

Join us **Sat April 26** at Wesleyan University for...

BRONZE DAY

A day of demos, talks, and fiery fun

Celebrating bronze through material science, experimental archaeology, & modern applications in the arts & sciences.

free and open to the public



Scan for info, maps & registration (it's free!)



8:15-9:15 Registration & Passport Pickup
Pick up a passport for the Arm-your-Warrior **STAMP RALLY!** Collect stamps in Linear B (Bronze Age Greek).
Exley Science Center Lobby

9-9:15 Gallery Talk
Bronze Currency in Wesleyan Collections
Join Prof. Chris Parslow of Wesleyan Classics Dept, to explore a collection of Roman bronze coins from Wesleyan's Archaeology and Anthropology Collection.
Olin Library, 1st floor

9:30-9:45 Gallery Talk
Minerals, Mining, and Copper Metallurgy
Join Prof. Joop Varekamp of Earth & Environmental Sciences to learn about how copper was used by Indigenous communities in the U.S. and see amazing minerals from the Joe Webb Peoples Museum.
Exley Science Center 416, 4th floor

9:45-10:45 Documentary and Q&A
Copper, Tin, & Fire: the Sound of Bronze
Join director, writer, producer, and Wes alum Sam Quigley for a screening of his 1989 documentary *Copper, Tin & Fire: Gongsmithing in Java*, about the work of master gamelan builder Tentrem Sarwanto.
Public Affairs Center 100

10 – 10:45 Demo and Talk
Archaeological Metals & their Analysis
What do metals look like when archaeologists discover them? How do we analyze them? Join Profs. Wendi Field Murray and Jayson Gill (WAAC, Wes Archaeology), to see how to use pXRF to determine whether swords are bronze and gold is 'real'!
Woodhead Lounge, Exley 184, 1st floor

10-10:45 & 11-11:45 Demo and Talk
Modern Bronze: New Approaches with Alloys in Modern Metallurgy
We are still using bronze in applications at the cutting edge of manufacturing technologies. Join Prof. Elizabeth Chang-Davidson (CoDES) to check out modern bronze alloys. Max 10 people/session.
Exley Basement, Lab 50

1:15-2:15 Keynote Lecture and Demo
“Birth of the Sword to the Trojan War: How Bronzeworkers in the Aegean perfected the first metal combat blades”
Archaeologist Dr. Barry Molloy (U.C. Dublin) draws on archaeology, experimentation, literary and artistic data to trace the development of weapon design, craftsmanship, and use of the weapons by warriors in the ancient Mediterranean. Then join him on Andrus field after for a demonstration.
Public Affairs Center 100

2:30-3:15 Get Hands-On!
Gamelan “Petting Zoo”
Join Profs. Sumarsan and Harjito (Dept of Music) and Wes students to learn how to play a Javanese gamelan. No musical experience necessary!
World Music Hall

Exploring Bronze Objects
Join Dr. Molloy in the bronze-casting tent for a demo of how Bronze Age weapons were used by warriors in the ancient Mediterranean. Check out a display of these replicas alongside Scythian arrowheads, lunate spears, and more.
Andrus field, Usdan side

3:15-4 Bronze Casting Demo
How were the weapons of the Mediterranean Bronze actually made? Join bladesmiths Richard Griffin (Griffin metalworks) and Matt Berry (Hopkins Forge) to cast replicas of Minoan and Mycenaean swords designed 2,500 years ago.
Andrus field, Usdan side

4pm Iron Smelt and Bloom Hammering
Led by swordsmith Emiliano Carrillo (Sun and Stars Forge), Wes students and faculty will be smelting iron from local iron-rich sands in a hand-constructed forge. Stop by throughout the day, and join us at 4pm for the bloom release and discussion of smelting technologies.
Andrus field, Usdan side