

Alan F. Lee

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Department of Anthropology, Social Science Bldg.

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Academic Employment

Spring 2022 Teaching Assistant for General Chemistry II
Fall 2021 Teaching Assistant for Principles of Biological Anthropology, Anthropology 105
Spring 2021 Teaching Assistant for Principles of Archaeology, Anthropology 212
Fall 2020 Teaching Assistant for Principles of Archaeology, Anthropology 212
Spring 2020 Teaching Assistant for Principles of Archaeology, Anthropology 212
Fall 2019 Teaching Assistant for Principles of Archaeology, Anthropology 212
Summer 2018 Teaching Assistant for Technology and Invention, Anthropology 352
Summer 2017 Teaching Assistant for Technology and Invention, Anthropology 352
Spring 2017 Teaching Assistant for General Chemistry II
Fall 2016 Teaching Assistant for General Chemistry I
Spring 2016 Teaching Assistant for General Chemistry II
Fall 2015 Teaching Assistant for General Chemistry I
Summer 2015 Teaching Assistant Fundamentals of Laboratory Chemistry
Spring 2015 Teaching Assistant in General Chemistry I.
Fall 2014 Teaching Assistant in Honors General Chemistry

Research Specialization

Early Iron Metallurgy of Pakistan and Peninsular India. Technology, Tradition, Production and Social Value. Experimental Archaeology. Archaeometallurgy

Languages: English, Urdu (learning), Pashto (learning)

Academic Background

2020 PhD Dissertator, University of Wisconsin, Madison, Dept. of Anthropology
2016-2020 PhD Candidate, University of Wisconsin, Madison, Dept. of Anthropology.
2018 M.S. Anthropology, University of Wisconsin, Madison, Dept. of Anthropology
2016 M.S. Chemistry, University of Wisconsin, Madison, Dept. of Chemistry
2014 B.S. Chemistry, Birmingham Southern College

Honors and Awards

2022 K.N. Dikshit Memorial Fellowship
2020 Exceptional Service Award - Campus-wide Teaching Assistant Award
2020 Honored Instructor Award, Anthropology, University of Wisconsin
2019 K.N. Dikshit Memorial Fellowship
2019 The Center for South Asia Travel Award
2019 AIPS 2019 Short-term Research Grants to Pakistan
2018 FLAS Fellowship for the 2018-19 Year
2018 K. N. Dikshit Memorial Fellowship
2017 FLAS Fellowship for the 2017-18 Year
2017 K. N. Dikshit Memorial Fellowship

- 2017 The Center for South Asia Travel Award
- 2014 Honored Instructor Award, Chemistry, University of Wisconsin
- 2014 Elected Member, Phi Beta Kappa
- 2014 Award for Excellence in Inorganic Chemistry, Birmingham Southern College

Fieldwork and Projects

- 2019 Classified excavation in Belgium near the Bastogne area in conjunction with the MIARIP team, The Biotechnology Center at UW-Madison, and the DPAA, June – July 2019.
- 2018 Excavations at HD1, Ras al-Hadd, Oman, in collaboration with Prof. M. Cattani, University of Bologna, Joint Hadd Project, Dec 2018 - Jan. 2019.
- 2017 International Workshop on Indus and Early Historic Craft Technology with Dr. Mark Kenoyer, in collaboration with Dr. Rajesh S. V., Department of Archaeology, Kerala University, Kariavattom Campus, Thiruvananthapuram, Kerala, India, Aug 22-30, 2017
- 2017 Research on Iron Smelting Technology with Dr. Mark Kenoyer and Dr. Sharada Srinivasan, National Institute for Advanced Studies, Bengaluru, India, Aug 15-21, 2017
- 2017 (Ongoing) A Physical and Chemical Study on the Bamala Stupa Iron Nails in Conjunction with the Peshawar National Museum, Hazara University Department of Archaeology, Dr. Abdul Samad, and Dr. Abdul Hameed, and with UW Materials Science Dr. John Perepezko and Matt Taylor, and with UW Chemistry Darren Demmapan.
- 2017 Iron Smelting Workshop with Taxila Institute for Asian Studies Quaid-i-Azam faculty and students with Dr. Mark Kenoyer May 31st- June 2nd, 2017
- 2017 Iron Smelting Workshop Peshawar Musuem with Dr. Mark Kenoyer May 22nd-25th, 2017.
- 2017 International Workshop with Dr. Mark Kenoyer on “Experimental Archaeology and Technologies” at Hazara University in Mansehra, Pakistan from May 15th – 17th, 2017. Copper and Iron Smelting.
- 2016 Novel Experimental Crucible Steel Production using Hunza River Sand with Wisconsin Blacksmith Ric Furrer and Dr. Kyle Metzloff of UW-Platteville July 16th-July 29th, 2016

Conferences

- 2022 “Early Historic South Asia Blacksmiths and the Construction and Upkeep of Buddhist Stupas at Bhamala and Badalpur (300 BCE –500 CE): An Historical Approach” at 14th Annual Workshop on South Asian Archaeology (March 4-6, 2022).
- 2021 “Connecting Form and Function with Material Analysis of Iron Artifacts from Bhamala Stupa, Pakistan (250-500 AD)” at 13th Annual Workshop on South Asian Archaeology (April 24th -25th, 2021).
- 2021 “Advancements in the Experimental Study of Iron Microstructures in Northwestern South Asian Archaeometallurgy.” at 49th Annual International Conference on South Asia.
- 2021 Panel Organizer and Chair of “Recent Analytical Developments in the Archaeology of South Asia” at 49th Annual International Conference on South Asia.

- 2021 “An Overview of Iron Technology in Proto-historic and Early Historic Northwestern South Asia (1500 BCE – 500 CE)” at the Iron Age in South Asia Webinar at the University of Kerala, India (March 1st-4th).
- 2019 “Connecting Form and Function with Material Analysis of Iron Artifacts from Bhamala Stupa, Pakistan (250-500 AD)” at 48th Annual International Conference on South Asia
- 2018 “Metallographic Analysis of Iron Samples from Bhamala Stupa” at 47th Annual International Conference on South Asia.
- 2018 Panel Organizer and Panel Chair. “Recent Archaeological Advances in Ceramic, Copper/Bronze, and Iron Technologies of Ancient South Asia” for the 47th Annual International Conference on South Asia
- 2018 Poster on “Metallographic Analysis of Iron Samples from Bhamala Stupa” –at European Association for South Asian Archaeology and Art (EASAA 2018)
- 2017 Panel Organizer. “South Asian Lithic and Metal Technologies Archaeological, Ethnographic, and Experimental Approaches” for the 46th Annual Conference on South Asia.
- 2017 “Iron Technology in Ancient South Asia: A Perspective from the Agaria of Central India.” at the 46th Annual International Conference on South Asia.
- 2017 “Crucible Steel Production: An Experimental Study of Crucible Composition and Structure” at Red Sea VIII: Coveted Treasure - The Economy Natural Resources: Extraction, Processing, and Trade.

Guest Lectures

- 2017 Lecture 7) “History of South Asian Iron and Crucible Steel”.in the International Workshop on Arts and Crafts of the Indus Civilization and Early Historic South Asia, Department of Archaeology, University of Kerala. August 27th, 2017.
- 2017 “History of South Asian Iron” at National Institute of Advanced Studies in Bengaluru India August 19th.

Public Outreach

- 2022 Volunteer Archaeologist at University of Wisconsin – Waukesha’s Public Archaeology Day at the UWM-Waukesha Field Station
- 2022 Coordinator for University of Wisconsin – MIARIP Team and Project Recover Symposium for the Screening of Documentary Film – Too What Remains, held at the Union Marquee Cinema at UW-Madison.
- 2019 Graduate Student Speaker for the MIARIP Team - Veteran’s Day Memorial Service and Panel – November 11th
- 2019 Graduate Student Speaker for the MIARIP Team – National POW/MIA Recognition Day at Veteran’s Museum in Madison, WI. – September 20th
- 2019 University of Wisconsin - MIARIP Team Representative at MIARIP Open House September 19th