Matthew Hyleck, Patricia McGuiggan, Ross Brendle, Cami Ascher, Anastassia Solovieva, Karun Pandian
- Funding: Getty Conservation Institute; Elizabeth Rodini, Program in Museums and Society, Johns Hopkins University and The Andrew W. Mellon Foundation; Denis Wirtz, The Office of the Provost, Johns Hopkins University and the Discovery Grant Award; Mary Louise Healey, Sue Porterfield
- Students: Lauren Aldoroty, Madalena Brancati, Dane Clark, Hana Chop, Streit Cunningham, Savannah de Montesquiou, Ashley Fallon, Haley Huang, Evan Krumheuer, Kelly McBride, Gianna Puzzo, Travis Schmauss, Anna Soifer, Elizabeth Winkelhoff, Arthur Zhang
- 2015 Course Speakers, advisors, collaborators, colleagues: Eleni Aloupi-Siotis, Paula Artal-Isbrand, Betsy Bryan, Joe Campbell, Artemi Chaviari, Ilaria Cianchetta, Sylvie Dumont, Laura Garofalo, Eleni Hasaki, Glenda Hogan, Robert Holmes, Dennis Leikam, Lisa Kahn, Will Kirk, Takis Karkanas, Jeffrey Maish, John Papadopoulos, Emilio Rodriguez-Alvarez, Guy Sanders, Philip Sapirstein, David Saunders, Alan Shapiro, Janet Stephens, Karen Trentelman, Jay Van Renssalaer, Marc Walton, Vonnie Wild, John Wissinger
- Filmmakers: Bernadette Wegenstein, Allen Moore, Maxwell Anderson, Daniela Mileykova, Daniel Contaldo
- Getty Conservation Institute: Reem Baroody, Dave Carson, Kathy Dardes, Anna Duer, Hanna Hoelling, Tom Learner, Gary Mattison, Nicole Onishi, Annabelle Sbarbatti, David Schow
- Museum of Fine Arts Boston: Jessie Arista, Christine Kondoleon, Phoebe Segal; Harvard Art Museums: Francesca Bewer, Amy Brauer, Angela Chang, Tony Siegel; Toledo Museum of Art: Suzanne Hargrove, Adam Levine, Scott Boberg, Kelly McGilvery; Emory University: Julianne Cheng
- Good folks: Diane Fullick, Anand and Uma Pandian, Lalitha and Ganesh Pandian, Devi and KB Nair

Am I ready not be in control of what we find out? \checkmark

Johns Hopkins Discovery Awardees



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Unlocking the mysteries of classical Greek pottery •











New Light on Ancient Faces

Undergraduate Students at Johns Hopkins University Study Roman Egyptian Mummy Portraits - Spechitz Ratachandrum, The Johns Heaking Archaeutopical Museum

even first-year splege students. Project, Developed by Mare Svoboda Ε spent the fall of 2015 examining of the J. Paul Cetty Museum, the APtwo Roman Egyptian munimy portialts . PEAR database facilitates the sharing on loan to the Johns Hopkins Archaeo- of technical sesanth on these posinstead Museum from the First College train, between schollers in institutions. Myers Collection in Windson UK. As par- across the globe, with the hope that Sarichita Balachandran, the museum's

ticipants in a course on the technical a materials based approach to these study of archaeological objects led by objects may provide new insights into their production and use. The students curatox/conservator, the students uti- learned the historical and archaeologiford non-destructive imaging and ana- call contexts for marring portraits in lytical techniques to generate data for concert with techniques that literally the Wholens Panel Paintings: Examina I let them see the paintings through diftion Analysis and Research' (APPEAR) Intern Intraes, Streeomicroscopy, eradi-

ECM 2149. Portrait of a Man. 214 century CE. Etch College Myers Collection. The portrait in normal light, ubraviolet light luminescence, and visible infrared luminesonal image courtesy of the Provast of Vellows of Elan College and the Johns Hipkins Archoeological Museum



ECM J1Stl. Portrait of a Young Man. 21 century CT. Bon College Myers Collection. The portrait in normal light, as an x-log, and as seen using reflectance transformation imaging, image country of The Provoit of Fellows of Eton College and the Johns Neplans Antherstopical Manual



soriphi, multispectral imaging (MSI). reflectance transformation imaging (HT) and kitay fluorescence (XRF) were used to investigate the artists who had left their marks on these sum them.

K-tays showed that the portraits' lead white-based gray backgrounds and garments were rather generic and cre ated with minimal brushwork, possibly by apprentices. Using RTI to see surface textures, the personality of the matter maintee her and whithis in the beauty trushstrokes of ECM 2149. By contrast. ECM 2150's painter made sculptural une of a spatula-like tool to model the sides of the face. The subtlety of paint mixtures emerged using MSI. In ubraviolet kant induced luminescence matchet lake appress as a red undertone in the nose liss and behind the evelids of ICM 3149. In visible induced infrared luminestence. Egyptian blue's distinctive sparice proved that it was mixed with lead white to create the gray background of ICM 2149. Curiously, the parties of ECM 2150 did not use Ecup tian blue for their gray background, but show indigo instead. The most useful results came from combining lechriques, when a rays revealed a ghostly kist gold weath that since adorned the hav of ECM 2155, stereomicroscopy helped us discover dokt facks in that area, and XVF analyses confirmed the presence of elemental gold.

Judients chared their discoveries in biog-posts on the museums website, a resource that has had over 3,000 page views. This project was supported by the Dearth Office of the Krieger School of Arts and Sciences, Johns Hopkins Limiversity; #

> Johns Hopkins Archeeological Muneur

Authentic Assignment Checklist

Is this a question I am genuinely curious about and don't know the answer to?

- Is the question big enough, and are the stakes high?
- Do I have a physical thing that can be the focus of sustained and weekly examination and research?
- What methodology am I trying to teach?
- What kind of expertise is needed and who has it and will help?
 Is my class of students disciplinarily diverse?
- Is the class work challenging and is there a hands on component?
- Is there an enduring "deliverable" or a regular public component to the class?
- Do I see my students as collaborators?
- Am I ready not be in control of what we find out?

But What Did Students Learn Through That Assignment?

- Everything is more complicated than we think and merits repeated examination/re-examination
- Our work in the classroom produces unique specialized knowledge
- We can participate in and contribute to scholarly conversations
- We should broaden our own knowledge base and collaborate beyond our usual networks
- We must provide access to the knowledge we produce
- The process of trying to answer a question is more important than answering the question—and will lead to more interesting questions
- We can/must ask more daring questions