

Ancient Technology on Picnic Point

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Summer 2011
kiln firing

Special thanks to the UW Anthropology, Arboretum Committee, Campus Natural Area Committee, Lakeshore Preserve staff, particularly Cathie Bruner, Bill Barker and everyone else who makes this class possible

Anthro 352: Ancient Technology and Invention was first taught in 1988 and the area that is currently used for teaching the class was approved by the **Arboretum Committee**.



Five different kilns and a forge were built in 2003

A total of 310 students have taken this class since 1988

**66 (21%) graduate students
244 (79%) undergraduates,
including returning adults**



**Eric Godsman and Irene Nakai with
painted and blackened pottery**

**Graduate student Brad Chase
learning to spin from Karen
Leder in 2001.**



Making stone and using tools as part of the lithics lab in 2003. Students also record and draw the tools that they make.



Received the 1990 N. American Assoc. of Summer Sessions, Creative and Innovative Merit Award

Mixing local clay with straw, sand and manure



Building a large terracotta horse sculpture in 2001



Kenoyer demonstrating wire sawing technique using abrasives and a wire saw, 2011



Sam chipping slate to make and ulu

Loading and building the pit and updraft kilns in 2005



Laying the base of the glass furnace



**Firing the updraft kiln
and a smaller pit kiln in
summer 2003**



**Pit kiln after cooling with
pottery still inside**





**Unloading the
updraft kiln in 2006**

**Professor Bruce Breckenridge
chopping wood for the kiln firing**



**Ash glazed
pottery drum**



**Firing the Japanese Anagama
Kiln with students from the Art
Ceramics department in 2003**



Iron smelting with Rick Furrer and visiting blacksmith. A small bloom was produced that could be forged into iron.



Heather O'Conner making shell inlay



Christina Cappy making Agave fibers for a hammock, 2011

Folding and welding steel using traditional raw materials and a Japanese bellow.

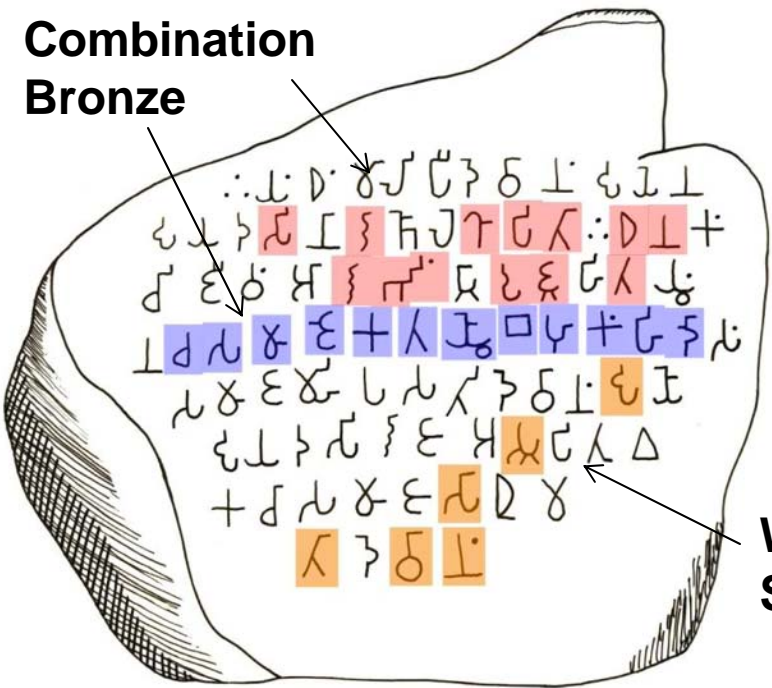


Summer 2006

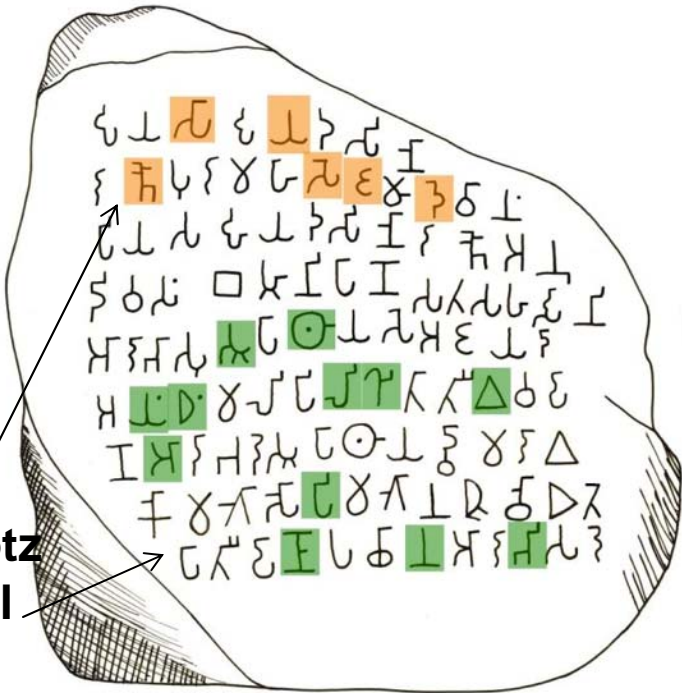
Heather Walder carving a replica of a 3rd Century BC Ashokan inscription using different types of chisels



**Combination
Bronze**



**Wootz
Steel**

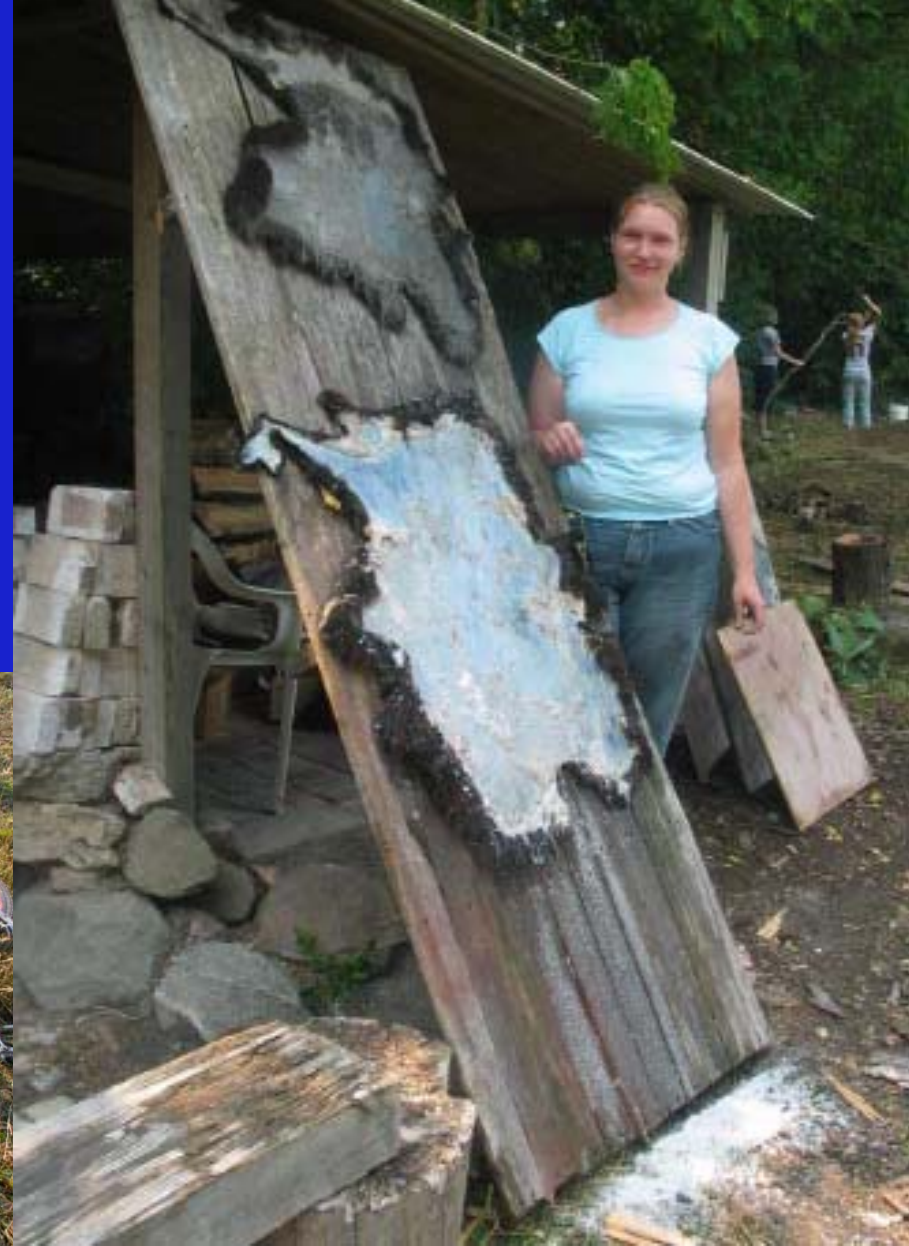


Bronze casting is usually done at my house rather than at the outdoor lab, because of the many additional tools needed.



Salt curing of hides

Sarah Enameling experiment in 2007





**Sarah and Michael and
the Sweat lodge
experiment, 2007**

Undergrad Geoffrey Ludvick with his poster at the Capitol Rotunda, Spring 2011



Cultural Heritage Workshop participants from Pakistan visiting the site in August 2011