DAVID A. REID

University of Illinois at Chicago Behavioral Sciences Building Rm. 2102, 1007 West Harrison Street Chicago, Illinois 60607-7139

dreid5@uic.edu • google-scholar profile • website

EDUCATION

2020	Ph.D. Anthropology - University of Illinois at Chicago <u>Dissertation</u> : Networks of Empire: The Role of Infrastructure in Wari State Expansion in Arequipa, Peru (AD 600-1000)
2014	M.A. Anthropology - University of Illinois at Chicago
2007	B.A. Anthropology - University of Maine

PROFESSIONAL APPOINTMENTS

2024-present	Visiting Research Assistant Professor. Center for the Recovery and Identification of the Missing, University of Illinois at Chicago.
2024-present	Adjunct Professor. Department of Anthropology, University of Illinois at Chicago.
2021-present	Research Associate. Negaunee Integrative Research Center, The Field Museum of Natural History.
2022-2024	Limited-Term Lecturer. Department of Anthropology, Purdue University.
2021-2023	Postdoctoral Research Associate. Department of Anthropology, University of Illinois at Chicago.
2018-2019	Armour Graduate Fellow. The Field Museum of Natural History.

RESEARCH INTERESTS

Anthropological Archaeology; Human-Environment Entanglements; Landscape Archaeology; Spatial Analysis & Remote Sensing; Mobilities & Infrastructure; Colonialism; Political Economy; Archaeometry; Andean Archaeology.

PEER REVIEWED JOURNAL ARTICLES

- 2024 **Reid, D.A.**, P.R. Williams, A. Cardona Rosas, R. Coleman Goldstein, L. Dussubieux, C. Banikazemi, and K. Rademaker
 Obsidian Procurement and Exchange at the Apogee of Empire: Wari Political Economy in Arequipa, Peru. Latin American Antiquity. https://doi.org/10.1017/laq.2023.68
- Williams, P.R., D.A. Reid, and M.E. Grávalos, E. Marsh, V. Bélisle, C. Conlee, S. Kerchusky, and G. McEwan
 Wari Influence Across the Andes: Reviewing the Radiocarbon Evidence. Special Issue of *Quaternary International* 703(1):49-66. https://doi.org/10.1016/j.quaint.2024.04.007
- 2023 **Reid, D.A.**
 - The Role of Temple Institutions in Wari Imperial Expansion at Pakaytambo, Peru. *Journal of Anthropological Archaeology* 69: 101485. https://doi.org/10.1016/j.jaa.2023.101485
- 2023 Grávalos, M.E., **D.A. Reid**, D.J. Nash, and P.R. Williams

- Crafting Cosmopolitanism: Ceramic Production and Exchange during Wari Imperialism (600-1000 CE). *Journal of Archaeological Science*: Reports 50: 103878. https://doi.org/10.1016/j.jasrep.2023.103878
- 2022 **Reid, D.A.**, P.S. Goldstein, and P.R. Williams
 P-XRF Compositional Analysis of Obsidian from the Middle Moquegua Valley, Peru:
 Interaction on the Tiwanaku and Wari Frontier. *Journal of Archaeological Science*: Reports 46:
 103701. https://doi.org/10.1016/j.jasrep.2022.103701
- 2021 Rademaker, K., M.D. Glascock, **D.A. Reid**, E. Zuñiga, and G.R.M. Bromley Comprehensive Mapping and Characterization of the Alca Obsidian Source, Peru by Neutron Activation Analysis and X-Ray Fluorescence. *Quaternary International* 619:56-71. https://doi.org/10.1016/j.quaint.2021.11.029
- 2020 Bélisle, V., H. Quispe Bustamante, T.J. Hardy, A.R. Davis, E. Antezana Condorie, C. Delgado González, J. Gonzales Avendaño, D.A. Reid, P.R. Williams Wari impact on regional trade networks: Patterns of obsidian exchange in Cusco, Peru. *Journal of Archaeological Science: Reports* 32:1-10. https://doi.org/10.1016/j.jasrep.2020.102439
- 2016 Sandweiss, D.H. and **D.A. Reid**Negotiated Subjugation: Maritime Trade and the Incorporation of Chincha into the Inca
 Empire. *Journal of Island and Coastal Archaeology* 11(3):311-325.
 https://doi.org/10.1080/15564894.2015.1105885
- 2016 Rademaker, K., G. Hodgins, K. Moore, S. Zarrillo, C. Miller, G.R.M. Bromley, P. Leach, D.A. Reid, W. Yépez–Álvarez, and D.H. Sandweiss Response to Capriles et al.: Chronology and function of Cuncaicha rockshelter, a key site for understanding colonization of the high Andes. *Current Anthropology* 57(1):101-103. https://doi.org/10.1086/684826
- 2014 Rademaker, K., G. Hodgins, K. Moore, S. Zarrillo, C. Miller, G.R.M. Bromley, P. Leach, D.A. Reid, W. Yépez–Álvarez, and D.H. Sandweiss Paleoindian Settlement of the High-Altitude Peruvian Andes. *Science* 346(6208): 466-469. https://doi.org/10.1126/science.1258260
- 2010 Sandweiss, D.H., A.R. Kelley, D.F. Belknap, J.T. Kelley, K. Rademaker, and **D.A. Reid** GPR Identification of an Early Monument at Los Morteros in the Peruvian Coastal Desert. *Quaternary Research* 73: 439-448. https://doi.org/10.1016/j.ygres.2010.03.002

PEER REVIEWED BOOK CHAPTERS

- Submitted **Reid, D.A.**, P.R. Williams, N. Tripcevich, and K. Rademaker
 Moving Stone: The Obsidian and Fine Grained Volcanic Geologic Collections from Andean
 South America. In *The 20th Anniversary of the Elemental Analysis Facility at The Field Museum of*Natural History, Chicago, edited by L. Dussubieux, P.R. Williams, and L. Niziolek. Oxford,
 UK, BAR Publishing.
- 2023 **Reid, D.A.**, B.S. Bauer, J. Fonseca Santa Cruz, and J.C. Sierra Palomino
 Los objetos de bronce del sitio Wari de Espíritu Pampa. In *El señor de Vilcabamba y el enclave*Wari de Espíritu Pampa, edited by J. Fonseca Santa Cruz and B.S. Bauer. Cusco, Peru, Centro
 de Estudios Regionales Andinos Bartolomé de Las Casas.
- 2023 Bauer, B.S., J. Fonseca Santa Cruz, **D.A. Reid**, and J.C. Sierra Palomino

- Los objetos de oro y plata de Sitio Espíritu Pampa y de otros sitios en el territorio Wari. En *El Señor de Vilcabamba y el Enclave Wari de Espíritu Pampa*, edited by J. Fonseca Santa Cruz and B.S. Bauer. Cusco, Peru, Centro de Estudios Regionales Andinos Bartolomé de Las Casas.
- 2022 **Reid, D.A.**, P.R. Williams, K. Rademaker, N. Tripcevich, and M.D. Glascock The Characterization of Small Obsidian Debitage Using P-XRF: A Case Study from Arequipa, Peru. In *Obsidian Across the Americas: Compositional Studies Conducted in the Elemental Analysis Facility at the Field Museum of Natural History*, edited by D. Riebe and G. Feinman, pp. 124-147. Oxford, Archaeopress.
- Williams, P.R., **D.A. Reid**, D. Nash, S. Chacaltana, K. Costion, P. Goldstein, N. Sharratt. Obsidian Utilization in the Moquegua Valley through the Millennia. In *Obsidian Across the Americas: Compositional Studies Conducted in the Elemental Analysis Facility at the Field Museum of Natural History*, edited by D. Riebe and G. Feinman, pp. 148-161. Oxford, Archaeopress.
- 2021 Jennings, J. and D.A. Reid Wari in Arequipa. In *Quilcapampa: A Wari Enclave in Southern Peru*. Edited by J. Jennings, W.A. Yepez, and S. Bautista, pp. 54-85. Gainesville, University Press of Florida.
- 2020 Reid, D.A., B.S. Bauer, J. Fonseca Santa Cruz, and J.C. Sierra Palomino The Bronze Objects from the Wari Site of Espíritu Pampa. In *The Wari Enclave of Espíritu Pampa*, edited by J. Fonseca Santa Cruz and B.S. Bauer, pp.143-158. Los Angeles, Cotsen Institute of Archaeology Press.
- 2020 Bauer, B.S., J. Fonseca Santa Cruz, **D.A. Reid**, and J.C. Sierra Palomino Gold and Silver Objects from the Site of Espíritu Pampa and Elsewhere in the Wari Realm. In *The Lord of Vilcabamba and the Wari Enclave of Espíritu Pampa*, edited by J. Fonseca Santa Cruz and B.S. Bauer, pp. 159-190. Los Angeles, Cotsen Institute of Archaeology Press.
- 2015 Bauer, B.S. and **D.A. Reid**The Situa Ritual of the Inca: Metaphor and Performance of the State. In *Perspectives on the Inca*, M. Barnes, I. de Castro, J. Flores Espinoza, D. Kurella, and K. Noack (eds.), pp. 104-123. Stuttgart, Linden-Museum: Sonderband/Tribus.
- 2012 Rademaker, K., **D.A. Reid**, and G.R.M. Bromley
 Connecting the Dots: Least-Cost Path Modeling, Paleogeography, and the Search for
 Paleoindian Sites in Southern Highland Peru. In *Least Cost Analysis of Social Landscapes:*Archaeological Case Studies for Beginners and Experts Alike, White, D.A. and S.L. Surface-Evans
 (eds.), pp. 32-45. Salt Lake City, University of Utah Press.

EXTERNAL AWARDS AND FUNDING

- 2018 **National Science Foundation (NSF)**: Doctoral Dissertation Research Improvement Award (#1854651). "Roads, Caravans, and Waystations: The Role of Infrastructure in Wari State Expansion (Arequipa, Peru)" (\$16,674)
- 2018 American Philosophical Society: Lewis and Clark Field Scholar. "Exploration of Desert Roads and Prehistoric Waystations: Mapping Wari State Expansion in the Majes-Ocoña Valleys, Southern Peru (AD 600-1000)" (\$4,200)
- 2016 **The Wenner-Gren Foundation for Anthropological Research**: Dissertation Fieldwork Grant: "Roads, Waystations, and Llama Caravans: The Political-Economy of Wari State Expansion in Southern Peru." (\$20,000)

2015 **Sigma Xi**: Grants in Aid of Research Award. "The Callanga Site: Dating a Prehistoric City in the Southern Andes." (\$700)

2014 **National Science Foundation (NSF)**: Graduate Research Fellowship Program: Honorable Mention. "Camelid Domestication in the South-Central Andes: New Proxies and Considerations."

INTERNAL AWARDS AND FUNDING

2023	Purdue University: Award Nomination - Most Distinguished Faculty for Academics
2022, 2023	University of Illinois at Chicago: Postdoctoral Small Scholarship & Travel Award (\$600)
2019-2020	University of Illinois at Chicago: Dean's Scholar Fellowship (\$30,000)
2017	The Field Museum: Field Dreams Award. "Mapping Ancient Pathways and Archaeological Sites by Drone in Southern Peru" (\$5,000)
2016	University of Illinois at Chicago: Provost Award. "Desert Roads and Waystations: Prehistoric State Expansion in Southern Peru (A.D. 600-1000)." (\$2,000)
2014	University of Illinois at Chicago: Chancellor's Fellowship for Graduate Research. "Geoarchaeological Investigations of the Ocoña Valley, Southern Peru: Prehistoric State Expansion during the Middle Horizon (AD 600-1000)." (\$8,000)
2013	The Field Museum: Anthropology Alliance Summer Fieldwork Internship. (\$2,000)

MUSEUM AND LABORATORY POSITIONS

2021-present	GIS and Data Management Coordinator (lab website): University of Illinois - Chicago, Center for the Recovery and Identification of the Missing.
2018-2019	Armour Graduate Fellowship , The Field Museum of Natural History. PXRF and LA-ICP-MS analysis of archaeological materials.
2015, 2017	Research Assistant : The Field Museum of Natural History. PXRF analysis of archaeological material; Geospatial analysis.
2003-2007	Special Project Assistant : University of Maine, Hudson Museum of Anthropology. Object handling, collections management, public outreach.
2003	Collections Internship. Old Sturbridge Village History Museum. Object handling, collections management.

INVITED PRESENTATIONS

- 2024 **Reid, D.A.** Fragile States: The Wari Experiment of Empire in the Pre-Inca Andes. Presentation given to The Archaeological Institute of America (AIA), Rockford Society.
- 2024 **Reid, D.A.**, R. Elliot. An Interdisciplinary Approach: The UIC Philippines POW/MIA Accounting and Recovery Program (PARP). Presentation given to the U.S. Government Defense POW/MIA Accounting Agency (DPAA) Pacific Directorate:
- 2022 **Reid, D.A.** GIS Applications in the Recovery of POW/MIA Servicemembers: WWII Philippines. Presentation given to University of Chicago: GEOG 25424 GIS and Human Ecologies, Instructor R. Hunter.

Reid, D.A., R. Elliot. GIS and Remote Sensing Applications: The UIC–Philippines POW/MIA Accounting and Recovery Program (PARP). Presentation given to the U.S. Government - Defense POW/MIA Accounting Agency (DPAA) – Pacific Directorate.

- **Reid, D.A.**, R. Elliot. The UIC–Philippines POW/MIA Accounting and Recovery Program (PARP). Presentation given to the U.S. Government Defense POW/MIA Accounting Agency (DPAA) European Directorate.
- **Reid, D.A.**, R. Elliot. The UIC–Philippines POW/MIA Accounting and Recovery Program (PARP). Presentation given to the U.S. Government Defense POW/MIA Accounting Agency (DPAA) Pacific Directorate.
- **Reid, D.A.** NSF Funding and Project Design. Panel member for Michigan State University: Course: ANP 850 Archaeological Research Design, Instructor K. Rademaker.
- **Reid, D.A.**, P.R. Williams. Tracing State Interaction through Obsidian: Social Network Analysis of the Andean Middle Horizon (AD 600-1000). Archaeometry Workshop, Chicago, IL. The Field Museum of Natural History.

CONFERENCE PRESENTATIONS

- **Reid, D.A.** and W. Ridge. The State of Andean Obsidian Artifact Provenance: A Social Network Analysis (SNA). Paper presented at the 89th Annual Meeting of the Society for American Archaeology, New Orleans.
- **Reid, D.A.** and K. Rademaker. Landscape and Social Memory: The *Placas Pintadas* Offering Tradition of Southern Peru. Paper presented at the 40th Annual Northeast Conference on Andean Archaeology and Ethnohistory, Ithaca, NY.
- **Reid, D.A.**, C. Kestle, E. Goodman, J. Monaghan, K. Phillips, A. Kracinski, W. Feltz, and H. Aslinger. GIS and Remote Sensing Applications in the Search for World War II POW/MIAs in the Philippines. Poster presented at the 88th Annual Meeting of the Society for American Archaeology, Portland, OR.
- **Reid, D.A.** A Bottom-up Perspective on Middle Horizon Road Waystations and their Relation to the Wari State in Southern Peru. Paper presented at the 87th Annual Meeting of the Society for American Archaeology, Chicago, IL.
- 2022 P.R. Williams, **D.A. Reid**, and M.E. Grávalos. Wari Influence Across the Andes: Reviewing the Radiocarbon Evidence. Paper presented at the 87th Annual Meeting of the Society for American Archaeology, Chicago, IL.
- **Reid, D.A.** Dating a Wari D-Shaped Temple: New Radiocarbon Evidence from Pakaytambo, Arequipa, Peru. Paper presented at the 86th Annual Meeting of the Society for American Archaeology, Online.
- **Reid, D.A.**, B. Carmargo Padilla, K.L. Ricci Jara. Pakaytambo: Un Sitio Ceremonial Wari en el Valle Chuquibamba, Arequipa. II Congreso Internacional de Arqueología del Área Centro Sur Andina, Arequipa, Peru, Online.
- 2021 Rademaker, K., **D.A. Reid**, M. Glascock, and B. Kaiser. A 12,000-Year Sequence of Human Use of the Alca Obsidian Source, Peru. International Association for Obsidian Studies International Conference, Online.
- **Reid, D.A.** Reconstructing Middle Horizon Exchange Systems through Geochemical Provenance and Network Analysis. Paper presented at the 48th Annual Midwest

- Conference on Andean and Amazonian Archaeology and Ethnohistory, East Lansing, MI.
- **Reid, D.A.** Discussant. Symposium: Wari and the Far Peruvian South Coast: Final Results of Excavations in Quilcapampa. 84th Annual Meeting of the Society for American Archaeology, Albuquerque, NM.
- **Reid, D.A.**, K.L. Ricci Jara, V. Rosales Hilario, M.F. Vizcarra Zanabria. Wari State Expansion and Middle Horizon Roads in the Majes-Chuquibamba Region, Southern Peru. Poster presented at the 84th Annual Meeting of the Society for American Archaeology, Albuquerque, NM.
- **Reid, D.A.** and W. Ridge. Obsidian Procurement and Exchange in Peru: A Social Network Analysis (SNA). Poster presented at the 83rd Annual Meeting of the Society for American Archaeology, Washington, D.C.
- **Reid, D.A.** Wari Roads in southern Peru? Recent investigations of Middle Horizon waystations in Arequipa. The 46th Annual Midwest Conference on Andean and Amazonian Archaeology and Ethnohistory, Chicago, IL.
- **Reid, D.A.** Infrastructure and the Anthropocene: Reproducing Networks of Power from Prehistory to Modern Times in Arequipa, Peru. Paper presented at the 5th Second City Anthropology Conference, Chicago, IL.
- **Reid, D.A.**, P.R. Williams, and D. Nash. The Role of Infrastructure in Wari State-Making in Southern Peru. Paper presented at the 82nd Annual Meeting of the Society for American Archaeology, Vancouver, BC.
- 2017 P.R. Williams, **D.A. Reid**, and L. Gonzales P. Wari roads in southern Peru. Paper presented by P.R. Williams at the 45th Annual Midwest Conference on Andean and Amazonian Archaeology and Ethnohistory.
- **Reid, D.A**. Road Networks of Southern Peru: Connecting Landscapes of Colonialism. Paper presented at the 81st Annual Meeting of the Society for American Archaeology, Orlando, FL.
- **Reid, D.A.** and W.P. Ridge. Obsidian Procurement and Exchange in Southern Peru: A Social Network Analysis (SNA). Paper presented at the 4th Second City Anthropology Conference, Chicago, IL.
- 2016 Rademaker, K., **D.A. Reid**, K. Moore and H. Bocherens. The Missing Middle: New Efforts to Understand Early Inter-Zonal Connections in the Peruvian Central Andes. Paper presented by K. Rademaker at the 81st Annual Meeting of the Society for American Archaeology, Orlando, FL.
- **Reid, D.A.** Rock Art and Prehistoric Roads: The Connection in Southern Peru. Paper presented at the 80th Annual Meeting of the Society for American Archaeology, San Francisco, CA.
- **Reid, D.A.** Set in Stone: Culture Change and Resilience at the Andean Rock Art Site Toro Muerto. Paper presented at the 3rd Second City Anthropology Conference, Chicago.
- 2011 Rademaker, K., **D.A. Reid**, B. Kaiser, D. Gibson, M.D. Glascock. New Geochemical Data from the Alca Obsidian Source Region: Implications for Understanding Prehistoric Extraction and Distribution. Paper presented by K. Rademaker at the 30th Annual Northeast Conference on Andean Archaeology and Ethnohistory, Andover, MA.

2009 Rademaker, K., G. Bromley, and **D.A. Reid**. Connecting the Dots: Paleogeography, Least-Cost Path Modeling, and the Search for Paleoindian Sites in Southern Highland Peru. Paper presented by K. Rademaker at the 74th Annual Meeting of the Society for American Archaeology, Atlanta, GA.

- **Reid, D.A.**, D. H. Sandweiss, B. Ojeda, and K. Rademaker. Prehistoric Settlement Patterns of the Quebrada Jaguay Region, Southern Peru. Paper presented at the 73rd Annual Meeting of the Society for American Archaeology, Vancouver, BC.
- **Reid, D.A.**, M.A. McConaughy, K. Rademaker, J.B. Richardson III, and D. Sandweiss. The Colán Beach Ridges: Records of Human Activity and Climate Change. Paper presented at the 27th Annual Northeast Conference on Andean Archaeology and Ethnohistory, Orono, Maine.

FIELD RESEARCH

- Present 2017 **Project Director and Principal Investigator**: Proyecto Arqueológico Caminos Preincaicos Arequipa (PACPA), Arequipa, Peru.
- **GIS Specialist and Field Assistant**: Archaeological investigations of WWII aircraft crash site, Philippines. Center for the Recovery and Identification of the Missing, UIC.
- **Field Assistant:** Holocene Paleoclimate Reconstruction in the Atacama Desert, Tarapacá, Chile. Principal investigator E. Olson, Purdue University.
- **Unit Supervisor**: Proyecto Quilcapampa: Archaeological Excavations at a Middle Horizon settlement, Peru. Principal investigator J. Jennings, Royal Ontario Museum.
- **Site Supervisor**: Archaeological Excavations at Cuncaicha Rock Shelter Site, Peruvian Andes. Principle investigator K. Rademaker, Michigan State University.
- **Unit Supervisor**: Archaeological Excavations at Carbun Ruan, a High-Altitude Rock Shelter, Peru. Principal investigator K. Rademaker Michigan State University.
- **Crew Chief**: Archaeological Investigations at Sabaya in the Upper Valley of Moquegua, Peru. Principle investigator S. Chacaltana Cortez, University of Illinois at Chicago and The Field Museum of Natural History.
- **Unit Supervisor**: Archaeological Excavations at Cuncaicha Rock Shelter Site, Peruvian Andes. Principle investigator K. Rademaker, Michigan State University.
- **Crew Chief**: Archaeological Investigations of the Wari Site Cerro Mejía, Moquegua, Peru. Principal investigator D. Nash, University of North Carolina Greensboro.
- **Field Assistant:** Geoarchaeological Investigations of the Pucuncho Basin, Peruvian Andes. Principal investigators K. Rademaker and G. Bromley, University of Maine.
- **Field Assistant:** Archaeological Exploration of the Cotahuasi Highlands, Peruvian Andes. Principal investigator K. Rademaker, University of Maine.
- **Principal Investigator**: Geoarchaeological Investigations of the Quebrada Mancora, northern Peru.
- 2006-2007 **Principal Investigator**: Geoarchaeological Investigations of the Peruvian Beach Ridges, northern Peru.
- 2006, 2007, 2010 Field Assistant: Los Morteros Ground-Penetrating Radar Study, northern

Peru. Principal investigator D.H. Sandweiss, University of Maine.

2005 **Field School Teaching Assistant**: Archaeological Investigations of Revolutionary War and War of 1812 Fortifications, Coastal Maine. Principal investigator A. Faulkner, University of Maine.

TEACHING / MENTORING

Purdue University

Instructor of Record (2022–2024)

Technology & Culture w/ Honors option - ANTH 210

University of Illinois at Chicago

Instructor of Record (2016-2022)

Method and Theory in Archaeology - ANTH 220

Writing Culture - ANTH 309

Independent Study: Satellite-Imagery Remote Sensing of Archaeological Features in Southern Peru - ANTH 490

Teaching Assistant (2012-2018)

The Human Adventure - ANTH 100

Introduction to Archaeology - ANTH 102

Human Evolution - ANTH 105

Field Techniques in Archaeology - ANTH 425

Laboratory Techniques in Archaeology - ANTH 426

Concepts in Geography - GEOG 100

Mentor/Supervisor (2021-present)

Honors Capstone in Anthropology – Undergraduate – Completed (1)

Senior Thesis in Anthropology – Undergraduate – Completed (1)

Research Assistants in GIS - Undergraduate & Graduate Students (3)

University of Maine

Co-Instructor (2011-2012)

Introduction to Honors Thesis Research - HON 391

RELATED PROFESSIONAL EXPERIENCE

2021-present	Scientific Recovery Expert Training: U.S. Government Defense POW/MIA Accounting Agency (DPAA).
2011-2012	The University of Maine: Honors College Associate.
2008-2010	John Milner Associates, Inc., Culture Resource Management (CRM), Field Archaeologist: KY, MA, ME, NY, PA, VA.
2007-2010	McBride Preservation Services: Field Archaeologist, WV. Hinkel's Fort (Oct 2010), Warwick's Fort (May 2010, Sept 2008), and Fort Ashby (Oct 2007).

LANGUAGES

English: Native fluency

Spanish: Fluent

APPLICABLE SOFTWARE SKILLS

ESRI ArcGIS; Agisoft Metashape Pro; ERDAS Imagine; UCINET; Visone; JMP; GAUSS; Adobe Photoshop / Illustrator

PRESENT AND PAST PROFESSIONAL AFFILIATIONS

Society for American Archaeology (SAA) Member

Register of Professional Archaeologists (RPA) Member

International Association for Obsidian Studies (IAOS) Member

Planet. University Affiliated Researcher Member