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ACADEMIC POSITIONS

University of Connecticut. Storrs, CT. Associate Professor, 2012–present.
University of Connecticut. Storrs, CT. Assistant Professor, 2005–2012.
Harvard University. Cambridge, MA. Lecturer and Undergraduate Tutor in Archaeology, 2003–2005.

EDUCATION

Harvard University, Cambridge, MA. 1995–2002. Department of Anthropology, PhD November 2002, MA June 1997.
University of Connecticut, Storrs, CT. 1989–1992. Department of Anthropology, BA (Cum Laude) December 1992.

DISSERTATION

Late Middle Palaeolithic Patterns of Lithic Reduction, Mobility, and Land Use in the Southern Caucasus

INTERESTS

Palaeoanthropology, Human Evolution, Palaeolithic Archaeology, Human Behavioral Ecology, Lithic Analysis, aDNA, Zooarchaeology, Neanderthal-Modern Human Interactions, Chronometric Dating, Archaeological Science, Palaeoclimate, Settlement Systems, Landscape Archaeology, Obsidian Sourcing, Archaeological Method & Theory.

RESEARCH PROJECTS

Early Pleistocene Occupations of the Armenian Highlands: Haghtanak-3. Co-Investigators: K.N. Wilkinson (University of Winchester). The earliest evidence of hominins outside Africa occurs ~1.8 mya at the site of Dmanisi, Georgian Republic. Located ~60 miles SE of Dmanisi, along the Georgian Armenian border, the open-air site of Haghtanak-3 (HAG-3) contains the earliest archaeological evidence of hominins in Armenia. Based on geological observations the site is Early Pleistocene, likely dating to no more than 2mya. The archaeological remains, comprised entirely of stone tools, are represented by choppers-chopping tools and simple flake technology, and can be classified as Lower Palaeolithic. While more developed than the lithic industry from Dmanisi, and likely younger, the HAG-3 assemblage represents the earliest site discovered in Armenia, thus filling an important temporal and technological gap in our understanding of early hominin occupations and technological developments in the broader region.

PAGES: Pleistocene Archaeology, Geochronology and Environment of the Southern Caucasus. 2016-present. PI: Keith Wilkinson (University of Winchester); Co-Investigators: D.S. Adler (UConn), Simon Blockley (Royal Holloway, University London), Darren Mark (University of Glasgow). The nature and timing of the dispersal of *Homo* across the Old World is fundamental to our understanding of human evolution during the Pleistocene (2 million to 11,500 years ago), yet current knowledge is largely based on the Palaeolithic records of East and Southern Africa. As a result it is presently unclear what mechanisms drove human dispersal to other geographic regions, and how technological innovations and ecological adaptations developed along the way. PAGES will tackle these fundamental questions by examining the Palaeolithic archaeology and Pleistocene geology of the Southern Caucasus, in particular Armenia, an area that has received little attention compared with East Africa. This three-year project, funded by the Leverhulme Trust, brings together an international team of scientists from four existing archaeological, geological and palaeoenvironmental investigations in the Southern Caucasus.

aDNA of Hominins and Other Animals from Upper Pleistocene Archaeological Contexts in Armenia and Georgia: 2017–present. Co-director with V. Slon and M. Meyer (MPI Leipzig), K. Wilkinson (University of Winchester), B. Gasparian (Institute for Archaeology and Ethnography, Yerevan), and N. Tushabramishvili (Ilia University, Tbilisi). Analysis and identification of mammalian and hominin DNA extracted from Upper Pleistocene archaeological sediments at select sites in the republics of Armenia and Georgia.

Obsidian Resources and Landscapes of Palaeolithic Armenia and Georgia: 2011–present. Co-director with E. Frahm (Univ. Minnesota), B. Gasparian (Institute for Archaeology and Ethnography, Yerevan), K. Meliksetian (Institute of Geological Sciences, Yerevan), and N. Tushabramishvili (Ilia University, Tbilisi). Palaeolithic obsidian artifacts (Lusakert

Cave 1, Nor Geghi 1, Solak 1, Alapars 1, Ortvale Klde) and geological specimens (Hrazdan Gorge and surroundings) are geochemically sourced using a combination of electron microprobe and portable X-ray fluorescence analysis. Additional indicators of source involve dating and magnetic analyses.

University of Connecticut Archaeological Field School in Armenian Prehistory: 2009–present. Director. This field school is a joint venture between UConn’s Study Abroad program, Yerevan State University, and the Armenian Institute for Archaeology and Ethnography. Students receive six honors credits and are trained in archaeological field, laboratory, and survey methods during the excavation of several archaeological sites. Current efforts focus on the middle Hrazdan Gorge. Nor Geghi 1 is a stratified late Acheulian open-air site, Alapars 1 is a stratified early Middle Palaeolithic open-air site, Lusakert Cave 1 contains stratified Middle Palaeolithic deposits, and Solak 1 is a post-LGM stratified open-air site. As of 2015, thirty-three UConn students have participated in this program.

Hrazdan Gorge Palaeolithic Project, Armenia: 2008–present. Co-director with B. Yeritsyan and R. Pinhasi. Interdisciplinary survey, excavation, analysis, and dating of Lower, Middle, and Upper Palaeolithic localities within the Hrazdan Gorge, Armenia.

Dating the Palaeolithic of the Caucasus: 2008–2012. Co-director with R. Pinhasi, UC Cork, Ireland. Interdisciplinary study of Neanderthal-Modern Human interactions in the Caucasus (southern Russia, Georgia, Armenia) through the dating of archaeological sites (AMS, OSL, Tephra), the direct dating of Neanderthal fossils (AMS), and the extraction and analysis of ancient DNA.

Pinavera Site: June 2004–2006. Co-director with C.R. Ferring, University of North Texas, Denton, TX. Interdisciplinary excavation and analysis of the first stratified, open-air Middle–Upper Palaeolithic locality in the southern Caucasus. The site contains six archaeological horizons dating to the late Middle and early Upper Pleistocene.

The Mashavera Gorge Palaeolithic Project: June 2003–2006. Co-director with C.R. Ferring, University of North Texas, Denton, TX. This project investigated the open-air component of Middle and Upper Palaeolithic mobility and land use via survey, GIS, excavation, zooarchaeology, lithic analysis, and chronometric dating.

Ortvale Klde Rockshelter: 1997–2006. Middle–Upper Palaeolithic rockshelter, Georgian Republic. Co-director with N. Tushabramishvili, Georgian State Museum, Tbilisi, Georgian Republic. The project focused on the excavation and dating of eight Upper–Middle Palaeolithic layers as part of a long-term project geared toward the dating and documentation of the Middle–Upper Palaeolithic occupation of Georgia.

Bronze Cave Dating Program: 2000–2006. Middle–Upper Palaeolithic cave and rockshelter complex, Georgian Republic. Director of project. This project focused on the TL and AMS dating of Bronze Cave as part of a long-term project geared toward the dating and documentation of the Middle–Upper Palaeolithic occupation of Georgia.

Wallertheim Research Project: 1992–2000. Middle Palaeolithic open-air site in the Rhine Valley, Germany. Directed by N.J. Conard, Universität Tübingen, Institut für Ur- und Frühgeschichte, Germany. Position/Duties: Lithic Analyst, Researcher, Field Archaeologist.

Metternich Research Project: 1993–1995. Middle Palaeolithic open-air site in the Mosel Valley, Germany. Directed by N. J Conard, Universität Tübingen, Institut für Ur- und Frühgeschichte, Germany. Position/Duties: Lithic Analyst, Research Assistant, Field Archaeologist.

Erq-el-Ahmar: 1997. Upper Pliocene paleontological locality, Jordan Valley, Israel. Co-director with E. Tchernov, Department of Zoology, Hebrew University, Israel. This project entailed the excavation of an elephant carcass located within late Pliocene lake sediments.

Akhalkalaki, Amiranis Gora Research Project: 1995–1996. Late Early Pleistocene faunal locality in the Georgian Republic. Co-director with M. Gabunia, Georgian Archaeological Centre, Tbilisi, Georgian Republic. The field project consisted of the excavation and zooarchaeological and taphonomic analysis of palaeontological material.

ADDITIONAL FIELD EXPERIENCE

Hayonim Cave: 1997–1999. Cave site containing Middle and Upper Palaeolithic, and Natufian remains, Israel. Directed by O. Bar-Yosef, Harvard University, Department of Anthropology. Position/Duties: Field Archaeologist.

Abric Romaní: 1998. Middle–Upper Palaeolithic rockshelter, Capellades, Spain. Directed by E. Carbonell, Universitat Rovira i Virgili, Departament de Història i Geografia. Spain. Position/Duties: Field Archaeologist.

Barnham East Farm: 1994. Lower Palaeolithic open-air site in Suffolk, England. Directed by N. Ashton, Department of Prehistoric and Romano-British Antiquities, British Museum. Position/Duties: Field Archaeologist.

Miesenheim IV: 1992–1993. Late Pleistocene faunal locality in the Neuwied Basin, Germany. Directed by M. Street, Römisch-Germanisches Zentralmuseum Mainz, Forschungsinstitut für Vor- und Frühgeschichte, Forschungsbereich Altsteinzeit, Germany. Position/Duties: Field Archaeologist.

Kettig: 1993. Upper Palaeolithic/Federmesser Period site in the Neuwied Basin, Germany. Directed by M. Baales, Römisch-Germanisches Zentralmuseum Mainz, Forschungsinstitut für Vor- und Frühgeschichte, Forschungsbereich Altsteinzeit, Germany. Position/Duties: Field Archaeologist.

PROFESSIONAL MEMBERSHIPS

European Society for Human Evolution (ESHE), 2017–present.

American Research Institute of the Southern Caucasus (ARISC), 2011–present. Member of the Board of Directors.

The International Union for Prehistoric and Protohistoric Sciences (UISPP), 2004–present. Member of the Permanent Council representing the USA. Elected September 2006.

European Association of Archaeologists, 2004–present.

Palaeoanthropology Society, 1999–present.

Society for American Archaeology, 1999–present.

EDITORIAL BOARDS

Associate Editor, *Journal of Human Evolution* (Elsevier), 2015–2018

AD HOC GRANT & MANUSCRIPT REFEREE:

National Science Foundation, European Research Council (ERC), UNESCO, The L.S.B. Leakey Foundation, National Geographic, Volkswagen Stiftung, Israel Science Foundation, Earthwatch, Deutscher Akademischer Austauschdienst (DAAD), Minerva Stiftung,

Kerns Verlag, Oxbow Books, American School of Prehistoric Research, Elsevier, Cambridge University Press, *Nature*, *Science*, *Current Anthropology*, *Journal of Archaeological Science*, *Journal of Human Evolution*, *Journal of Field Archaeology*, *Quaternary Research*, *Quartär*, *Evolutionary Anthropology*, *Lithics*, *Quaternary International*, *Quaternary Science Reviews*, *Journal of Archaeological Research*, *Before Farming*.

UConn SERVICE

Director of Graduate Studies, Department of Anthropology, UConn, 2012–2013, 2014–present.

Graduate Faculty Council, Department of Anthropology representative, UConn, 2012–2013, 2014–present.

Norian Armenian Programs Committee, UConn, 2010–present.

SERVICE, OTHER UNIVERSITIES & INSTITUTIONS

External Promotion and Tenure Review, University of North Carolina at Greensboro, Department of Anthropology, 2015.

External Promotion and Tenure Review, University of Minnesota, Twin Cities, Department of Anthropology, 2014.

Archaeological Institute of America, Pomerance Committee, Pomerance Award for Scientific Contributions to Archaeology, 2014–present.

Board of Directors, American Research Institute of the Southern Caucasus (ARISC), 2011–present.

COMMUNITY OUTREACH

Connecticut Archaeology Fair, University of Connecticut, October 15, 2016, co-organizer with Dr. Brian Jones.

Connecticut Museum of Natural History, Storrs, CT, periodic public lectures.

Connecticut Archaeology Fair, Wesleyan University, October 2014, Department of Anthropology representative.

Archaeological Associates of Greenwich, periodic public lectures at the Bruce Museum of Arts and Science, Greenwich, CT.

WEBSITES & MEDIA

<http://anthropology.uconn.edu/core-faculty/daniel-adler/>

<http://anthropology.uconn.edu/old-world-archaeology/>

<https://uconn.academia.edu/DanielAdler>

https://www.researchgate.net/profile/Daniel_Adler

<http://scholar.google.com/citations?user=sgvFGngAAAAJ&hl=en>

POST-DOCTORAL FELLOWS

Dr. Ariel Malinsky-Buller, Hebrew University, 2015–2016, Fulbright-ISEF Post-Doctoral Fellow.

Dr. Malahat Farajova, 2008, Gobustan National Preserve, Azerbaijan, Fulbright Fellow.

BOOKS

Adler, D.S., O. Jöris (editors). 2008. *Setting the Record Straight: Toward a Systematic Chronological Understanding of the Middle–Upper Palaeolithic Boundary in Eurasia*, a special issue of the *Journal of Human Evolution* 2008 55(5). Includes twelve chapters and introduction by editors.

Jöris, O., D.S. **Adler** (editors). 2007. *Dating the Middle to Upper Palaeolithic Boundary Across Eurasia*, a special issue of the *Eurasian Prehistory* 2007, 5(2). Includes eight chapters and introduction by editors.

JOURNAL ARTICLES

Frahm, E., J. Sherriff, K.N. Wilkinson, E. J. Beverly' D.S. **Adler**, and B. Gasparyan. 2017. Ptghni: A New Obsidian Source in the Hrazdan Basin, Armenia. *Journal of Archaeological Science Reports* 14: 55–64.

Frahm, E. J.M. Feinberg, G.F. Monnier, G.B. Tostevin, B. Gasparyan, B. Yeritsyan, D.S. **Adler**. 2016. Lithic raw material units based on magnetic properties: A blind test with Armenian obsidian and application to the Middle Palaeolithic site of Lusakert Cave 1. *Journal of Archaeological Science* 74: 102–123.

P.J. Glauberman, B. Gasparyan, K. Wilkinson, E. Frahm, Y. Raczynski-Henk, H. Haydosyan, D. Arakelyan, S. Karapetyan, S. Nahapetyan, and D.S. **Adler**. 2016. Introducing Barozh 12: A Middle Palaeolithic Open-Air Site on the Edge of the Ararat Depression, Armenia. *ARAMAZD, Armenian Journal of Near Eastern Studies*. Vol. IX(2)-2015: 7–20.

Frahm, E., J.M. Feinberg, B.A. Schmidt-Magee, K.N. Wilkinson, B. Gasparyan, B. Yeritsyan, D.S. **Adler**. 2016. Middle Palaeolithic Toolstone Procurement Behaviors at Lusakert Cave 1, Hrazdan Valley, Armenia. *Journal of Human Evolution* 91: 73–92.

Adler, D.S., K.N. Wilkinson, S. Blockley, D. Mark, R. Pinhasi, B.A. Schmidt-Magee, B. Yeritsyan, S. Nahapetyan, C. Mallol, F. Berna, P. J. Glauberman, Y. Raczynski-Henk, V. Cullen, E. Frahm, O. Jöris, A. Macloud, V. Smith, B. Gasparian. 2014. Early Levallois Technology and the Transition from the Lower to Middle Palaeolithic in the Southern Caucasus. *Science* 345 (6204): 1609–1613. Plus supplemental material, pp. 1–65.

Frahm, E., Feinberg, J.M., Schmidt-Magee, B.A., Wilkinson, K., Gasparyan' B., Yeritsyan, B., Karapetian, S., Meliksetian, K., Muth, M.J., and D. S. **Adler**. 2014. Multiscalar Magnetic Variation in the Gutansar Obsidian Complex: Implications for Lithic Technology, Landscape Use, and Resource Selection in Palaeolithic Armenia. *Journal of Archaeological Science* 47: 164–178.

Frahm, E., Schmidt, B.A., Gasparyan, B., Yeritsyan, B., Karapetian, S., Meliksetian, K., **Adler, D.S.**, 2014. Ten Seconds in the Field: Rapid Armenian Obsidian Sourcing with Portable XRF to Inform Excavations and Surveys, *Journal of Archaeological Science* 41: 333–348.

Pinhasi, R., M. Nioradze, N. Tushabramishvili, D. Lordkipanidze, D. Pleurdeau, M-H. Moncel, D.S. **Adler**, C. Stringer, T.F.G. Higham. 2012. New chronology for the Middle Palaeolithic of the Southern Caucasus suggests early demise of Neanderthals in this region. *Journal of Human Evolution* 63(6): 770–780.

Mercier, N., H. Valladas, L. Meignen, J.-L. Joron, N. Tushabramishvili, D.S. **Adler**, O. Bar-Yosef. 2010. Dating the Early Laminar Middle Paleolithic Laminar Industry from Djrchula, Republic of Georgia. *Paléorient* 36(2): 163–173.

Jöris, O., D.S. **Adler**, M. Street, B. Weninger. 2009. On the first Appearance of Modern Humans in Eurasia: Toward an absolute chronology for the OIS 3 archaeological record (in Japanese). *Japanese Journal of Palaeolithic Research* 5: 99–120.

Adler, D.S., Bar-Yosef, O., Belfer-Cohen, A., Tushabramishvili, N., Boaretto, E., Mercier, N., Valladas, H., Rink, W. J. 2008. Dating the Demise: Neanderthal Extinction and the Establishment of Modern Humans in the Southern Caucasus.

- In *Setting the Record Straight: Toward a Systematic Chronological Understanding of the Middle–Upper Palaeolithic Boundary in Eurasia*, edited by D.S. Adler and O. Jöris, a special issue of the *Journal of Human Evolution* 55(5): 817–833.
- Jöris, O., D.S. **Adler**. 2008. Setting the Record Straight: Toward a Systematic Chronological Understanding of the Middle–Upper Palaeolithic Boundary in Eurasia. In *Setting the Record Straight: Toward a Systematic Chronological Understanding of the Middle–Upper Palaeolithic Boundary in Eurasia*, edited by D.S. Adler and O. Jöris, a special issue of the *Journal of Human Evolution* 55(5): 761–763.
- Adler**, D.S., O. Jöris. 2007. Dating the Middle to Upper Palaeolithic Boundary Across Eurasia. In *Dating the Middle to Upper Palaeolithic Boundary Across Eurasia*, edited by O. Jöris and D. S. Adler, a special issue of the *Eurasian Prehistory* 2007, 5(2): 5–18.
- Bar-Yosef, O., Belfer-Cohen, A., **Adler**, D.S. 2006. The Implications of the Middle-Upper Paleolithic Chronological Boundary in the Caucasus to Eurasian Prehistory. *Anthropologie* XLIV(1): 81–92.
- Adler**, D.S., Bar-Oz, G., Belfer-Cohen, A., Bar-Yosef, O. 2006. Ahead of the Game: Middle and Upper Palaeolithic Hunting Practices in the Southern Caucasus. *Current Anthropology* 47(1): 89–118.
- Bar-Oz, G., **Adler**, D.S. 2005. The Taphonomic History of the Middle and Upper Palaeolithic Faunal Assemblages from Ortvale Klde, Georgian Republic. *Journal of Taphonomy* 3(4): 185–211.
- Eren, M., Dominguez-Rodrigo, M., Le, I., **Adler**, D.S., Kuhn, S. L., Bar-Yosef, O. 2005. Defining and Measuring Reduction in Unifacial Stone Tools. *Journal of Archaeological Science* 32: 1190–1201.
- Adler**, D.S., Bar-Oz, G., Vekua, A., Tushabramishvili, N. 2004. Palaeolithic Hunting Practices. *Caucasus Environment* 2(7): 52–55.
- Adler**, D.S., Prindiville, T.P., Conard, N.J. 2003. Patterns of Spatial Organization and Land Use During the Eemian Interglacial in the Rhineland: New Data from Wallertheim, Germany. *Eurasian Prehistory* 1(2): 25–78.
- Bar-Oz, G., **Adler**, D.S., Meshveliani, T., Tushabramishvili, N., Belfer-Cohen, A., Bar-Yosef, O. 2002. Middle and Upper Palaeolithic Foragers of the Southwest Caucasus: New Faunal Evidence from Western Georgia. *Archaeology, Ethnology and Anthropology of Eurasia* 4(12): 45–52.
- Tushabramishvili, N., **Adler**, D.S., Bar-Yosef, O., Belfer-Cohen, A. 2002. Current Middle & Upper Palaeolithic Research in the Southern Caucasus. *Antiquity* 76: 927–928.
- Tappan, M., **Adler**, D.S., Ferring, R., Gabunia, M., Vekua, A., Swisher, C. 2002. Akhalkalaki: The Taphonomy of An Early Pleistocene Locality in the Republic of Georgia. *Journal of Archaeological Science* 29: 1367–1391.
- Tushabramishvili, N., Lordkipanidze, D., Tvalcherlidze, M., Vekua, A., Muskhelishvili, A., **Adler**, D.S. 1999. The Palaeolithic Rockshelter of Ortvale Klde, Imereti Region, The Georgian Republic. *Préhistoire Européenne* 15: 65–77.
- Conard, N.J., **Adler**, D.S. 1997. Lithic Reduction and Hominid Behavior in the Middle Palaeolithic of the Rhineland. *Journal of Anthropological Research* 53: 147–175.
- Conard, N.J., **Adler**, D.S., Forrest, D. T., Kaszas, P. J. 1995. Preliminary Archaeological Results from the 1991–1993 Excavations in Wallertheim. *Archäologisches Korrespondenzblatt* 25: 13–27.
- Conard, N.J., **Adler**, D.S., Forrest, D.T., Kaszas, P. J. 1994. Current Middle Palaeolithic Excavations in Wallertheim, Rheinhessen. *Ethnographisch-Archäologische Zeitschrift* 35: 81–87.

BOOK CHAPTERS

- Gasparyan, B., C. P. Egeland, D. S. **Adler**, R. Pinhasi, P. Glauberman and H. Haydosyan. 2014. The Middle Paleolithic Occupation of Armenia: Summarizing Old and New Data. In *Stone Age of Armenia: A Guide-book to the Stone Age Archaeology in the Republic of Armenia*, edited by Boris Gasparyan and Makoto Arimura, pp. 65–105. Monograph of the JSPS-Bilateral Joint Research Project, Kanazawa University Press, Tokyo.
- Gasparyan, B., D. S. **Adler**, C. P. Egeland and K. Azatyan. 2014. Recently Discovered Lower Paleolithic Sites of Armenia. In *Stone Age of Armenia: A Guide-book to the Stone Age Archaeology in the Republic of Armenia*, edited by Boris Gasparyan and Makoto Arimura, pp. 37–64. Monograph of the JSPS-Bilateral Joint Research Project, Kanazawa University Press, Tokyo.
- Adler**, D.S., B. Yeritsyan, K. Wilkinson, R. Pinhasi, G. Bar-Oz, S. Nahapetyan, R. Bailey, B. A. Schmidt, P. Glauberman, N. Wales, B. Gasparian. 2012. The Hrazdan Gorge Palaeolithic Project, 2008–2009. In *Archaeology of Armenia in Regional Context, Proceedings of the International Conference dedicated to the 50th Anniversary of the Institute of Archaeology and*

Ethnography Held on September 15-17, 2009 in Yerevan, Armenia. Edited by P. Avetisyan and A. Bobokhyan, pp. 21–37. NAS RA Gitutyn Publishing house, Yerevan.

Adler, D.S., Bar-Oz, G. 2009. Seasonal Patterns of Prey Acquisition During the Middle and Upper Palaeolithic of the Southern Caucasus. In *The Evolution of Hominid Diets: Integrating approaches to the study of Palaeolithic subsistence*, edited by J.-J. Hublin and M. Richards. Vertebrate Paleobiology and Paleoanthropology Series, Springer, Netherlands.

Adler, D.S. 2009. Cultural, Behavioral, and Biological Discontinuities at the Middle–Upper Palaeolithic Transition in the Southern Caucasus. In *Transitions in Prehistory: Essays in Honor of Ofer Bar-Yosef*, edited by J.J. Shea and D.E. Lieberman, pp. 143–163. American School of Prehistoric Research Monograph Series, Oxbow, Oxford, UK.

Adler, D.S., Belfer-Cohen, A., Bar-Yosef, O. 2006. Between A Rock And A Hard Place: Neanderthal-Modern Human Interactions In The Southern Caucasus. In *Neanderthals and Modern Humans Meet*, edited by N.J. Conard, pp. 165–187. Tübingen Publications in Prehistory, Kerns Verlag Tübingen.

Adler, D.S., Conard, N.J. 2005. Tracking Hominins During the Last Interglacial Complex in the Rhineland. In *The Individual Hominid in Context: Archaeological Investigations of Lower and Middle Palaeolithic Landscapes, Locales, and Artefacts*, edited by C. Gamble and M. Porr, pp. 133–153. Routledge Press, London.

Adler, D.S., Tushabramishvili, N. 2004. Middle Palaeolithic Patterns of Settlement and Subsistence in the Southern Caucasus. In *Middle Palaeolithic Settlement Dynamics*, edited by N.J. Conard, pp. 91–132. Publications in Prehistory, Kerns Verlag Tübingen.

Bar-Oz, G., **Adler, D.S., Vekua, A., Meshveliani, T., Tushabramishvili, N., Belfer-Cohen, A., Bar-Yosef, O.** 2004. Faunal exploitation patterns along the southern slopes of the Caucasus during the Late Middle and Early Upper Palaeolithic. In *Colonisation, Migration, and Marginal Areas. A Zooarchaeological Approach*, edited by M. Mondini, S. Muñoz, and S. Wickler, pp. 46–54. Oxford: Oxbow Books.

Bar-Oz, G., **Adler, D.S., Meshveliani, T., Tushabramishvili, N., Belfer-Cohen, A., Bar-Yosef, O.** 2002. Middle and Upper Palaeolithic Foragers of the Southwest Caucasus: New Faunal Evidence from Western Georgia. In *Problemy kamennogo veka Srednei i Tsentral'noi Azii (Problems of the Stone age in Middle and Central Asia)*, edited by A.I. Krivoshepa, pp. 225–231. Institut Arkheologii i Etnografii SO RAN, Novosibirsk.

Conard, N. J., Prindiville, T.J., **Adler, D.S.** 1998. Refitting Bones and Stones as a Means of Reconstructing Middle Palaeolithic Subsistence in the Rhineland. In *Proceedings from: XVIII Recontres International d'Archéologie et d'Histoire d'Antibes, Économie Préhistorique: Les Comportements de Subsistence au Paléolithique. October 23–25, 1997. Antibes*, edited by J.-P. Brugal, L. Meignen, and M. Patou-Mathis, pp. 273–290. APDCA, Sophia Antipolis.

Adler, D.S., Conard, N.J. 1997. Middle Palaeolithic Technology and Pre-Modern Hominid Behavior: Evidence from Wallertheim D, Rheinhessen, Germany. *Reports for the Second Wallertheim Workshop. March 23–25, 1997. Universität Tübingen*, pp. 1–14.

Conard, N.J., **Adler, D.S.** 1996. Wallertheim Horizon D, An Example of High Resolution Archaeology in the Middle Palaeolithic. Proceedings from: Reduction Processes ("Chaînes Opératoires") for the European Mousterian. May 26–28, 1995. Rome. *Quaternaria Nova* 6: 109–125.

Conard, N.J., Bosinski, G., **Adler, D.S.** 1995. Middle Palaeolithic Finds from Koblenz-Metternich. International Union For Quaternary Research XIV, International Congress. Berlin, 1995. The Palaeolithic and Mesolithic of the Rhineland. Edited by G. Bosinski, M. Street and M. Baales, pp. 882–885. In *Quaternary Field Trips In Central Europe Vol. 2 (15)*, edited by W. Schirmer.

REVIEWS & PUBLISHED ABSTRACTS

Adler, D.S. 2011. Invited comment on Shea, J. J. 2011. *Homo sapiens* Is as *Homo sapiens* Was: Behavioral Variability versus "Behavioral Modernity" in Paleolithic Archaeology. *Current Anthropology* 52(1): 1–35.

Adler, D.S. 2009. The Earliest Musical Tradition. *Nature* 406 (6 August 2009): 695–696.

Adler, D.S., 2005. A Review of More Than Meets the Eye: Studies on Upper Palaeolithic Diversity in the Near East. *Near Eastern Archaeology*.

Bar-Yosef, O., Belfer-Cohen, A., Meshveliani, T., **Adler, D.S., Tushabramishvili, N., Boaretto, E., Mercier, N., Weiner, S.** 2002. The Middle–Upper Palaeolithic Boundary in the Western Caucasus. *Journal of Human Evolution* 42(3): A4.

Adler, D.S., Tushabramishvili, N., Bar-Oz, G. 2002. The Latest Neanderthals of the Southern Caucasus: New Dates and New Data from Ortvale Klde, the Georgian Republic. *Journal of Human Evolution* 42(3): A2.

Adler, D.S., 2001. A Review of Rekem: A Federmesser Camp on the Meuse River Bank, 2 Volumes. *Journal of Field Archaeology* 28(1/2): 205–207.

Adler, D.S., Tushabramishvili, N., Lordkipanidze, D., Tvalcherlidze, M., Vekua, A., Muskhelishvili, A. 2000. The Palaeolithic Occupations at Ortvale Klde and Their Bearing on the Prehistory of Transcaucasia. *Journal of Human Evolution* 38(3): A2.

PUBLICATIONS IN PREPARATION OR SUBMITTED

Geochemical Evidence for the Creation and Control of Fire by Middle Palaeolithic Hominins. Submitted. A. Brittingham, M.T. Hren, G. Hartman, K.N. Wilkinson, C. Mallol, B. Gasparyan, D.S. **Adler**. *Nature Scientific Reports*.

Late Middle Paleolithic Technological Organization and Behavior during MIS 3 as recorded at the Open-Air Site of Barozh 12, Armenia. In Prep. P. Glauberman, B. Gasparyan, K.N. Wilkinson, E. Frahm, J. Sherrif, M. Knul, A. Brittingham, D. Arakelyan, Y. Raczynski-Henk, H. Haydosyan, D.S. **Adler**.

Alapars 1 - A New Middle/Upper Pleistocene Paleoenvironmental and Archaeological Record from Armenia. In Prep. A. Malinsky-Buller. P. Glauberman, B. Gasparyan, K.N. Wilkinson, J. Sherrif, E. Beverly, E. Frahm, L. Bo, R. Timms, D.S. **Adler**.

Cullen, V.L., V.C. Smith, N. Tushabramishvili, C. Mallol, M. Dee, R. Pinhasi, D.S. **Adler**. In prep. A revised chronology for the Early Upper Palaeolithic in Ortvale Klde rock shelter, Republic of Georgia. For submission to *Journal of Human Evolution*.

Wilkinson, K.N., D.S. **Adler**, S.P.E. Blockley, E. Frahm, B. Gasparian, D.F. Mark, S. Nahapetyan, V. Smith, B. Yeritsyan. In Prep. Middle Pleistocene geoaerchaeology of the Hrazdan valley, Armenia. For submission to *Quaternary Science Reviews*.

Adler, D.S., V.L. Cullen, K.N. Wilkinson, B. Gasparyan, N. Tushabramishvili, E. Frahm, A. Brittingham, et al. In Prep. Long term Coexistence of Middle and Upper Palaeolithic Populations in the Southern Caucasus. For submission to *Nature*.

Adler, D.S., E. Frahm, and N. Tushabramishvili. In Prep. Obsidian acquisition and transport behaviors among Middle and Upper Palaeolithic hominins in the Southern Caucasus and there implication for evolving social networks. For submission to *Science*.

Adler, D.S., R. Ferring, C. Mallol, Li Bo, R. Roberts, P. Goldberg, M. Nioradze, J. Agusti, F. Berna, and D. Lordkipanidze. In Prep. Early Middle Palaeolithic Foraging Behaviors in the Southern Caucasus: New Data from Pinavera, The Republic of Georgia. For submission to *Journal of Human Evolution*.

COURSES TAUGHT

a. University of Connecticut, Undergraduate:

Introduction to Archaeology (ANTH 2501). Fall 2008–2018.

The Neanderthals (ANTH 4510). Fall 2007. Spring 2010, 2013, 2019.

Seminar in Archaeology (ANTH 3521W). Spring 2007, 2009. Fall 2010.

European Prehistory (ANTH 3514). Fall 2006, 2015. Spring 2008, 2010, 2012.

Lithic Technology (ANTH 3701). Spring 2012, 2015, 2018.

b. University of Connecticut, Graduate:

The Neanderthals (ANTH 5345). Spring 2006, 2013, 2017, 2019. Fall 2008.

Analytical Methods in Archaeology (ANTH 5358). Fall 2005. Spring 2008.

Current Topics in Palaeolithic Archaeology (ANTH 305). Fall 2007.

Hunter-Gatherers Past and Present (ANTH 5517). Spring 2007, 2009, 2011. Fall 2014, 2017.

Modern Human Dispersals (ANTH 5606). Fall 2006, 2009, 2012, 2016.

Lithic Technology (ANTH 5305). Spring 2012, 2018.

c. Harvard University

Sophomore Tutorial in Archaeology (ANTH 97x). Harvard University, Spring 2004–2005.

Junior Tutorial in Archaeology I (ANTH 98xa). Harvard University, Fall 2003–2004.

Junior Tutorial in Archaeology II (ANTH 98xb). Harvard University, Spring 2004–2005.

Rediscovering Past Societies: A Survey of World Prehistory (ANTH 1000). Harvard University, Fall 2003–2004.

Introduction to Archaeology (ANTH 1001). Harvard University, Spring 2003–2005.

Current Topics in Palaeolithic Archaeology and Human Evolution (ANTH 191). Harvard University, Spring 2003.

Introduction to Archaeology (ANTH E-1b). Harvard University Extension School, Spring 2004.

OTHER TEACHING EXPERIENCE

CMRAE 3.985J: *Archaeological Science*. Massachusetts Institute of Technology, Spring 2004. Guest lecturer. "The Impact of Dating on the Interpretation of Cultural Revolutions: The Development of Modern Humans and the Origins of Agriculture." H. Lechtman.

Anthropology 140: *Origins of the Food We Eat*. Harvard University, Fall 2003. Guest lecturer. "Agricultural Transitions and Developments in Europe During the Mesolithic and Neolithic" O. Bar-Yosef & R. Meadow.

Anthropology 205a: *The History and Theory of Social Anthropology: Proseminar*. Harvard University, Fall 2003. Guest lecturer. "Anthropological Archaeology." L. Lorand Matory.

Science B-27: *Human Evolution*. Harvard University, Spring 2003. Guest lecturer. "Biological and Behavioral Developments During the MP/MSA and UP/LSA." D. Pilbeam, M. Ruvolo, & D. Lieberman.

CMRAE 3.985J: *Archaeological Science*. Massachusetts Institute of Technology, Spring 2003. Guest lecturer. "The Impact of Dating on the Interpretation of Cultural Revolutions: The Development of Modern Humans and the Origins of Agriculture." H. Lechtman.

Anthropology 140: *The Transition from Hunting-Gathering to Agriculture*. Harvard University, Fall 2001. Guest lecturer. "The Introduction of Agriculture to Europe: Communities and Economies in Conflict." O. Bar-Yosef & R. Meadow.

Anthropology 100: *Rediscovering Past Societies: A Survey of World Prehistory*. Harvard University, Fall 2001. Guest lecturer. "The Demise of the Neanderthals and the Ascendancy of Modern Humans." E. Kansa.

Anthropology 100: *Rediscovering Past Societies: A Survey of World Prehistory*. Harvard University, Fall 2001. Guest lecturer. "The Morphologies and Cultures of Archaic Hominins." E. Kansa.

Anthropology 206: *Topics in Human Evolution*. Harvard University, Spring 2001. Guest lecturer. "The Late Middle Palaeolithic of Northwest Europe Prior to the Appearance of Modern Humans." O. Bar-Yosef & D. Pilbeam.

Archaeology 708: *Site Formation Processes*. Boston University, Spring 2001. Guest lecturer. "Site Formation Processes in Floodplain Environments." P. Goldberg.

Anthropology 100: *Rediscovering Past Societies: A Survey of World Prehistory*. Harvard University, Fall 2000. Guest lecturer. "The Introduction of Agriculture to Europe: Communities and Economies in Conflict." Dr. M. Sugerman.

Anthropology 100: *Rediscovering Past Societies: A Survey of World Prehistory*. Harvard University, Fall 2000. Head Teaching Fellow. M. Sugerman.

Anthropology 100: *Rediscovering Past Societies: A Survey of World Prehistory*. Harvard University, Spring 2000. Teaching Fellow. O. Bar-Yosef & E. Chilton.

Anthropology 101: *Introduction to Archaeology*. Harvard University, Spring 2000. Guest lecturer. "Lithic Reduction and Technology Lab." J. Gerry.

Anthropology 140: *The Transition from Hunting-Gathering to Agriculture*. Harvard University, Fall 1999. Guest lecturer. "The Introduction of Agriculture to Europe: Communities and Economies in Conflict." O. Bar-Yosef & R. Meadow.

Anthropology 140: *The Transition from Hunting-Gathering to Agriculture*. Harvard University, Fall 1999. Teaching Fellow. O. Bar-Yosef & R. Meadow.

Archaeology 708: *Site Formation Processes*. Boston University, Fall 1999. Guest lecturer. "Site Formation Processes in Alluvial Contexts." P. Goldberg.

Anthropology 196: *Archaeology of New England*. Harvard University, Fall 1999. Guest lecturer. "Lithic Reduction and Technology Lab." E. Chilton.

Anthropology 100: *Rediscovering Past Societies: An Introduction to Archaeology*. Harvard University, Spring 1999. Teaching Fellow. O. Bar-Yosef & E. Chilton.

Anthropology 117: *Human Evolution: Paleontology and Paleolithic Archaeology*. Harvard University, Spring 1998. Teaching Fellow. D. Pilbeam & O. Bar-Yosef.

Anthropology 100: *Rediscovering Past Societies: An Introduction to Archaeology*. Harvard University, Spring 1998. Teaching Fellow. Y.-K.Lee.

Anthropology 17: *Human Evolution*. Harvard University, Spring 1997. Guest lecturer. "Methods of Early Human Stone Tool Production." M. Tappen.

Anthropology 140: *The Transition from Hunting-Gathering to Agriculture*. Harvard University, Fall 1995. Guest lecturer. "Lithic Reduction and Technology During the Neolithic." O. Bar-Yosef & R. Meadow.

AWARDS/PRIZES/HONORS

American Association for the Advancement of Science (AAAS), 4-year membership awarded by the Office of the Provost, University of Connecticut, January 1, 2015.

Elected 2009/2010 Archaeological Institute of Archaeology Lecturer, declined.

Elected 2008/2009 Archaeological Institute of Archaeology Lecturer, accepted.

Nominee, Levenson Memorial Teaching Prize for excellence in undergraduate teaching, 2005, Harvard University.

Certificate of Distinction in Teaching: Spring 2001. Derek Bok Center for Teaching and Learning and the Office of the Dean for Undergraduate Education. Anthropology 100: *Rediscovering Past Societies: A Survey of World Prehistory*. Harvard University, Fall 2000. Teaching Fellow.

Certificate of Distinction in Teaching: Fall 2000. Derek Bok Center for Teaching and Learning and the Office of the Dean for Undergraduate Education. Anthropology 100: *Rediscovering Past Societies: A Survey of World Prehistory*. Harvard University, Spring 2000. Teaching Fellow.

Certificate of Distinction in Teaching: Spring 2000. Derek Bok Center for Teaching and Learning and the Office of the Dean for Undergraduate Education. Anthropology 140: *The Transition from Hunter-Gathering to Agriculture*. Harvard University, Fall 1999. Teaching Fellow.

Certificate of Distinction in Teaching: Fall 1999. Derek Bok Center for Teaching and Learning and the Office of the Dean for Undergraduate Education. Anthropology 100: *Rediscovering Past Societies: An Introduction to Archaeology*. Harvard University, Spring 1999. Teaching Fellow.

PROFESSIONAL PRESENTATIONS

Conferences in Human Evolutionary Studies (CHES): Frontiers in Archaeological Science, Rutgers University, October 23–25, 2017. The Challenges and Benefits of Coordinated Field Research in Archaeological Science.

Israel Science Foundation and Wenner-Gren Foundation workshop: The Lower to Middle Paleolithic Boundary: a view from the Near East, Haifa, Israel, November 5–10, 2017. *Behavioral and Technological Evolution of Late Middle Pleistocene Hominins in the Southern Caucasus*.

European Society for Human Evolution, 7th Annual Meeting, Leiden, Netherlands, September 21–23, 2017. *The Relevance of Nor Geghi 1 (Armenia) to the Behavioral and Technological Evolution of Middle Pleistocene Hominins in the Southern Caucasus*.

New York University, Department of Anthropology, Center for the Study of Human Origins (CSHO) Colloquium Series, April 27, 2017. *The Context and Relevance of Nor Geghi 1 to Middle Pleistocene Hominin Behavior in the Southern Caucasus*.

Norwalk Community College, Archaeology Club, December 8, 2016. *Early Levallois Technology and the Transition from the Lower to Middle Palaeolithic in Armenia and the Southern Caucasus*.

National Academy of Sciences, Institute of Geological Sciences, Institute of Archaeology and Ethnography, Yerevan, Armenia, in collaboration with the International Union for Quaternary Research (INQUA) and the Section on European Quaternary Stratigraphy (SEQS). Europe and Asia: Quaternary stratigraphy and Paleolithic human occupation in Armenia and Southern Georgia, September 3–10, 2016. *Nor Geghi 1: Its Middle Pleistocene Geological Context And Relevance to Palaeolithic Archaeology in the Southern Caucasus*.

Middle East Technical University, Ankara, Turkey. Palaeolithic Research in the Armenian Highlands and Anatolia, October 20, 2015. *The Evolution of technology and the transition from the Lower to Middle Palaeolithic in the Southern Caucasus*.

Archaeological Associates of Greenwich, The Bruce Museum, Greenwich, CT, September 17, 2015. *Excavations in Armenia: Transitions from lower to middle Paleolithic (425,000 to 130,000 years ago)*.

Senckenberg Institute, Frankfurt, Germany. The Role of Culture in Early Expansions of Humans, July 13–17, 2015. *Early Levallois technology and the transition from the Lower to Middle Palaeolithic in the Southern Caucasus*.

The New York Consortium in Evolutionary Primatology (NYCEP), April 23, 2015. *Hominin Behavioral Variability*

During the Middle and Upper Pleistocene in the Hrazdan Gorge, Armenia.

Paleoanthropology Society, 2015 Annual Meeting, April 14–15, San Francisco, CA. *Early Levallois Technology and the Transition from the Lower to Middle Palaeolithic in the Southern Caucasus.*

The Role of the Southern Caucasus on Early Human Evolution and Expansion- Refuge, Hub, or Source Area? Georgian National Museum, Tbilisi, October 15–20, 2013. *Earliest Evidence for Levallois Technology and the Transition from the Lower to Middle Palaeolithic in the Caucasus: New Data from Nor Geghi 1, Armenia.*

The American Research Institute of the South Caucasus (ARISC), Yerevan State University and the Institute for Archaeology and Ethnography, June 2012. *Palaeolithic foragers of the Hrazdan Gorge, Armenia.*

Paleoanthropology Society, 2012 Annual Meeting, April 17–18, Memphis Tennessee. *Palaeolithic foragers of the Hrazdan Gorge, Armenia.*

Harvard University, Department of Anthropology, Peabody Museum, October 12, 2011. *Palaeolithic foragers of the Hrazdan Gorge, Armenia.*

American School of Oriental Research, 2011 Annual Meeting, November 16–19, San Francisco, California. *Palaeolithic foragers of the Hrazdan Gorge, Armenia.*

Eberhard Karls Universität Tübingen, Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters Abteilung, Germany, July 22, 2011. Invited speaker. Thresholds in Prehistory. *Palaeolithic Foragers of the Hrazdan Gorge.*

Society for American Archaeology, 76th annual meeting, Sacramento, CA, April 1, 2011. Invited speaker. Symposium 114: Advances in the Prehistory of the Southern Caucasus. D.S. Adler, R. Pinhasi, B. Yeritsyan, B. Gasparian and K. Wilkinson, *Current Palaeolithic research at Nor Geghi 1 and Lusakert Cave 1, Armenia.* Could not attend due to birth of son.

International Council for Archaeozoology, Paris, France, August 23–28, 2010. Invited speaker. Session 6: Variability In Human Hunting Behavior During Oxygen Isotope Stages (OIS) 4/3: Implications For Understanding Modern Human Origins. D.S. Adler, N. Cleghorn, and G. Bar-Oz (delivered by Cleghorn), *Faunal Acquisition and Processing Behaviors in the Caucasus during the Middle and Upper Palaeolithic.* Could not attend due to UConn academic schedule.

Universitat Rovira I Virgili, Institut Català de Paleoeologia Humana I Evolució Social (IPHES), Tarragona, Spain, October 6–9, 2009. Invited speaker. International conference on *The Neanderthal Home: Spatial and Social Behaviours*, in celebration of 100 years of Palaeolithic research at Abric Romani. D.S. Adler, R. Pinhasi, B. Gasparian, N. Tushabramishvili, B. Yeritsyan, *Neanderthal Life-ways in the Southern Caucasus.*

Institute of Archaeology and Ethnography, Yerevan, Armenia, September 3–9, 2009. Invited speaker. International conference celebrating 50 years of the Institute of Archaeology and Ethnography.

1. Pinhasi R., Gasparian B., Wilkinson K., Bailey R., Bar-Oz G., Bruch A., Hoffmann D., Hovsepian, R., Nahapetyan S., Adler D.S., Pike A.W.G., Stephens M., *Hovk 1 cave: indications of Paleolithic human and bear activities in a mountainous environment.*

2. Pinhasi R., Adler D.S., Yeritsyan B., Wilkinson K., Bar-Oz G., Gasparian B., Nahapetyan S., Mallol C., Berna F., Bailey R., Higham T., Blockley S., Hovsepian R., Schmidt, B., *The Hrazdan River Gorge Palaeolithic Project, 2008-2009.*

University of New Brunswick, Fredericton, New Brunswick, Canada, May 2009. Archaeological Institute of America Lecturer: *The Neanderthals.*

University of New Hampshire, Durham, New Hampshire. Invited speaker, March 2009: *The Neanderthals.*

Hofstra University, Long Island, New York. Archaeological Institute of America Lecturer, November 2008: *The Neanderthals.*

Basel University, Switzerland, May 7–11, 2008. Invited speaker. Palaeolithic Research Institute for Prehistory and Archaeological Science, The Lower and Middle Palaeolithic in the Near East and Neighbouring Regions. *Competitive Exclusion and Neanderthal Extinction in the Southern Caucasus.*

Basel University, Switzerland, May 7–11, 2008. Invited speaker. Palaeolithic Research Institute for Prehistory and Archaeological Science, The Lower and Middle Palaeolithic in the Near East and Neighbouring Regions. *What's the point? Late Middle Pleistocene blade & point production in the southern Caucasus.*

Connecticut Junior Science and Humanities Symposium, Storrs, CT, March 9, 2007. Invited Keynote speaker. This program brought to campus 200 CT high school students and 40 teachers for a program focused on the independent research of the students. My keynote address was entitled: *The Science of Neanderthal-Modern Human Interactions.*

Institute for American Indian Studies, Washington, CT, October 13, 2007. Invited speaker. "Connecticut Archaeologists around the World."

University of Massachusetts, Amherst, Department of Anthropology, September 25, 2007. Invited speaker. *Neanderthal Extinction*.

Smithsonian Institution & George Washington University, Washington, DC, April 22, 2007. Invited speaker. *Competitive Exclusion and Neanderthal Extinction in the Southern Caucasus*.

Harvard University, Cambridge, MA, April 22, 2007. Invited speaker. Transitions in Prehistory: Papers in Honor of Ofer Bar-Yosef. *Cultural, Behavioral, and Biological Discontinuities at the Middle–Upper Palaeolithic Transition in the Southern Caucasus*.

XVth Congress of The International Union for Prehistoric and Protohistoric Sciences (U.I.S.P.P.), Lisbon, Portugal, September 4–9, 2006. Symposium C57: Setting the Record Straight: Toward a Systematic Chronological Understanding of the Middle–Upper Palaeolithic Boundary in Eurasia. *Dating the Demise: Neanderthal Extinction and the Establishment of Modern Humans in the Southern Caucasus*.

Universität Bonn, Germany, July 21–26, 2006. 150 Years of Neanderthal Discoveries: Early Europeans - Continuity & Discontinuity. *Discontinuities at the Middle-Upper Palaeolithic Boundary in the Southern Caucasus*.

Johannes Gutenberg Universität, Mainz, Institut für Ur- und Frühgeschichte, July 19, 2006. Invited speaker. *Cultural, Biological, and Behavioral Discontinuities at the Middle-Upper Palaeolithic Boundary in the Southern Caucasus*.

Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology, Leipzig Germany, May 17–21 2006. Invited speaker. The Evolution of Hominid Diets: Integrating approaches to the study of Palaeolithic subsistence. *Seasonal Patterns of Prey Acquisition During the Middle and Upper Palaeolithic of the Southern Caucasus*.

Yale University, Department of Anthropology, Feb. 24, 2006. Invited speaker. *Neanderthal-Modern Human Interactions in the Southern Caucasus*.

Society of American Archaeology, 70th annual meeting, Salt Lake City, Utah, March 31–April 4, 2005. *The Open-Air Component of Middle Palaeolithic Mobility and Land Use in the Dmanisi Region, Georgian Republic*.

Eberhard Karls Universität Tübingen, Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters Abteilung, Germany, July 7–10, 2004. Invited speaker. *Neanderthals and Modern Humans Meet. Between a Rock and a Hard Place: Neanderthal-Modern Human Interactions in the Southern Caucasus*.

Society of American Archaeology, 69th annual meeting, Montreal, Canada, March 31–April 4, 2004. Invited speaker. Symposium 129, New Perspectives in Eurasian Prehistory: Papers in Honor of Professor Ofer Bar-Yosef, Part I. Patterns of Lithic Reduction and Tool Use Along the Southern Slopes of the Caucasus: New Data from the Late Middle Palaeolithic Rockshelter of Ortvale Klde.

Paleoanthropology Society, March 30–31, 2004, Montreal, Canada. *The Seasonal Exploitation of Capra caucasica During the Middle and Upper Paleolithic of the Southern Caucasus*.

WBUR, 90.9 FM, Boston, August 2003. Invited speaker. Abrupt Climate Change and Human Evolution. Discussant with William H. Calvin on *The Connection*, hosted by Judy Swallow.

Paleoanthropology Society, March 19–20, 2002, Denver, CO. *The Latest Neanderthals of the Southern Caucasus: New Dates and New Data from Ortvale Klde*.

SUNY Stony Brook, Department of Anthropology, Stony Brook, NY, December 4, 2001. *The Neanderthals of the Southern Caucasus: An Introduction to New Palaeolithic Research in the Georgian Republic*.

Harvard University, Department of Anthropology, Cambridge, MA, November 28, 2001. *Modeling Land-use and Mobility Among the Last Neanderthals of the Southern Caucasus*.

XIV International Congress of Prehistoric and Protohistoric Sciences, Liege, Belgium, September 2–8, 2001. Commission 27, Middle Paleolithic and Middle Stone Age Settlement Systems. *Middle Palaeolithic Settlement and Subsistence Patterns in the Southern Caucasus*.

Society of American Archaeology, 66th annual meeting, New Orleans, LA, April 18–22, 2001. Symposium 222, Multiple Occupations and Complex Deposition: Archaeology in Three Dimensions. *Patterns of Spatial Organization and Mobility during the Eemian Interglacial in the Rhineland: New Data from Wallertheim*.

Boston University, Department of Archaeology, Boston, MA, November 11, 2001. Conference on Landscape Archaeology. *Repopulating the Palaeolithic Landscape: Landscape Archaeology and Middle Palaeolithic Settlement in the Rhineland*.

Eberhard Karls Universität Tübingen, Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters Abteilung, Germany, June 6, 2000. *The Palaeolithic Prehistory of the Southern Caucasus: A View from Western Georgia*.

Society of American, 65th annual meeting, Philadelphia, PA, April 5–9, 2000. *Archaeological Patterns of Spatial Organization and Mobility During the Eemian Interglacial in the Rhineland: New Data from Wallertheim, Germany*.

Paleoanthropology Society, University Museum, Philadelphia, PA, April 4–5, 2000. *The Palaeolithic Occupations at Ortvaale Klde and Their Bearing on the Prehistory of Transcaucasia*.

Harvard University, Department of Anthropology, Cambridge, MA, March 4, 1999. Lectures in Old World Prehistory. *Reconstructing Land-use Patterns During the Middle Palaeolithic of the Rhineland*.

Massachusetts Archaeology Society (Boston Chapter), Cambridge, MA, February 17, 1999. *Lithic Procurement and Reduction Strategies and Their Influence on Mobility Patterns During The Middle Palaeolithic of the Rhineland*.

Harvard University, Department of Anthropology, Cambridge, MA, February 25, 1998. *Current Research on the Middle Palaeolithic of the Rhineland: New Data from Wallertheim, Germany*.

Eberhard Karls Universität Tübingen, Institut für Ur- und Frühgeschichte, Germany, November 10, 1997. *The Middle Palaeolithic Locality of Wallertheim: Current Faunal and Lithic Research*.

XVIII Recontres International d'Archéologie et d'Histoire d'Antibes, Économie Préhistorique: Les Comportements de Subsistence au Paléolithique, Antibes, France, October 23–25, 1997. *Refitting Bones and Stones as a Means of Reconstructing Middle Palaeolithic Subsistence in the Rhineland*. Paper presented with N. J. Conard and T. P. Prindiville.

Eberhard Karls Universität Tübingen, Institut für Ur- und Frühgeschichte, Germany, March 23–25, 1997. Second Wallertheim Workshop. *Middle Palaeolithic Technology and Pre-Modern Hominid Behavior: Evidence from Wallertheim D, Germany*.

Università di Roma "La Sapienza" Rome, Italy, May 26–28, 1995. Reduction Processes ("Châines Opératoires") for the European Mousterian. *Wallertheim Horizon D, An Example of High Resolution Archaeology in the Middle Palaeolithic*. Paper presented with N. J. Conard.

Museum für die Archäologie des Eiszeitalters, Schloss Monrepos, Neuwied, Germany, January 23, 1995. First Wallertheim Workshop. *Analysis of the Lithic Assemblage from Wallertheim D*.

SYMPOSIA ORGANIZED

National Academy of Sciences of The Republic of Armenia, Institute Of Geological Sciences, International Symposium: Loess Deposits as Archives of Environmental Change in the Past, Yerevan, Armenia, September 15-23, 2019. Member of Scientific Committee.

XVth Congress of The International Union for Prehistoric and Protohistoric Sciences (U.I.S.P.P.), Lisbon, Portugal, September 4–9, 2006. Session C57: *Setting the Record Straight: Toward a Systematic Chronological Understanding of the Middle–Upper Palaeolithic Boundary in Eurasia*. Co-Organized with Dr. Olaf Jöris, Forschungsinstitut für Vor- und Frühgeschichte, Forschungsbereich Altsteinzeit, Neuwied, Germany, and Dr. William Davies, University of Southampton, Southampton, UK.

GRANTS

National Geographic Society (NGS): \$25,170.00, submitted Feb. 2016, *not awarded*. Technological Continuity and Change During the Late Middle Pleistocene in Armenia. PI: D.S. **Adler** (UConn), Co-PI: K. Wilkinson (Winchester, UK), Co-PI: B. Gasparyan (YSU).

The Leverhulme Trust: £387,792, April 2016 to April 2018. Awarded April 2016. A High-resolution Chronology for Early Humans in the Southern Caucasus. PI: K. Wilkinson (Winchester, UK), Co-PI: S. Blockley (RHUL, UK), Co-PI: D.S. **Adler** (UConn), Co-PI: D. Mark (SUERC, UK).

Natural Environments Research Council (NERC): £788,577.77, submitted June. 2015, *not awarded*. Quaternary development of the Upper Aras and Kura Catchments in NE Turkey, Georgia and Armenia: A context for early hominin occupation and dispersal. PI: D Maddy (Newcastle, UK), Co-PI: K. Wilkinson (Winchester, UK), PP: D.S. **Adler** (UConn).

Norian Armenian Studies Committee, University of Connecticut: \$9,000, 2015. Hrazdan Gorge Palaeolithic Project, Armenia. PI: D.S. Adler (UConn).

National Science Foundation: \$199,470.00, 2014, *not awarded*. Technological Continuity and Change During the Late Middle Pleistocene in Armenia. PI: D.S. **Adler** (UConn), Co-PI: K. Wilkinson (Winchester, UK), Co-PI: E. Frahm (Minnesota).

National Science Foundation: \$230,441.00, 2014, *not awarded*. Reflected in Obsidian: Settlement Patterns, Resource

Provisioning, and Social Networks During the Lower and Middle Palaeolithic in Armenia. PI: J. Feinberg (Minnesota), Co-PI: E. Frahm (Minnesota), Co-PI: D.S. Adler.

Norian Armenian Studies Committee, University of Connecticut: \$15,000, 2013. Palaeolithic Settlement and Subsistence in the Hrazdan Gorge, Armenia. PI: D.S. Adler (UConn).

Faculty Large Grant, University of Connecticut: \$24,973, 2011. Final Data Collection and Analysis for the Hrazdan Gorge Palaeolithic Project, Armenia.

Faculty Travel Grant, University of Connecticut: \$659, 2011. Travel to the annual meeting of the American School of Oriental Research, San Francisco, CA.

L.S.B. Leakey Foundation: \$13,460, 2011–2012. Palaeolithic Settlement and Subsistence in the Hrazdan Gorge, Armenia. PI: D.S. Adler (UConn); Co-PIs: R. Pinhasi (UC Cork), P. Arvestyian (Institute of Archaeology and Ethnography, Armenia), K. Wilkinson (Univ. Winchester).

Office of International Affairs, University of Connecticut: \$3,580, 2011. Palaeolithic Settlement and Subsistence in the Hrazdan Gorge, Armenia. PI: D.S. Adler (UConn).

Norian Armenian Studies Committee, University of Connecticut: \$3,000, 2011. Palaeolithic Settlement and Subsistence in the Hrazdan Gorge, Armenia. PI: D.S. Adler (UConn).

L.S.B. Leakey Foundation: \$11,000, 2010–2011. Palaeolithic Settlement and Subsistence in the Hrazdan Gorge, Armenia. PI: D.S. Adler (UConn); Co-PIs: R. Pinhasi (UC Cork), P. Arvestyian (Institute of Archaeology and Ethnography, Armenia), K. Wilkinson (Univ. Winchester).

Science Foundation of Ireland: €241,591, 2008–2011. Redating the Middle-Upper Palaeolithic Transition in the Caucasus, Armenia, Georgia, and Southern Russia via AMS, OSL, and tephra, and the direct dating of Neanderthal fossils via AMS. PI R. Pinhasi (UC Cork); CoPI D.S. Adler.

Government of Ireland Small Research Project Grants in the Humanities and Social Sciences: €48,124, 2008–2009. The Hrazdan Gorge Palaeolithic Project in Armenia. PI R. Pinhasi (UC Cork); CoPI D.S. Adler.

Norian Armenian Studies Committee, University of Connecticut: \$15,500, 2008. Development of the Archaeological Field School in Armenian Prehistory, The Hrazdan Gorge Palaeolithic Project in Armenia.

Norian Armenian Studies Committee, University of Connecticut: \$2,100, 2008. Development of the Archaeological Field School in Armenian Prehistory, The Hrazdan Gorge Palaeolithic Project.

Faculty Travel Grant, University of Connecticut: \$1200, 2008. Basel University, Switzerland: Palaeolithic Research Institute for Prehistory and Archaeological Science, *The Lower and Middle Palaeolithic in the Near East and Neighbouring Regions* May 7–11, 2008.

Faculty Large Grant, University of Connecticut: \$23,523, 2008. Equipment for the Archaeological Field School in Armenian Prehistory, The Hrazdan Gorge Palaeolithic Project.

Norian Armenian Studies Program, University of Connecticut: \$3,000, 2007. Development of the Archaeological Field School in Armenian Prehistory, The Hrazdan Gorge Palaeolithic Project.

Faculty Travel Grant, University of Connecticut: \$1850, 2006. Travel to the XVth UISPP, Lisbon, Portugal.

Faculty Research Grant, University of Connecticut: \$1000, 2006. Research in the Georgian Republic.

Faculty Travel Grant, University of Connecticut: \$1100, 2005. Travel to the 71st SAA, San Juan, Puerto Rico.

American School for Prehistoric Research, Harvard University: \$6,000, 2004. Dating of Bronze Cave and Ortvale Klde.

Wenner-Gren Foundation for Anthropological Research: \$24,550, 2003–2005. Individual Research Grant (#7059) to conduct the Mashavera Gorge Palaeolithic Project, Georgian Republic.

Wenner-Gren Foundation for Anthropological Research: \$20,000, 2002. Dissertation Completion Grant (#6881).

American School for Prehistoric Research, Harvard University: \$9,000, 2002. Dissertation completion.

American School for Prehistoric Research, Harvard University: \$8,000, 2001. The excavation, analyses, dating, and publication of material from the Middle Palaeolithic site of Ortvale Klde, Georgian Republic.

Departmental Merit Scholarship: \$9,000, 2001–2002, Department of Anthropology, Harvard University.

C. Du Bois Dissertation Completion Grant: \$10,000, 2001–2002. Department of Anthropology, Harvard University.

The Davis Center for Russian Studies: \$2500, 2000. Travel grant for dissertation research in the Georgian Republic.

L. S. B. Leakey Foundation: \$12,000, 2000. Dissertation research.

American School for Prehistoric Research, Harvard University: \$2,000, 2000. The excavation, analyses, dating and publication of material from the Middle Palaeolithic site of Ortvale Klde, Georgian Republic.

Frederick Sheldon Travelling Fellowship: \$14,000, 2000. Committee on General Scholarships, Harvard University.

Mellon Foundation: \$2,000, 2000. The excavation, analyses, dating and publication of material from the Middle Palaeolithic site of Ortvale Klde, Georgian Republic.

Mellon Foundation: \$1,500, 1999. The excavation, analyses, dating and publication of material from the Middle Palaeolithic site of Ortvale Klde, Georgian Republic.

American School for Prehistoric Research, Harvard University: \$2,000, 1999. The excavation, analyses, dating and publication of material from the Middle Palaeolithic site of Ortvale Klde, Georgian Republic.

Mellon Foundation (Pre-dissertation Fieldwork): \$6,000, 1997. The analyses and publication of material from the Middle Palaeolithic site of Wallertheim. Universität Tübingen, Germany.

American School for Prehistoric Research, Harvard University: \$700, 1997. Travel grant to attend the Second Wallertheim Workshop. Universität Tübingen, Germany.

American School for Prehistoric Research, Harvard University: \$4,000, 1996. Fieldwork at the lower Middle Pleistocene site of Akhalkalaki, Republic of Georgia.

Harvard University, Teschemacher Fund: \$2,600, 1996. The analyses and publication of material from the Middle Palaeolithic site of Wallertheim. Universität Tübingen, Germany.

American School for Prehistoric Research, Harvard University: \$6,000, 1995. Fieldwork at the lower Middle Pleistocene site of Akhalkalaki, Republic of Georgia.