

CURRICULUM VITAE

Name: Paul Goldberg

Born: Brooklyn, New York, USA

Centre for Archaeological Science (CAS)
School of Earth, Atmospheric and Life Sciences
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University of Tübingen
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Boston, MA 02215, USA

Education:

Ph.D. 1973 Geology, University of Michigan
M.S. 1968 Geology, University of Michigan
B.A. 1965 Geology, University of Colorado

Academic Experience:

June 2017, 2018: Geoarchaeology Field School, Corinth Greece (P. Karkanas, Am. School, Athens Director)
July, 2014 – present: Professorial Research Fellow, School of Earth and Environmental Sciences, University of Wollongong, Australia
January, 2015 – present: Affiliated Professor of Geoarchaeology and Senior Researcher in the Institute of Archaeological Sciences, University of Tübingen
July, 2014 – Professor Emeritus, Boston University
2008-2009 – Professor, Department of Archaeology, Simon Fraser University, Burnaby, BC, Canada.
2001, September – June 30, 2014: Professor, Department of Archaeology, Boston University.

2006, January: Invited Professor, Laboratoire d'Anthropologie-Archéométrie, Université de Rennes 1, France.

1995, Sept. - August, 2001: Associate Professor, Department of Archaeology, Boston University.

1993, Fall: Visiting lecturer, Department of Geography, University of Texas at Austin.

1992, January – August, 1995: Research Fellow, Texas Archeological Research Laboratory, University of Texas at Austin.

1990, Fall: Visiting Associate Professor, Department of Anthropology, Harvard University.

1991-present: Research Associate, Peabody Museum, Harvard University.

1990, August-1993, June: Research Associate, Department of Archaeology, Boston University.

1989-1990: Visiting Scholar, Department of Anthropology, Harvard University.

1985, Spring: Visiting Professor, Department of Anthropology and Sociology, University of British Columbia.

1984-1991: Associate Professor, Institute of Archaeology, Hebrew University, Jerusalem.

1979-1984: Senior Lecturer, Institute of Archaeology, Hebrew University, Jerusalem. (Chairman, Department of Prehistory, 1981-1984).

1975-1979: Lecturer, Institute of Archaeology, Hebrew University, Jerusalem.

1973-1975: Lady Davis Post-doctoral Fellow, Institute of Archaeology, Hebrew University, Jerusalem.

1972, 1973, Summers: Lecturer in Earth Science, Kingsborough Community College, Brooklyn, N.Y.

Field Experience:

July, 2017: Combustion features Pech de l'Azé IV Layer 8, Dordogne, France (with H.L. Dibble, D. Sandgathe, V. Aldeias)

August, 2016, 2018: Geoarchaeology and micromorphology at Denisova Cave, Russia (with M. Morley, R.G. Roberts, Z. Jacobs)

June, July 2015: Field work at Liang Bua, Flores, Indonesia (geoarchaeology, micromorphology with M. Morley; T. Sutikna, M. Tocheri, dirs.)

April, 2015: Field work at Lake Mungo Australia (geoarchaeology and microfacies)(with Z. Jacobs, N. Stern)

June, 2010, 2011, 2012, 2013, 2014: Re-evaluation of stratigraphy of La Ferrassie, France (with H. Dibble, A. Turq, S. McPherron, and D. Sandgathe)

June, 2012: Micromorphological sampling at Gault Site, Texas (M.B. Collins, director)

November, 2011, 2012: Micromorphology and site formation processes at Neolithic site of Shalonggang, China (with O. Bar-Yosef, Xiaohong Wu)

December, 2010; November, 2013. Geoarchaeology at Diepkloof Rockshelter (assistant to Dr. C. E. Miller; Dr. P.J. Texier, CNRS, director).

June, 2009: Palaeolithic site of Contrebandiers Cave, Morocco (with H. Dibble)

August, 2009: Microstratigraphy and site formation at site of Xianrendong Cave, China

August, 2006: micromorphological sampling of Middle Palaeolithic site, Pinilla del Valle, Spain (Enrique Baquedano, director)

November, 2005: microstratigraphy at Early Neolithic site, Yuchanyan, Hunan Province, China (with O. Bar-Yosef and S. Weiner).

July, 2005; June, 2009: Stratigraphy, micromorphology, and site formation at Wonderwerk Cave, South Africa (M. Chazan, dir).

November, 2004: Micromorphology at Middle Stone Age site of Sibudu Cave, South Africa (L. Wadley, dir.).

July, 2004: Geoarchaeology and microstratigraphy at Dmanisi, Georgian Republic (D. Lordkipanidze, C. Reid Ferring, dirs.).

July, 2004, 2005, 2007: Geoarchaeology and microstratigraphy at Hohle Fels, Cave, Germany (N. Conard, dir.).

June/July, 2003, 2004, 2005, 2006, 2007, 2010, 2012, 2013, 2014: Boston University Archaeological Field School, Talayotic-Roman-Muslim settlements in Menorca (with A. Perez-Juez, R. Elia, co-directors).

June, 2004; July/August, 2005; May/June, 2006; July, 2007; July 2008; July 2009: Geoarchaeology and microsediments at the cave of Roc de Marsal, France (H. Dibble, S. McPherron, P. Goldberg, and A. Turq, dirs.).

March, 2003; Nov., 2004; Nov. 2006: Geoarchaeology and micromorphology of Middle and Late Stone Age sites at Pinnacle Point, near Mossel Bay, South Africa (Dr. C. Marean, dir.).

August, 2002: Geoarchaeology and micromorphology of coastal midden sites from St. Elejo Lagoon, California (B. Byrd, director).

August, 2001: Geoarchaeology of Palaeolithic sites in Republic of Georgia (Ortvale Klade, Dzudzuana; with D. Adler, O. Bar-Yosef).

June, July, 2001, 2002, 2003: Geoarchaeology of Pech de l'Azé IV Cave, Dordogne, France (H. Dibble and S. McPherron, dirs.).

May, 2001: Evaluation of microstratigraphy from Neolithic sites in Southern China (with O. Bar-Yosef and S. Weiner).

January, 2000: Assisted SUNY-Stony Brook graduate student, Jenna Cole in study of microstratigraphy and micromorphology of Middle Stone Age Blombos Cave, South Africa (Dr. C. Henshilwood, director).

September, 1999, 2000, 2002: Almonda Caves, Portugal, geoarchaeology of Lower and Middle Palaeolithic cave deposits at Galeria Pesada (Dr. A.E. Marks director).

August, 1999, 2000, 2001, 2002: Micromorphology and microstratigraphy from Upper Palaeolithic Hohle Fels and Geißenklösterle Caves, Germany (N. Conard, dir.).

August, 1999; July, 2000: Stratigraphy and micromorphology of sediments from Upper Palaeolithic Üçagizili Cave, Turkey (S. Kuhn, dir.).

June, 1999: Invited to collect micromorphology samples at Paleoindian, Hell Gap Site, Wyoming (M. Kornfeld, and G. Frison, dirs.).

August, 1998: Geoarchaeology of Tel Rechesh, Israel (assisted L.C. Nordt, Baylor Univ.; A. Joffe, dir.).

April, 1997, Nov., 1997: Evaluation of pits and tree throws from sites at Augustine Creek and Puncheon Run, Delaware (DelDOT and Louis Berger Associates).

January, 1997: Micromorphology and site formation of sediments from LSA, Blydefontein Rockshelter, S. Africa (with C.B. Bousman).

May, 1996, 1997: Micromorphology of sediments from Zhoukoudian Cave, China; with O. Bar-Yosef and S. Weiner. Evaluation of use of fire using micromorphology and FTIR.

June, 1995; August, 1997; Oct., 1998: Microstratigraphy of Bois Roche Cave, France (P. Villa and L. Bartram, dirs.).

November, 1994: Sampling for micromorphological analysis, floors from Demeter Sanctuary, and Frankish deposits from Corinth, Greece (N. Bookidis, dir.).

August, 1994: Project geologist (geomorphology, stratigraphy and micromorphology) at Bronze Age Tell of Titris Höyük, Turkey (G. Algaze, dir.).

May, 1993: Stratigraphy and micromorphology of Colha, Belize (T.R. Hester, dir.).

August, 1993: Geoarchaeological survey in the Georgian Republic (B. Isaac, dir.).

July, 1992 - February, 1993: Project geologist (sedimentology, stratigraphy, and micromorphology) at the Wilson-Leonard site, Texas (M. B. Collins, dir.).

August, 1992, 1996: Excavations at Karain and Öküzini Caves, Turkey; sedimentology and micromorphology of cave deposits (I. Yalçinkaya, dir.).

June, July, 1992-2000: Excavations at Hayonim Cave (Israel); stratigraphy, sedimentology and micromorphology of cave deposits (O. Bar-Yosef and B. Vandermeersch, dirs.).

February-March, 1992, 1993, 1995: Geology, stratigraphy and micromorphology of Die Kelders Cave, South Africa (F. Grine and R. Klein, dirs.).

December, 1991; April, 1993: Quaternary stratigraphy and geoarchaeological survey, Tennessee River, northern Alabama (B. Driskell, dir.).

September, 1991: Holocene Stratigraphy and Geoarchaeology of Rio Concho Terraces for San Angelo, Texas Wastewater Improvement Project.

July, 1991; June, 1992, 1993, 1994, 1997, 1998, 1999: Microstratigraphy, sedimentology and site formation processes at Dust Cave, Alabama (B. Driskell, dir.).

July, 1991: Microstratigraphy and sedimentary environment of Pliocene Lower Stone Age site, W. Turkana, Kenya (M. Kubinija, dir.).

Summers 1989, 1990, 1991: Gilat project, Chalcolithic settlement in northern Negev; stratigraphy and site formation processes (T.E. Levy, dir.).

May, 1989; September, 1995, 1996, 1997, 1998: Gorham's Cave Excavations, Gibraltar (C. Stringer, dir.); stratigraphy, sedimentology and palaeoenvironments of cave deposits (with R.I. Macphail).

April, 1986, 1987; July, 1988: micromorphology, microstratigraphy and site formation processes at Keatley Creek site, British Columbia (B. Hayden, dir.).

May-August, 1985: C.N.R.S. fellowship at Institut National Agronomique, Paris; micromorphology of sediments from Neolithic/Bronze Age Fort Harrouard (with M.-A. Courty and N. Fedoroff).

August, 1983: Mousterian site in Biqu'at Quneitra, Golan Heights (N. Goren, dir.); stratigraphy, and geology of site and surroundings.

September-October, 1982-1988; summers, 1987, 1989, 1990: Franco-Israeli excavations at Kebara Cave (Israel); stratigraphy and sedimentology of cave deposits.

September-October, 1982, 1983, 1984, 1987, 1988: Chalcolithic site of Shiqmim, Northern Negev (T.E. Levy, dir.); stratigraphy, depositional and environmental history of site and area.

April, 1980: Geological aspects of Late Bronze Age site of Deir el Balah, Western Negev (T. Dothan, dir.).

May, 1980: Micromorphology of sediments from Shaw's Creek Rockshelter, Australia (M.A.J. Williams, dir.).

September, 1979-February, 1980: French Government fellowship at Institut National Agronomique, Paris; micromorphology of loess and paleosols in the Paris Basin (with N. Fedoroff).

Summer, 1978: City of David excavations, Jerusalem (Y. Shiloh, dir.); geology of Hellenistic sediments.

Springs, 1977, 1978: Hebrew Univ./Ben Gurion Univ. excavations at Qadesh Barnea, Sinai; stratigraphy and evolution of Late Quaternary landscapes and palaeoenvironments.

Fall, 1976: French Government fellowship at Institute. du Quaternaire, Univ. de Bordeaux; micromorphology of sediments from Pech-de-l'Azé II rockshelter.

January, 1974, 1975, 1976: Hebrew Univ. excavations in Gebel Maghara, Sinai; stratigraphy and evolution of Late Quaternary landscapes and palaeoenvironments.

August-October, 1972; summers 1974, 1975, 1977: Southern Methodist Univ., Central Negev Project, Israel (A.E. Marks, dir.); Late Quaternary stratigraphy, palaeoenvironments, and evolution of landscapes.
Summers 1967, 1968, 1969, 1970: Univ. Michigan/Arizona Tabun Cave excavations, Mt. Carmel, Israel (A.J. Jelinek, dir.); stratigraphy and sedimentology of cave deposits.
Summer, 1966: field assistant to W.R. Farrand, studying loess in Rhine Valley, France.

Grants

March, 2018-February 2020: Documenting Neandertal Fire Signatures through High-Resolution Analyses at Pech de L'Azé IV (Harold L. Dibble, PI; Vera Aldeias, Dennis Sandgathe, Paul Goldberg, Co-PIs).
September, 2009-August 2011: "Improvements to Soil Micromorphology Laboratory," National Science Foundation Grant (No. BCS-0917739).
February, 2007: "Neandertal Pyrotechnology and Burial: Excavations at Roc de Marsal". H. Dibble, PI; Co-PI. National Science Foundation (Award BCS- 0650198).
February, 2006: "Palaeolithic Pyrotechnology, High Resolution Behavioral Events, and the Neanderthal/Modern Human Question." Principal Investigator. National Science Foundation (Award BCS-0551927).
June, 2000: Purchase of and FTIR Microscope for Analysis of Art, Archeological and Geological Materials. Principal Investigator. National Science Foundation. (Award BCS-0083555)
May, 2000: Acquisition of Near-Surface Geophysical and Sampling Equipment for Earth Surface Processes and Quaternary Stratigraphic Research; Co-Principal Investigator (PI: Prof. D. FitzGerald, Earth Sciences, Boston University). National Science Foundation.
May, 1997: "Micromorphological Analysis of Zhoukoudian Cave Site". L.S.B. Leakey Foundation. (Award EAR-0079588).
January, 1996: "Alternative Evidence for Domestic Stock in Southern Africa" (co-Principal Investigator with Dr. C. Britt Bousman, Southwest Texas University). National Science Foundation. (Award SBR-9515120).
June, 1996: "Undergraduate Field and Laboratory Equipment Improvement." Principal Investigator. National Science Foundation. (Award DUE-9651492)
September, 1996. "Sedimentology of Middle and Upper Palaeolithic deposits of Gorham's Cave, Gibraltar". An extension of the previously funded project, "Excavations in the Middle-Upper Palaeolithic of Gorham's Cave, Gibraltar". National Geographic Society.
September, 1995: "Excavations in the Middle-Upper Palaeolithic of Gorham's Cave, Gibraltar" (Drs. Chris Stringer and Richard I. Macphail, co-Principal Investigators). National Geographic Society.
November, 1994: "Micromorphological Analysis of Burned Layers from Hayonim and Kebara Caves, Israel." Care Foundation, London.
November, 1988: "Micromorphological Analysis of a Bedouin Tent Floor." Care Foundation, London.

Fellowships, Awards/Honors

February-April, 2019: Research Award, Alexander von Humboldt; University of Tübingen, Germany.
February-April, 2013: Alexander von Humboldt Senior Award; University of Tübingen, Germany.

Pomerance Award for Scientific Contributions to Archaeology, Archaeological Institute of America, January, 2010.

Fryxell Award, Society for American Archaeology, March, 2008.

January-August, 2004: Alexander von Humboldt Senior Award; University of Tübingen, Germany.

Rip Rapp Award, Archaeological Geology Division, Geological Society of America, 2002.

September-December, 1998: French Government Fellowship (“Poste Rouge”, C.N.R.S. Senior Scientist) to collaborate with Dr. Liliane Meignen at the Centre de Recherche Archéologique, Valbonne: hearths and geological history at Kebara Cave, Israel.

November, 1996: Taft Fellowship, University of Cincinnati to present lecture, “Microscopic Views of Archaeological Sites”.

December, 1995-January 1996: French Government Fellowship (Ministry of Higher Education), comparative micromorphology of Mousterian hearths from Kebara and Hayonim Caves, Israel. The work was conducted at the Centre de Recherche Archéologique, Valbonne with Dr. Liliane Meignen.

May-August, 1985: French Government Fellowship (C.N.R.S. Senior Scientist) to study micromorphology of Fort Harrouard with M.A. Courty, C.N.R.S.

September-December, 1979: French Government Fellowship (Ministry of Foreign Affairs) to study micromorphology of loess and paleosols in Northern France with N. Fedoroff, Institut National Agronomique, Paris-Plaisir.

September-December, 1976: French Government Fellowship (Ministry of Foreign Affairs) for micromorphological study of sediments from Pech de l’Azé II Cave, Université de Bordeaux I.

1973-1975: Lady Davis Post-doctoral Fellowship, Institute of Archaeology, Hebrew University, Jerusalem.

Professional Activities:

Associate Editor, *Geoarchaeology*

Associate Editor, *Archaeological and Anthropological Sciences*

Associate Editor, *Journal of Paleolithic Archeology*

Editorial Board of *Eurasian Prehistory*, (Jagellonian University and the American School of prehistoric Research, Harvard University)

Former (1994-2007) Co-Editor of journal, *Geoarchaeology*

Former member of Editorial Board of *PaleoAnthropology*

Former Associate Editor of *Journal of Human Evolution*

Organizer, International Workshop on Soil Micromorphology, Boston University Sargent Camp, October, 2003

Vice-Chair (1999), Chair (Nov., 2000), Archaeological Geology Division, Geological Society of America

Co-Organizer (with O. Bar-Yosef), Symposium on Site-Formation Processes, Society for American Archaeology Meeting, New Orleans, April 1991

Former Vice-President, Sub-Commission B of International Society of Soil Science (Soil Micromorphology)

Former Guest Editor (with Z.B. Begin), *Israel Journal of Earth Sciences*, Special Issue for INQUA, August, 1987

Former Member Soil Micromorphology Committee (S884) of the Soil Science Society of America

Former Regional correspondent for INQUA Subcommittee, Holocene of the Circum-Mediterranean Area

Memberships:

Geological Society of America (Fellow)
Palaeoanthropology Society
SEPM (Society for Sedimentary Geology)
Society for American Archaeology
Society for Archaeological Sciences
Society of Sigma Xi

PUBLICATIONS

Doctorate:

Goldberg, P. 1973. Sedimentology, Stratigraphy and Paleoclimatology of et-Tabun Cave, Mount Carmel, Israel. University Microfilms, Ann Arbor, Michigan.

Books:

- Karkanias, P., and Goldberg, P., 2018. *Reconstructing Archaeological Sites: Understanding the Geoarchaeological Matrix*. Wiley-Blackwell, Oxford.
- Dibble, H., McPherron, S.P., Goldberg, P., Sandgathe, D. (Eds), 2018. *The Middle Paleolithic Site of Pech de l'Azé IV, Cave and Karst Systems of the World*. Springer International, Basel.
- Macphail, R.I. and P. Goldberg, 2017. *Applied Soils and Micromorphology in Archaeology*. Cambridge University Press.
- Goldberg, P. and R.I. Macphail, 2006. *Practical and Theoretical Geoarchaeology*. Wiley-Blackwell Publishing, Oxford.
- Goldberg, P., V.T. Holliday, and C. Reid Ferring (eds.), 2001. *Earth Sciences and Archaeology*. Kluwer-Plenum, NY.
- Goldberg, P., M. Petraglia, and D.T. Nash (Eds.) 1993. *Formation Processes in Context*. Madison, Wisconsin, Prehistory Press, Monographs in World Archaeology No. 17.
- Courty, M.A., P. Goldberg, and R.I. Macphail, 1989. *Soil Micromorphology and Archaeology*. Cambridge University Press.

Articles:

- Goldberg, P., C.E. Miller, N.J. Conard, in press. Micromorphology and site formation at Geißenklösterle Cave, Germany. In: N.J. Conard and S. Münzel (Eds), *Geißenklösterle II: Kerns Verlag: Tübingen*.
- Patania, I., Goldberg, P., Cohen, D. J., Wu, X., Zhang, C., & Bar-Yosef, O., 2019. Micromorphological analysis of the deposits at the early pottery Xianrendong cave site, China: formation processes and site use in the Late Pleistocene. *Archaeological and Anthropological Sciences*, 1-21. <https://doi.org/10.1007/s12520-019-00788-6>
- Wroth, K., Cabanes, D., Marston, J.M., Aldeias, V., Sandgathe, D., Turq, A., Goldberg, P., Dibble, H.L., 2019. Neanderthal plant use and pyrotechnology: phytolith analysis from Roc de Marsal, France. *Archaeological and Anthropological Sciences*. <https://doi.org/10.1007/s12520-019-00793-9>
- Goldberg, P., 2018. Micromorphology. In: S. L. López Varela (Ed.) *The Encyclopedia of Archaeological Sciences*, pp. 1-4. John Wiley & Sons, Hoboken.
- Gutiérrez-Rodríguez, M., Toscano, M. and Goldberg, P., 2018. High-resolution dynamic illustrations in soil micromorphology: A proposal for presenting and sharing primary research data in publication. *Journal of Archaeological Science: Reports* 20, 565-575.

- Pérez-Juez, A. and Goldberg, P., 2018. Evidence of Quarrying at the Iron Age Site of Torre d'en Galmés, Menorca, Spain. *Boletín Geológico y Minero* (Instituto Geológico y Minero de España) 129 (1/2), 253-370.
- Dibble, H.L., Sandgathe, D., Goldberg, P., McPherron, S., Aldeias, V., 2018. Were Western European Neandertals able to make fire? *Journal of Paleolithic Archaeology*, published online.
- Goldberg, P., McPherron, S.P., Dibble, H., Sandgathe, D., 2018. Stratigraphy, Deposits and Site Formation, in: Dibble, H., McPherron, S.P., Goldberg, P., Sandgathe, D. (Eds.), *The Middle Paleolithic Site of Pech de l'Azé IV*. Springer International, pp. 21-74.
- Goldberg, P., Pérez-Juez, A., 2018. The hidden record at Torre d'en Galmés, Menorca. Accounts from soil micromorphological analysis. *PYRENAE* 47, 1-27.
- Goldberg, P., Aldeias, V., 2018. Why Does (Archaeological) Micromorphology Have Such Little Traction in (Geo)Archaeology? *Archaeological and Anthropological Sciences* 10, 269-278.
- Mallol, C., Goldberg, P., 2017. Cave and Rock Shelter Sediments, in: Nicosia, C., Stoops, G. (Eds.), *Archaeological Soil and Sediment Micromorphology*. Wiley-Blackwell, Oxford, p. 359-381.
- Gutiérrez-Rodríguez, M., Goldberg, P., Peinado, F.J.M., Schattner, T., Martini, W., Orfila, M., Acero, C.B., 2017. Melting, bathing and melting again. Urban transformation processes of the Roman city of Munigua: the public thermae. *Archaeol Anthropol Sci.*, 11 (1) 51-67.
- Richter, D., McPherron, S.P., Dibble, H., Goldberg, P., Sandgathe, D.S., 2017. Additional chronometric data for the small flake assemblages ('Asinipodian') from Pech de l'Azé IV (France) and a comparison with similar assemblages at the nearby site of Roc de Marsal, in: Wojtczak, D., Najjar, M.A., Jagher, R., Elsuede, H., Wegmüller, F., Otte, M. (Eds.), *Vocation préhistoire. Hommage à Jean-Marie Le Tensorer*. Études et Recherches archéologiques de l'Université de Liège, Liège, pp. 323-335.
- Matarazzo, T., Berna, F., & Goldberg, P., 2017. Micromorphological Study of Concotto Surfaces Protected by the Avellino Eruption in 3945 ± 10 cal. BP at the Early Bronze Age of Afragola Village in Southern Italy. *Environmental Archaeology*, 1-16.
- Goldberg, P., Miller, C.E., Mentzer, S.M., 2017. Recognizing Fire in the Paleolithic Archaeological Record. *Current Anthropology* 58, Supplement 16, S175-S190.
- Dibble, H.L., Abodolazadeh, A., Aldeias, V., Goldberg, P., McPherron, S.P., Sandgathe, D.M., 2017. How Did Hominins Adapt to Ice Age Europe without Fire? *Current Anthropology* 58, S278-S287.
- White, R., Mensan, R., Clark, A.E., Tartar, E., Marquer, L., Bourrillon, R., Goldberg, P., Chiotti, L., Cretin, C., Rendu, W., 2017. Technologies for the control of heat and light in the Vézère Valley Aurignacian. *Current Anthropology* 58, S288-S302.
- Stahlschmidt, M.C., Miller, C.E., Kandel, A.W., Goldberg, P., Conard, N.J., 2017. Site formation processes and Late Natufian domestic spaces at Baaz Rockshelter, Syria: A micromorphological perspective. *Journal of Archaeological Science: Reports* 12, 499-514.
- Song, Y., Cohen, D.J., Shi, J., Wu, X., Kvavadze, E., Goldberg, P., Zhang, S., Zhang, Y., Bar-Yosef, O., 2017. Environmental reconstruction and dating of Shizitan 29, Shanxi Province: An early microblade site in north China. *Journal of Archaeological Science* 79, 19-35.
- Goldberg, P., Aldeias, V., Dibble, H., McPherron, S., Sandgathe, D., Turq, A., 2017. Testing the Roc de Marsal Neandertal "Burial" with Geoarchaeology. *Archaeological and Anthropological Sciences* 9, 1005-1015.

- Goldberg, P., 2016. Kebara. In: A. S. Gilbert (Ed.) *Encyclopedia of Geoarchaeology*, pp. 453-455. Springer Science, Dordrecht.
- Goldberg, P. and Macphail, R.I., 2016. Microstratigraphy. In: A. S. Gilbert (Ed.) *Encyclopedia of Geoarchaeology*, pp. 532-537. Springer Scientific, Dordrecht.
- Goldberg, P., Holliday, V.T. and Mandel, R.D., 2016. Stratigraphy. In: A. S. Gilbert (Ed.) *Encyclopedia of Geoarchaeology*, pp. 913-916. Springer Scientific, Dordrecht.
- Karkanias, P. and Goldberg, P., 2016. Cave Settings. In: A. S. Gilbert (Ed.) *Encyclopedia of Geoarchaeology*, pp. 109-118. Springer Science, Dordrecht.
- Karkanias, P. and Goldberg, P., 2016. Soil Micromorphology. In: A. S. Gilbert (Ed.) *Encyclopedia of Geoarchaeology*, pp. 830-841. Springer Science, Dordrecht.
- Mandel, R.D. and Goldberg, P., 2016. Site Formation Processes. In: A. S. Gilbert (Ed.) *Encyclopedia of Geoarchaeology*, pp. 797-817. Springer Scientific, Dordrecht.
- Frouin, M., Guérin, G., Lahaye, C., Mercier, N., Huot, S., Aldeias, V., Bruxelles, L., Chiotti, L., Dibble, H.L., Goldberg, P., Madelaine, S., McPherron, S.J.P., Sandgathe, D., Steele, T.E. and Turq, A., 2017. New luminescence dating results based on polymineral fine grains from the Middle and Upper Palaeolithic site of La Ferrassie (Dordogne, SW France) *Quaternary Geochronology*.
- Castel, J.-C., Discamps, E., Soulier, M.-C., Sandgathe, D., Dibble, H.L., McPherron, S.J.P., Goldberg, P. and Turq, A., in press. Neandertal subsistence strategies during the Quina Mousterian at Roc de Marsal (France). *Quaternary International*.
- Cohen, D.J., Bar-Yosef, O., Wu, X., Patania, I., Goldberg, P., 2016. The Emergence of Pottery in China: Recent Dating of Two Early Pottery Cave Sites in South China. *Quaternary International*.
- Morley, M.W., Goldberg, P., 2017. Geoarchaeological research in the humid tropics: A global perspective. *Journal of Archaeological Science* 77, 1-9.
- Morley, M.W., Goldberg, P., Sutikna, T., Tocheri, M.W., Prinsloo, L.C., Jatmiko, Saptomo, E.W., Wasisto, S., Roberts, R.G., 2017. Initial micromorphological results from Liang Bua, Flores (Indonesia): Site formation processes and hominin activities at the type locality of *Homo floresiensis*. *Journal of Archaeological Science* 77, 125-142.
- Guérin, G., Frouin, M., Tuquoi, J., Thomsen, K.J., Goldberg, P., Aldeias, V., Lahaye, C., Mercier, N., Guibert, P., Jain, M., Sandgathe, D., McPherron, S.P., Turq, A. and Dibble, H.L., 2016. The complementarity of luminescence dating methods illustrated on the Mousterian sequence of the Roc de Marsal: A series of reindeer-dominated, Quina Mousterian layers dated to MIS 3 *Quaternary International*.
- Jacobs, Z., Jankowski, N., Dibble, H.L., McPherron, S.P., Soressi, M., Sandgathe, D. and Goldberg, P., 2016. The age of three Middle Palaeolithic sites: single-grain optically stimulated luminescence chronologies for Pech de l'Azé I, II and IV in France. *Journal of Human Evolution*, 95 80-103.
- Aldeias, V., Dibble, H.L., Sandgathe, D., Goldberg, P., McPherron, S.J.P., 2016. How heat alters underlying deposits and implications for archaeological fire features: A controlled experiment. *Journal of Archaeological Science*, 67, 64-79.
- Hoffecker, J.F., Holliday, V.T., Anikovich, M.V., Dudin, A.E., Platonova, N.I., Popov, V.V., Levkovskaya, G.M., Kuz'mina, I.E., Syromyatnikova, E.V., Burova, N.D., Goldberg, P.,

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