

Curriculum Vitae **Erik Trinkaus**

Address

Department of Anthropology
Washington University
St. Louis, MO 63130

32 Cliff Street
Burlington, VT 05401
E-mail: trinkaus@wustl.edu

Education and Degrees

1970-1975 University of Pennsylvania
Ph.D 1975 Dissertation: *A Functional Analysis of the Neandertal Foot*
M.A. 1973 Thesis: *A Review of the Fontéchevade Fossils*
1966-1970 University of Wisconsin
B.A. 1970

ACADEMIC APPOINTMENTS

Primary Academic Appointments

Current

2019- Mary Tileston Hemenway Professor of Arts & Sciences Emeritus, Department of Anthropology, Washington University

Previous

2002-2019 Mary Tileston Hemenway Professor of Arts & Sciences, Washington University
1997-2002 Professor: Department of Anthropology, Washington University
1996-1997 Regents' Professor of Anthropology, University of New Mexico
1987-1996 Professor: Department of Anthropology, University of New Mexico
1985-1987 Associate Professor: Department of Anthropology, University of New Mexico
1983-1985 Assistant Professor: Department of Anthropology, University of New Mexico
1978-1983 Associate Professor (untenured): Department of Anthropology, Harvard University
1975-1978 Assistant Professor: Department of Anthropology, Harvard University

Secondary Academic Appointments

2021-23 Adjunct Professor, Department of Anthropology, University of Vermont
1998-2004 Associate: Laboratoire d'Anthropologie des Populations du Passé (UMR 5809, CNRS), Université de Bordeaux I.
1984-1998 Associate: Les Populations du Passé: Biologie, Évolution, Pratiques funéraires (URA 376, CNRS), Université de Bordeaux I.
1978-1983 Associate Curator: Peabody Museum, Harvard University
1976-1978 Assistant Curator: Peabody Museum, Harvard University
1974-1976 Research Fellow: Peabody Museum, Harvard University

Visiting Professorships

- 1991 Professeur Associé du Centre National de la Recherche Scientifique: Laboratoire d'Anthropologie, Université de Bordeaux I
1986 Professeur Associé du Centre National de la Recherche Scientifique: Laboratoire d'Anthropologie, Université de Bordeaux I

International Fellowships

- 2016 President's International Fellowship Initiative (#2016DB001), Chinese Academy of Sciences
2015 Initiative d'Excellence de l'Université de Bordeaux
1990-91 Council for International Exchange of Scholars (Fulbright) (France)
1990 Japan Society for the Promotion of Science Research

MEMBERSHIPS

Honorary

- 2001- Academy of Science of Saint Louis
1996- National Academy of Sciences USA

Professional

- 1992-2018 Paleoanthropological Society
1990-2018 Anthropological Society of Nippon
1985-2019 Société d'Anthropologie de Paris
1973- American Association of Physical Anthropologists

INTRAMURAL AWARDS

- 2013 Faculty Mentor Award, Graduate School, Washington University
2011 Arthur Holly Compton Award for Faculty Achievement, Washington University
2005 Faculty Mentor Award, Graduate School, Washington University
1996 Regent's Professorship, University of New Mexico

PUBLICATIONS: Monographs

- Trinkaus, E., Walker, M.J. (Eds.) (2017) *The People of Palomas: The Neandertals from the Sima de las Palomas del Cabezo Gordo, Southeastern Spain*. College Station TX: Texas A&M University Press. pp. 278.
Trinkaus, E. (2016) *The Krapina Human Postcranial Remains. Morphology, Morphometrics and Paleopathology*. Zagreb: FF Press. pp. 152.
Trinkaus, E., Buzhilova, A.P., Mednikova, M.B., Dobrovolskaya, M.V. (2014) *The People of Sungir: Burials, Bodies and Behavior in the Earlier Upper Paleolithic*. New York: Oxford University Press. pp. 339.
Trinkaus, E., Constantin, S., Zilhão, J. (Eds.) (2013) *Life and Death at the Peștera cu Oase. A Setting for Modern Human Emergence in Europe*. New York: Oxford University Press. pp. 437.

- Doboş, A., Soficaru, A., Trinkaus, E. (2010) *The Prehistory and Paleontology of the Peştera Muierii, Romania. Études et Recherches Archéologiques de l'Université de Liège* 124: 1-122.
- Shang, H., Trinkaus, E. (2010) *The Early Modern Human from Tianyuan Cave, China*. College Station TX: Texas A&M University Press. pp. 245.
- Trinkaus, E., Svoboda, J.A. (Eds.) (2006) *Early Modern Human Evolution in Central Europe: The People of Dolní Věstonice and Pavlov. Dolní Věstonice Studies* 12. New York: Oxford University Press. pp. 489.
- Zilhão, J., Trinkaus, E. (Eds.) (2002) *Portrait of the Artist as a Child. The Gravettian Human Skeleton from the Abrigo do Lagar Velho and its Archeological Context. Trabalhos de Arqueologia* Vol. 22. pp. 609.
- Sládek, V., Trinkaus, E., Hillson, S.W., Holliday, T.W. (2000). *The People of the Pavlovian: Skeletal Catalogue and Osteometrics of the Gravettian Fossil Hominids from Dolní Věstonice and Pavlov. Dolní Věstonice Studies* 5. Brno: Akademie věd České republiky. pp. 244.
- Radovčić, J., Smith, F.H., Trinkaus, E., Wolpoff, M.H. (1988) *The Krapina Hominids: An Illustrated Catalog of the Skeletal Collection*. Zagreb: Mladost Publishing House. pp. 119.
- Trinkaus, E. (1983) *The Shanidar Neandertals*. New York: Academic Press. pp. 502.

PUBLICATION: Book

- Trinkaus, E., Shipman, P. (1992) *The Neandertals: Changing the Image of Mankind*. New York: Alfred A. Knopf Pub. pp. 454.¹

PUBLICATIONS: Edited Conference Volumes

- Trinkaus, E. (Ed.) (1989) *The Emergence of Modern Humans: Biocultural Evolution in the Later Pleistocene*. Cambridge UK: Cambridge University Press. pp. 285.
- Trinkaus, E. (Ed.) (1988) *L'Homme de Néandertal 3: L'Anatomie. Études et Recherches Archéologiques de l'Université de Liège*. Vol. 30. pp. 145.
- Trinkaus, E. (Ed.) (1983) *The Mousterian Legacy: Human Biocultural Change in the Upper Pleistocene*. Oxford: British Archaeological Reports. Vol. S164. pp. 227.

PUBLICATIONS: Articles and Chapters²

- Linscott, B., Devière, T., Duarte, C., Trinkaus, E., Zilhão, J. (2025) Direct hydroxyproline radio-carbon dating of the Lapedo child (Abrigo do Lagar Velho, Leiria, Portugal). *Science Advances* 11: eadp5769. doi.10.1126/sciadv.adp5769.*

¹ Reprinted/republished as: (1993) *The Neandertals: Changing the Image of Mankind*. London: Jonathan Cape; (1993) *Die Neandertaler. Spiegel der Menschheit*. Munich: C. Bertelsmann; (1994) *The Neandertals: of Skeletons, Scientists and Scandal*. New York: Vintage Books; (1996) *Les Hommes de Neandertal*. Paris: Seuil; (1998) *The Neandertals* (in Japanese). Tokyo: The English Agency (Japan).

² * indicates a publication in a peer-reviewed journal. † indicates an invited paper. ‡ indicates a paper deriving from a scientific conference.

- Trinkaus, E., Sparacello, V.S., Xing, S., Thibeault, A., Villotte, S. (2022) Describing Cro-Magnon: The femora, tibiae and fibulae. *Journal of Archaeological Science: Reports* 42: 103418. doi.org/10.1016/j.jasrep.2022.103418.*
- Trinkaus, E., Thibeault, A., Villotte, S. (2021) Disentangling Cro-Magnon: The pedal remains. *Journal of Archaeological Science: Reports* 40: 103228. doi.org/10.1016/j.jasrep.2021.103228.*
- Maureille, B., Trinkaus, E. (2021) Shanidar 1: Un individu physiquement très diminué du Paléolithique moyen. Réflexions sur l'empathie chez Néandertal. In: Delattre, V., Sallem, R. (eds.) *Prothèses*. Paris: CAP SAAA Éditions. pp. 11-16.†
- Trinkaus, E., Lacy, S.A., Thibeault, A., Villotte, S. (2021) Disentangling Cro-Magnon: The dental and alveolar remains. *Journal of Archaeological Science: Reports* 37: 102991. doi.org/10.1016/j.jasrep.2021.102911.*
- Trinkaus, E., Jashashvili, T., Patel, B. (2021) Perspectives on Pliocene and Pleistocene pedal patterns and protection: Implications for footprints. In: Pastoors, A., Lenssen-Erz, T. (eds.) *Reading Prehistoric Human Tracks. Methods & Material*. Dordrecht: Springer pp. 121-132. doi.org/10.1007/978-3-030-60406-6_7.‡
- Trinkaus, E., Sázellová, S., Svoboda, J. (2020) Restes d'humains en contexte Pavlovien: Sépultures, parties de corps et ossements isolés au Paléolithique supérieur ancien. In: A. Schmitt, É. Anstett (eds.): *Des Cadavres dans nos Poubelles. Restes Humains et Espaces Détritiques de la Préhistoire à nos Jours*. Paris, Éditions Pétra. pp. 15-34.‡
- Xing, S., Wu, X.J., Liu, W., Pei, S.W., Cai, Y.J., Tong, H.W., Trinkaus, E. (2020) Middle Pleistocene human femoral diaphyses from Hualongdong, Anhui Province, China. *American Journal of Physical Anthropology* 2020: e24121. doi.org/10.1002/ajpa.24121.*
- Villotte, S., Thibeault, A., Sparacello, V., Trinkaus, E. (2020) Disentangling Cro-Magnon: The adult upper limb skeleton. *Journal of Archaeological Science: Reports* 33: 102475. doi.org/10.1016/j.jasrep.2020.102475.*
- Kacki, S., Trinkaus, E., Schotsmans, E.M.J., Courtaud, P., Dori, I., Dutailly, B., Guyomarc'h, P., Mora, P., Sparacello, V.S., Villotte, S. (2020) Complex mortuary dynamics in the Upper Paleolithic of the decorated Grotte de Cussac, France. *Proceedings of the National Academy of Sciences*. 117(26): 14851-14856. doi/10.1073/pnas.2005242117.
- Soficaru, A.D., Trinkaus, E. (2020) Peri-mortem versus post-mortem damage: The recent case of Cioclovina 1. *American Journal of Physical Anthropology* 172:135-139. doi.10.1002/ajpa.24045.*
- Partiot, C., Trinkaus, E., Knüsel, C., Villotte, S. (2020) The Cro-Magnon babies: Morphology and mortuary implications of the Cro-Magnon immature remains. *Journal of Archaeological Science: Reports* 30: 102257. doi.org/10.1016/j.jasrep.2020.102257.*
- Zanolli, C., Biglari, F., Mashkour, M., Abdi, K., Monchot, H., Debue, K., Mazurier, A., Bayle, P., Le Luyer, M., Rougier, H., Trinkaus, E., Macchiarelli, R. (2019) A Neanderthal from the central western Zagros, Iran. Structural reassessment of the Wezmeh 1 maxillary premolar. *Journal of Human Evolution*. 135: 102643. doi.10.1016/j.jhevol.2019.102643.*
- Trinkaus, E., Samsel, M., Villotte, S. (2019) External auditory exostoses among western Eurasian late Middle and Late Pleistocene humans. *PLoS One* 14(8): e0220464. doi.10.1371/journal.pone.0220464.*

- Wu, X.J., Pei, S.W., Cai, Y.J., Tong, H.W., Li, Q., Dong, Z., Sheng, J.C., Jin, Z.T., Ma, D.D., Xing, S., Li, X.L., Cheng, X., Cheng, H., de la Torre, I., Edwards, R.L., Gong, X.C., An, Z.S., Trinkaus, E., Liu, W. (2019) Archaic human remains from Hualongdong, China, and Middle Pleistocene human continuity and variation. *Proceedings of National Academy of Sciences USA* 116(20): 9820-9824. doi.org/10.1073/pnas.1902396116.
- Haeusler, M., Trinkaus, E., Fornai, C., Müller, J., Bonneau, N., Boeni, T., Frater, N.T. (2019) Morphology, pathology and the vertebral posture of the La Chapelle-aux-Saints Neanderthal. *Proceedings of the National Academy of Sciences USA*. 116(11): 4923-4927. doi.org/10.1073/pnas.1820745116.
- Trinkaus, E., Sázlová, S., Svoboda, J. (2019) Pieces of people in the Pavlovian: Burials, body parts and bones in the earlier Upper Palaeolithic. *Human Remains and Violence* 5(1): 70-87. doi.org/10.7227/HRV.5.1.6.‡*
- Pablos, A., Gómez-Olivencia, A., Maureille, B., Holliday, T.W., Madelaine, S., Trinkaus, E., Couture-Veschambre, C. (2019) Neanderthal foot remains from Regourdou 1 (Montignac-sur-Vézère, Dordogne, France). *Journal of Human Evolution* 128: 17-44. doi.org/10.1016/j.jhevol.2018.11.003.*
- Trinkaus, E. (2018) Pleistocene human remains from Iran. In: Biglari, F., Shidrang, S., Mashkour, M. (Eds), *The Pleistocene Archaeology of the Iranian Plateau, Iraq and the Caucasus*. Iran National Museum Paleolithic Studies Series, No. 1, Tehran: National Museum of Iran, pp. 53-63.†
- Villotte, S., Ogden, A.R., Trinkaus, E. (2018) Dental abnormalities and oral pathology of the Pataud 1 Upper Paleolithic human. *Bulletins et Mémoires de la Société d'Anthropologie de Paris*. 30: 153-161. doi.10.3166/bmsap-2018-0020.*
- Trinkaus, E. (2018) An abundance of developmental anomalies and abnormalities in Pleistocene people. *Proceedings of the National Academy of Sciences USA* 115(47): 11941-11946. doi.10.1073/pnas.1814989115.
- Trinkaus, E. (2018) Epipaleolithic human appendicular remains from Ein Gev I, Israel. *Comptes Rendus Palevol*. 17: 616-627. doi.10.1016/j.crpv.2018.03.002.*
- Trinkaus, E. (2018) The paleopathology of the Ohalo 2 Upper Paleolithic human remains: A reassessment of its appendicular robusticity, humeral asymmetry, shoulder degenerations and costal lesion. *International Journal of Osteoarchaeology* 28(2): 143-152. doi.10.1002/oa.2640.*
- Sázlová, S., Wilczyński, J., Wojtal, P., Svoboda, J., Trinkaus, E. (2018) Puzzling pairs from Pavlov and mortuary diversity in the Mid Upper Paleolithic. *Přehled výzkumů*, 59(1): 69-88.
- Trinkaus, E. (2018) Paléobiologie du Néandertalien. In: Patou-Mathis, M., Depaepe, P. (eds.) *Néandertal*. Paris: Gallimard / Muséum national d'histoire naturelle. pp. 79-86.†
- Trinkaus, E. (2018) One hundred years of paleoanthropology: an American perspective. *American Journal of Physical Anthropology* 165: 638-651. doi.10.1002/ajpa.23330.*†
- Robu, M., Wynn, J.G., Mirea, I.C., Petculescu, A., Keneszi, M., Pușcaș, C.M., Vlaicu, M., Trinkaus, E., Constantin, S. (2018) The diverse dietary profiles of MIS 3 cave bears from the Romanian Carpathians – insights from stable isotope ($\delta^{13}\text{C}$ and $\delta^{15}\text{N}$) analysis. *Palaeontology* 61(2): 209-219. doi.10.1111/pala.12338.*

- Ruff, C.B., Burgess, M.L., Squyres, N., Junno, J.A., Trinkaus, E. (2018) Lower limb articular scaling and body mass estimation in Pliocene and Pleistocene humans. *Journal of Human Evolution* 115: 85-111. doi:10.1016/j.jhevol.2017.10.014.*
- Trinkaus, E., Buzhilova, A.P. (2018) Diversity and differential disposal of the dead at Sunghir. *Antiquity* 92(361): 7-21. doi:10.15184/aqy.2017.223.*
- Trinkaus, E., Wu, X.J. (2017) External auditory exostoses in the Xuchang and Xujiayao human remains: Patterns and implications among eastern Eurasian Middle and Late Pleistocene crania. *PLoS ONE* 12(12): e0189390. doi.org/10.1371/journal.pone.0189390.*
- Trinkaus, E., Villotte, S. (2017) External auditory exostoses and hearing loss in the Shanidar 1 Neandertal. *PLoS ONE* 12(10): e0186684. doi:10.1371/journal.pone.0186684.*
- Sparacello, V.S., Villotte, S., Shackelford, L.L., Trinkaus, E. (2017) Patterns of humeral asymmetry among Late Pleistocene humans. Thematic Issue: Hominin biomechanics and inner structural morphology: From head to toe: A tribute to Laurent Puymerau. *Comptes Rendus Palevol* 16: 680-689. doi:10.1016/j.crpv.2016.09.001.†*
- Grine, F.E., Mearns, C.W., Faith, J.T., Black, W., Mongle, C.S., Trinkaus, E., le Roux, S.G., du Plessis, A. (2017) Further human fossils from the Middle Stone Age deposits of Die Kelders Cave 1, western Cape Province, South Africa. *Journal of Human Evolution* 109:70-78. doi:10.1016/j.jhevol.2017.05.009.*
- Trinkaus, E., Wojtal, P., Wilczyński, J., Sázalová, S., Svoboda, J. (2017). Palmar, patellar and pedal human remains from Pavlov. *PaleoAnthropology* 2017: 73-101. doi:10.4207/pa.2017.art106 .*
- Frelat, M.A., Coquerelle, M., Trinkaus, E. (2017) Ontogeny of modern human longitudinal body and transverse shoulder proportions. *American Journal of Human Biology* 29(2):e22925. doi:10.1002/ajhb.22925.*
- Cai, Y.J., Qiang, X., Wang, X.L., Jin, C.Z., Wang, Y., Zhang, Y.Q., Trinkaus, E., An, Z.S. (2017) The age of human remains and associated fauna from the Zhiren Cave in Guangxi, southern China. *Quaternary International* 434: 84-91. doi:10.1016/j.quaint.2015.12.088.*
- Krueger, K.L., Ungar, P.S., Guatelli-Steinberg, D., Hublin, J.J., Pérez-Pérez, A., Trinkaus, E., Willman, J.C. (2017) Anterior dental microwear textures show habitat-driven variability in Neandertal behavior. *Journal of Human Evolution* 105(1): 13-23. doi:10.1016/j.jhevol.2017.01.004.*
- Daura, J., Sanz, M., Arsuaga, J.L., Hoffmann, D.L., Quam, R., Cruz Ortega, M., Santos, E., Gómez, S., Rubio, A., Villaescusa, L., Souto, P., Mauricio, J., Rodrigues, F., Ferreira, A., Godinho, P., Trinkaus, E., Zilhão, J. (2017) A new Middle Pleistocene hominin cranium from Gruta da Aroeira (Portugal). *Proceedings of the National Academy of Sciences USA* 114(13): 3397-3402. doi:10.1073/pnas.1619040114.*
- Li, Z.Y., Wu, X.J., Zhou, L.P., Liu, W., Gao, X., Nian, X.M., Trinkaus, E. (2017) Late Pleistocene archaic human crania from Xuchang, China. *Science* 355:969-972. doi:10.1126/science.aal2482.*
- Sázalová, S., Trinkaus, E., Prachařová, M. (2017) Prstní články lidské ruky z lokality Šídelník. In: Svoboda, J. (ed.) Mezolit Severních Čech II. Komplexní výzkum skalních převíků na Českolipsku a Děčínsku 2003-2015. *Dolní Věstonice Studies* 22: 109-112.

- Trinkaus, E., Mednikova, M.B., Cowgill, L.W. (2016) The appendicular remains of the Kiik-Koba 2 Neandertal infant. *PaleoAnthropology* 2016: 185-210. doi.10.4207/PA.2016.art103.*
- Trinkaus, E., Patel, B.A. (2016) An Early Pleistocene human pedal phalanx from Swartkrans, SKX 16699, and the antiquity of the human lateral forefoot. *Comptes Rendus Palevol* 15:978-987. doi.org/10.1016/j.crpv.2016.07.003.*
- Trinkaus, E. (2016) The sexual attribution of the La Quina 5 Neandertal (La diagnose sexuelle du Néandertalien La Quina 5). *Bulletins et Mémoires de la Société d'Anthropologie de Paris* 28:111-117. doi.10.1007/s13219-016-0159-4.*
- Trinkaus, E. (2016) The evolution of the hand in Pleistocene *Homo*. In: Kivell, T.L., Lemelin, P., Richmond, B.G., Schmitt, D. (eds.) *The Evolution of the Primate Hand: Anatomical, Developmental, Functional, and Paleontological Evidence*. Developments in Primatology: Progress and Prospects Series. New York: Springer. pp. 545-571.†
- Trinkaus, E., Lacy, S.A., Willman, J.C. (2016) Human burials and biology at Dolní Věstonice II. In: Svoboda, J.A. (ed.) *Dolní Věstonice II: Chronostratigraphy, Paleoethnology, Paleoanthropology*. *Dolní Věstonice Studies* 21. Brno: Archeologický ústav, Akademie věd České republiky. pp. 328-344.†
- Trinkaus, E. (2015) The appendicular skeletal remains of Oberkassel 1 and 2. In: Giemsch, L., Schmitz, R.W. (eds.) *The Late Glacial Burial from Oberkassel Revisited*. Darmstadt: Verlag Phillip von Zabern. pp. 75-132.†
- Trinkaus, E. (2015) The pathological people of Dolní Věstonice and Pleistocene human abnormalities. In: Sázelová, S., Novák, M., Mizerová, A. (eds.) *Forgotton Times and Spaces*. Brno: Archeologický ústav, Akademie věd České republiky & Masarykova univerzita pp. 123-131.†
- Trinkaus, E., Buzhilova, A.P., Mednikova, M.B., Dobrovolskaya, M.V. (2015) The age of the Sunghir Upper Paleolithic human burials. *Anthropologie (Brno)* 53:221-231.†
- Wu, X.J., Trinkaus, E. (2015) Neurocranial trauma on the late archaic human remains from Xujiayao, northern China. *International Journal of Osteoarchaeology* 25:245-252. doi 10.1002/oa.2283.*
- Cowgill, L.W., Mednikova, M.B., Buzhilova, A.P., Trinkaus, E. (2015) The Sunghir 3 Upper Paleolithic juvenile: Pathology and persistence in the Paleolithic. *International Journal of Osteoarchaeology* 25:176-187. doi 10.1002/oa.2273.*
- Trinkaus, E., Lacy, S.A. (2014) Die Menschen von Oberkassel. In: L. Giemsch, R.W. Schmitz (eds.) *Eiszeitjäger. Leben im Paradies. Europa vor 15000 Jahren*. Bonn: LVR-LandesMuseum Bonn. pp. 152-157.†
- Plavcan, J.M., Meyer, V., Hammond, A.S., Couture, C., Madelaine, S., Holliday, T.W., Maureille, B., Ward, C.V., Trinkaus, E. (2014) The Regourdou Neandertal body size. *Comptes Rendus Palevol* 13:747-754. doi 10.1016/j.crpv.2014.07.003.*
- Faivre, J.P., Maureille, B., Bayle, P., Crevecoeur, I., Duval, M., Grün, R., Bemilli, C., Bonilauri, S., Coutard, S., Bessou, M., Limondin-Lozouet, N., Cottard, A., Deshayes, T., Douillard, A., Henaff, X., Pautret-Homerville, C., Kinsley, L., Trinkaus, E. (2014) Middle Pleistocene human remains from Tourville-la-Rivière (Normandy, France) and their archaeological context. *PloS One* 9(10):e104111. doi:10.1371/journal.pone.0104111.*

- Wu, X.J., Crevecoeur, I., Liu, W., Xing, S., Trinkaus, E. (2014) Temporal labyrinths of eastern Eurasian Pleistocene humans. *Proceeding of the National Academy of Sciences USA* 111:10509-10513. doi 10.1073/pnas.1410735111.
- Pinilla, B., Romero, A., Pérez-Pérez, A., Trinkaus, E. (2014) Buccal dental microwear and diet of the Sunghir Upper Paleolithic modern humans (in Russian). *Archaeology, Ethnology and Anthropology in Eurasia* 58(2):131-142.
- Trinkaus, E. (2014) Life, death and burial at Dolní Věstonice II. In: Sázlová, S., Hupková, A., Mořkovský, T. (eds.) *Mikulov Anthropology 2014. Dolní Věstonice Studies* 20: 67-72.‡
- Wu, X.J., Trinkaus, E. (2014) The Xujiayao 14 mandibular ramus and Pleistocene *Homo* mandibular variation. *Comptes Rendus Palevol* 13:333-341. doi 10.1016/j.crpv.*
- Trinkaus, E., Holliday, T.W., Auerbach, B.M. (2014) Neandertal clavicle length. *Proceedings of the National Academy of Sciences USA* 111:4438-4442. doi 10.1073/pnas.1402439111.
- Trinkaus, E. (2014) The extinction of the Neandertals. In: M. Otte (ed.), *Néandertal/Cro-Magnon: La Rencontre*. Arles: Éditions Errance. pp. 11-29.†
- Trinkaus, E., Haduch, E., Valde-Nowak, P.W., Wojtal, P. (2014) The Obłazowa 1 early modern human pollical phalanx and Late Pleistocene distal thumb proportions. *Homo*. 65:1-12. doi 10.1016/j.jchb.2013.09.002.*
- Lacy, S.A., Trinkaus, E. (2013) The foramina transversaria of the Sunghir 2 and 3 cervical vertebrae. *Archaeology, Ethnology and Anthropology in Eurasia* 41:126-131. doi 10.1016/j.aeae.2014.03.016.
- Zilhão, J., Angelucci, D., Aubry, T., Badal, E., Brugal, J.P., Carvalho, R., Gameiro, C., Hoffman, D., Matias, H., Mauricio, J., Nabais, M., Pike, A., Póvoas, L., Richter, D., Souto, P., Trinkaus, E., Wainer, K., Willman, J. (2013) A Gruta da Oliveira (Torres Novas): Uma jazida de referência para o paleolítico médio da península ibérica. In: Arnaud, J.M., Martins, A., Neves, C. (eds.) *Arqueologia em Portugal. 150 Anos*. Lisbon: Associação dos Arqueólogos Portugueses. pp. 259-268.
- Trinkaus, E. (2013) The paleobiology of modern human emergence. In: Smith, F.H., Ahern, J.C.M. (eds.) *Origins of Modern Humans: Biology Reconsidered*, 2nd ed. Hoboken: John Wiley & Sons. pp. 393-434.†
- Guatelli-Steinberg D, Buzhilova AP, Trinkaus E. (2013) Developmental stress and survival among the Mid Upper Paleolithic Sunghir children: Dental enamel hypoplasias of Sunghir 2 and 3. *International Journal of Osteoarchaeology* 23:421-431. doi 10.1002/oa.1263.*
- Liu, W., Schepartz, L.A., Xing, S., Miller-Antonio, S., Wu, X.J., Trinkaus, E., Martín-Torres, M. (2013) Late Middle Pleistocene hominin teeth from Paxian Dadong, south China. *Journal of Human Evolution* 64:337-355. doi 10.1016/j.jhevol.2012.10.012.*
- Robu, M., Fortin, J.K., Richards, M.P., Schwartz, C.C., Wynn, J., Robbins, C.T., Trinkaus, E. (2013) Isotopic evidence for dietary flexibility among European Late Pleistocene cave bears (*Ursus spelaeus*). *Canadian Journal of Zoology* 91: 227-234. doi 10.1139/cjz-2012-0222.*
- Wu, X.J., Xing, S., Trinkaus, E. (2013) An enlarged parietal foramen in the late archaic Xujiayao 11 neurocranium from northern China, and rare anomalies in Pleistocene *Homo*. *PLoS ONE* 8(3): e59587. doi:10.1371/journal.pone.0059587.*

- Trinkaus, E., Buzhilova, A.P. (2012) The death and burial of Sunghir 1. *International Journal of Osteoarchaeology* 22: 655-666. doi 10.1002/oa.1227.*
- Puymaerail, L., Ruff, C.B., Bondioli, L., Widiyanto, H., Trinkaus, E., Macchiarelli, R. (2012) Structural analysis of the Kresna 11 *Homo erectus* femoral shaft (Sangiran, Java). *Journal of Human Evolution* 63: 741-749. doi 10.1016/j.jhevol.2012.08.003.*
- Doboş A, Trinkaus E. (2012) A new AMS radiocarbon date for Middle Paleolithic Layer 4 of Ripiceni-Izvor, Romania. *Materiale şi Cercetări Arheologice* 8: 7-10.
- Wu, X.J., Maddux, S.D., Pan, L., Trinkaus, E. (2012) Nasal floor variation among eastern Eurasian Pleistocene *Homo*. *Anthropological Science* 120: 217-226. doi 10.1537/ase.120709.*
- Trinkaus, E. (2012) The human humerus from the Broken Hill Mine, Kabwe, Zambia. *American Journal of Physical Anthropology* 149:312–317. doi 10.1002/ajpa.22118.*
- Lacy, S.A., Wu, X.J., Trinkaus, E. (2012) Dentoalveolar paleopathology of the early modern humans from Zhirendong, south China. *International Journal of Paleopathology* 2: 10-18. doi 10.1016/j.ijpp.2012.06.003.*
- Trinkaus, E. (2012) Neandertals, early modern humans, and rodeo riders. *Journal of Archaeological Science* 39: 3691-3693 doi 10.1016/j.jas.2012.05.039.*
- Willman, J.C., Maki, J., Bayle, P., Trinkaus, E., Zilhão, J. (2012) Middle Paleolithic human remains from the Gruta da Oliveira (Torres Nova), Portugal. *American Journal of Physical Anthropology*. 149: 39-51. doi 10.1002/ajpa.22091.*
- Dobrovolskaya, M., Richards, M.P., Trinkaus, E. (2012) Direct radiocarbon dates for the Mid Upper Paleolithic (eastern Gravettian) burials from Sunghir, Russia, *Bulletins et Mémoires de la Société d'Antropologie de Paris* 24: 96-102. doi 10.1007/s13219-011-0044-4.*
- Verna C, Dujardin V, Trinkaus E. (2012) The Early Aurignacian human remains from La Quina-Aval (France). *Journal of Human Evolution* 62: 605-617. doi 10.1016/j.jhevol.2012.02.001.*
- Trinkaus, E., Ruff, C.B. (2012) Femoral and tibial diaphyseal cross-sectional geometry in Pleistocene *Homo*. *PaleoAnthropology* 2012: 13-62. doi 10.4207/PA.2012.ART69.*
- Soficaru, A., Arghir, R., Trinkaus, E. (2011) Scheletul uman descoperit în Peștera Baltagul (Jud. Bihor). In: Măgureanu D, Măndescu D, Matei S (eds.) *Archaeology: Making Off and Practice. Studies in Honor of Mircea Babeş at his 70th Anniversary*. Pitești: Editura Ordessos Muzeul Județean Argeș / Institutul de Arheologie “Vasile Pârvan”. pp. 373-380.
- Wu, X.J., Schepartz L.A., Liu, W., Trinkaus, E. (2011) Antemortem trauma and survival in the Late Middle Pleistocene human cranium from Maba, south China. *Proceedings of the National Academy of Sciences USA* 108: 19558-19562. doi 10.1073/pnas.1117113108.
- Higham T, Compton T, Stringer C, Jacobi R, Shapiro B, Trinkaus E, Chandler B, Gröning F, Collins C, Hillson S, O'Higgins P, FitzGerald C, Fagan M. (2011) The earliest evidence for anatomically modern humans in northwestern Europe. *Nature* 479: 521-524. doi 10.1038/nature 10484.*
- Walker, M.J., Ortega, J., Parmová, K., López, M.V., Trinkaus, E. (2011) Morphology, body proportions and postcranial hypertrophy of a female Neandertal from the Sima de las Palomas, southeastern Spain. *Proceedings of the National Academy of Sciences USA* 108: 10087-10091 doi 10.1073/pnas.1107318108.
- Trinkaus, E. (2011) The postcranial dimensions of the La Chapelle-aux-Saints 1 Neandertal. *American Journal of Physical Anthropology* 145: 461-468. doi 10.1002/ajpa.21528.*

- Trinkaus, E., Bailey, S.E., Davis, S.J.M., Zilhão, J. (2011) The Magdalenian human remains from the Galeria da Cisterna (Almonda karstic system, Torres Novas, Portugal) and their archeological context. *O Arqueólogo Português Série V*, 1: 395-413.
- Trinkaus, E. (2011) Late Neandertals and early modern humans in Europe: Population dynamics and paleobiology. In: Condemi, S., Weniger, G.C. (eds.) *Continuity and Discontinuity in the Peopling of Europe: One Hundred Fifty Years of Neanderthal Study*. Vertebrate Paleobiology and Paleoanthropology Vol. 1. Dordrecht: Springer Verlag. pp. 315-329. doi 10.1007/978-94-007-0492-3_24.‡
- Walker, M.J., Zapata J., Lombardi A.V., Trinkaus, E. (2011) New evidence of dental pathology in 40,000 year old Neandertals. *Journal of Dental Research* 90:428-432. doi 10.1177/0022034510387797.*
- Walker, M.J., Ortega, J., López, M.V., Parmová, K., Trinkaus, E. (2011) Neandertal postcranial remains from the Sima de las Palomas del Cabezo Gordo, Murcia, southeastern Spain. *American Journal of Physical Anthropology*. 144:505-515. doi 10.1002/ajpa.21428.*
- Maki, J., Trinkaus, E. (2011) Opponens pollicis mechanical effectiveness in Neandertals and early modern humans. *PaleoAnthropology* 2011:62-71. doi 10.4207/PA.2011.ART43.*
- Trinkaus, E. (2011) Late Pleistocene adult mortality patterns and modern human establishment. *Proceedings of the National Academy of Sciences USA* 108: 1267-1271 doi 10.1073/pnas.1018700108.
- Trinkaus, E., Svoboda, J., Wojtal, P., Nývltová Fišáková, M., Wilczyński, J. (2010) Human remains from the Moravian Gravettian: Morphology and taphonomy of additional elements from Dolní Věstonice II and Pavlov I. *International Journal of Osteoarchaeology* 20: 645–669 doi 10.1002/oa.1088.*
- Liu, W., Jin, C.Z., Zhang, Y.Q., Cai, Y.J., Xing, S., Wu, X.J., Cheng, H., Edwards, R.L., Pan, W.S., Qin, D.G., An, Z.S., Trinkaus, E., Wu, X.Z. (2010) Human remains from Zhirendong, south China, and modern human emergence in east Asia. *Proceedings of the National Academy of Sciences USA* 107 (45): 19201-19206. doi 10.1073/pnas.1014386107.
- Trinkaus, E. (2010) Denisova Cave, Peștera cu Oase, and human divergence in the Late Pleistocene. *PaleoAnthropology* 2010: 196-200. doi 10.4207/PA.2010.ART39.*
- Stiller, M., Baryshnikov, G., Bocherens, H., Grandal, A., Hilpert, B., Münzel, S.C., Pinhasi, R., Rabeder, G., Rosendahl, W., Trinkaus, E., Hofreiter, M, Knapp, M. (2010) Withering away – 25,000 years of genetic decline preceded cave bear extinction. *Molecular Biology and Evolution* 27: 975-978. doi 10.1093/molbev/msq083.*
- Walker, M.J., Lombardi, A.V., Zapata, J., Trinkaus, E. (2010). Neandertal mandibles from the Sima de la Palomas del Cabezo Gordo, Murcia, southeastern Spain. *American Journal of Physical Anthropology* 142: 261-272. doi 10.1002/ajpa.21223.*
- Bayle, P., Macchiarelli, R., Trinkaus, E., Duarte, C., Mazurier, A. and Zilhão J. (2010) Dental maturational sequence and dental tissue proportions in the early Upper Paleolithic child from Abrigo do Lagar Velho, Portugal. *Proceedings of the National Academy of Sciences USA* 107: 1338–1342. doi 10.1073/pnas.0914202107.
- Streeter, M., Stout, S., Trinkaus, E., Burr, D. (2010) Bone remodeling rates in Pleistocene humans are not slower than the rates observed in modern populations: A reexamination of Abbott et al. (1996). *American Journal of Physical Anthropology* 141, 315-318. doi 10.1002/ajpa.21192.*

- Trinkaus, E., Pinilla, B. (2009) Dental caries in the Qafzeh 3 Middle Paleolithic modern human. *Paléorient* 35: 69-76.*
- Trinkaus, E., Soficaru, A., Doboş, A., Constantin, S., Zilhão, J., Richards, M. (2009) Stable isotope evidence for early modern human diet in southeastern Europe: Peştera cu Oase, Peştera Muierii and Peştera Cioclovina Uscată. *Materiale şi Cercetări Arheologice* 5: 4-14.
- Doboş, A., Soficaru, A., Popescu, A., Trinkaus, E. (2009) Radiocarbon dating and faunal stable isotopes for the Galeria Principală, Peştera Muierii, Baia de Fier, Gorj County, Romania. *Materiale şi Cercetări Arheologice* 5: 15-20.
- Mashkour, M., Monchot, H., Trinkaus, E., Reyss, J.L., Biglari, F., Bailon, S., Heydari, S., Abdi, K. (2009) Carnivores and their prey in the Wezmeh Cave, (Kermanshah, Iran): A Late Pleistocene refuge in the Zagros. *International Journal of Osteoarchaeology* 19: 678-694 doi 10.1002/oa.997.*
- Richards, M.P., Trinkaus, E. (2009) Isotopic evidence for the diets of European Neandertals and early modern humans. *Proceedings of the National Academy of Sciences USA* 106, 16034-16039.*
- Hu Y, Shang H, Tong H, Nehlich O, Liu W, Zhao C, Zhang S, Chen F, Ma X, Wang C, Trinkaus E, Richards MP. 2009. Stable isotope dietary analysis of the Tianyuan 1 early modern human. *Proceedings of the National Academy of Sciences USA* 106, 10971–10974.
- Trinkaus, E. (2009) The human tibia from Broken Hill, Kabwe, Zambia. *PaleoAnthropology* 2009, 145-165.*
- Trinkaus, E. (2008) Kiik-Koba 2 and Neandertal axillary border ontogeny. *Anthropological Science* 116, 231-236. doi 10.1537/ase.071221.*
- Walker, M.J., Gibert, J., López, M.V., Lombardi, A.V., Pérez-Pérez, A., Zapata, J., Ortega, J., Higham, T., Pike, A., Schwenninger, J.L., Zilhão, J., Trinkaus, E. (2008) Late Neandertals in southeastern Iberia: Sima de las Palomas del Cabezo Gordo, Murcia, Spain. *Proceedings of the National Academy of Sciences USA* 105, 20631-20636. doi 10.1073/pnas.0811213106.
- Trinkaus, E. (2008) Behavioral implications of the Muierii 1 early modern human scapula. *Annuaire Roumain d'Anthropologie* 45, 27-41.†
- Shang H., Trinkaus, E., Liu W., Wu X., Zhu Q. (2008) Neurocranial abnormalities of the Gongwangling *Homo erectus* from Lantian, China. *Journal of Archaeological Science* 35, 2589–2593. doi 10.1016/j.jas.2008.04.012.*
- Trinkaus, E., Maley, B., Buzhilova, A.P. (2008) Paleopathology of the Kiik-Koba 1 Neandertal. *American Journal of Physical Anthropology* 137:106–112. doi 10.1002/ajpa.20833.*
- Trinkaus, E., Shang, H. (2008) Anatomical evidence for the antiquity of human footwear: Tianyuan and Sunghir. *Journal of Archaeological Science* 35, 1928-1933. doi 10.1016/j.jas.2007.12.002.*
- Trinkaus, E., Biglari, F., Mashkour, M., Monchot, H., Reyss, J.L., Rougier, H., Heydari, S., Abdi, K. (2008) Late Pleistocene human remains from Wezmeh Cave, western Iran. *American Journal of Physical Anthropology* 135, 371-378. doi 10.1002/ajpa.20753.*
- Shang, H., Trinkaus, E. (2008) An ectocranial lesion on the Middle Pleistocene human cranium from Hulu Cave, Nanjing, China. *American Journal of Physical Anthropology* 135, 431-437. doi 10.1002/ajpa.20763.*

- Richards, M.P., Pacher, M., Stiller, M., Quilès, J., Hofreiter, M., Constantin, S., Zilhão, J., Trinkaus, E. (2008) Isotopic evidence for omnivory among European cave bears: Late Pleistocene *Ursus spelaeus* from the Peștera cu Oase, Romania. *Proceedings of the National Academy of Sciences USA* 105, 600-604. doi 10.1073/pnas.0711063105.
- Zilhão, J., Trinkaus, E., Constantin, S., Milota, Ș., Gherase, M., Sarcină, L., Danciu, A., Rougier, H., Quilès, J., Rodrigo, R. (2007) The Peștera cu Oase people, Europe's earliest modern humans. In (P. Mellars, K. Boyle, O. Bar-Yosef, C. Stringer, eds.) *Rethinking the Human Revolution: New Behavioural & Biological Perspectives on the Origins and Dispersal of Modern Humans*. Cambridge UK: McDonald Institute of Archaeology Monographs pp. 249-262.‡
- Trinkaus, E. (2007) Activité, stress et survie chez les Néandertaliens. In: B. Vandermeersch, B. Maureille (eds.) *Les Néandertaliens: Biologie et Cultures*. Paris: Comité des Travaux Historiques et Scientifiques. (Documents préhistoriques). pp. 131-137.†
- Trinkaus, E., Maki, J., Zilhão, J. (2007) Middle Paleolithic human remains from the Gruta da Oliveira (Torres Novas), Portugal. *American Journal of Physical Anthropology* 134, 263-273. doi 10.1002/ajpa.20669.*
- Cowgill, L.W., Trinkaus, E., Zeder, M.A. (2007) Shanidar 10: A Middle Paleolithic immature distal lower limb from Shanidar Cave, Iraqi Kurdistan. *Journal of Human Evolution* 53, 213-223. doi 10.1016/j.jhevol.2007.04.003.*
- Trinkaus, E., Zilhão, J. (2007) Oase Cave: The discovery of Europe's oldest modern humans. *Current World Archaeology* 24, 32-41.
- Soficaru, A., Petrea, C., Doboș, A. and Trinkaus, E. (2007) The human cranium from the Peștera Cioclovina Uscată, Romania: Context, age, taphonomy, morphology and paleopathology. *Current Anthropology* 48, 611-619.*
- Trinkaus, E. (2007) European early modern humans and the fate of the Neandertals. *Proceedings of the National Academy of Sciences USA* 104, 7367-7372. doi 10.1073/pnas.0702214104.
- Shang, H., Tong, H., Zhang, S., Chen, F., Trinkaus, E. (2007) An early modern human from Tianyuan Cave, Zhoukoudian, China. *Proceedings of the National Academy of Sciences USA* 104, 6573-6578. doi 10.1073/pnas.0702169104.
- Rougier, H., Milota, Ș., Rodrigo, R., Gherase, M., Sarcină, L., Moldovan, O., Zilhão, J., Constantin, S., Franciscus, R.G., Zollikofer, C.P.E., Ponce-de-León, M., Trinkaus, E. (2007) Peștera cu Oase 2 and the cranial morphology of early modern Europeans. *Proceedings of the National Academy of Sciences USA* 104, 1164-1170. doi 10.1073/pnas.0610538104.
- Almeida, F., Bártolo, P., Alves, N., Ponce de León, M., Zollikofer, C., Pierson, B., Serra, P., Duarte, C., Trinkaus, E., Zilhão, J. (2007) The *Lapedo Child* reborn: Contributions of CT scanning and rapid prototyping for an Upper Paleolithic infant burial and face reconstruction. The case of Lagar Velho Interpretation Centre, Leiria, Portugal. *Virtual Reality, Archaeology and Cultural Heritage* 8: 69-73.
- Trinkaus, E. (2006) The purported human femur from Tamtama Cave, Iran. *Bastanshenasi* 2, 11-12.
- Trinkaus, E., Biglari, F. (2006) Middle Paleolithic human remains from Bisitun Cave, Iran. *Paléorient* 32, 105-111.*

- Quilès, J., Petrea, C., Moldovan, O., Zilhão, J., Rodrigo, R., Rougier, H., Constantin, S., Milota, Ș., Gherase, M., Sarcină, L. and Trinkaus, E. (2006) Cave bears (*Ursus spelaeus*) from the Peștera cu Oase (Banat, Romania): Paleobiology and taphonomy. *Comptes rendus Palévol* 5, 927-934. doi 10.1016/j.crpv.2006.09.005.*
- Beauval, C., Lacrampe-Cuyaubère, F., Maureille, B., Trinkaus, E. (2006) Direct radiocarbon dating and stable isotopes of the Neandertal femur from Les Rochers-de-Villeneuve (Lussac-les-Châteaux, Vienne) [Datation absolue (^{14}C) et isotopes stables du fémur Néandertalien des Rochers-de Villeneuve (Lussac-les-Châteaux, Vienne)] *Bulletins et Mémoires de la Société d'Anthropologie de Paris* 18, 35-42.*
- Soficaru, A., Doboș, A., Trinkaus, E. (2006) Early modern humans from the Peștera Muierii, Baia de Fier, Romania. *Proceedings of the National Academy of Sciences USA* 103, 17196-17201. doi 10.1073/pnas.0608443103.
- Trinkaus, E., Smith, F.H., Stockton, T.C., Shackelford, L.L. (2006). The human postcranial remains from Mladeč. In (M. Teschler-Nicola, Ed.) *Early Modern Humans at the Moravian Gate: The Mladeč Caves and their Remains*. Vienna: Springer Verlag. pp. 385-445.
- Wolpoff, M.H., Frayer, D.W., Trinkaus, E., Teschler-Nicola, M. (2006) Inventory and photo-documentation of the Mladeč hominid remains. In (M. Teschler-Nicola, Ed.) *Early Modern Humans at the Moravian Gate: The Mladeč Caves and their Remains*. Vienna: Springer Verlag pp. 159-184.
- Trinkaus, E. (2006) Modern human versus Neandertal evolutionary distinctiveness. *Current Anthropology* 47(4), 597-620.*
- Trinkaus, E. (2006) The Krapina scapulae. *Periodicum Biologorum* 108(3). 341-351.†
- Trinkaus, E. (2006) Late Neandertals & early modern humans: Biology, behavior and population dynamics. In: W. von Koenigswald, T. Litt (Eds.) *150 Years of Neanderthal Discoveries. Early Europeans – Continuity & Discontinuity*. Terra Nostra. 2, 74-77.‡
- Trinkaus, E. (2006) The antiquity of human disability. In (G.L. Albrecht, J. Bickenbach, D.T. Mitchell, W.O. Schalick, S.L. Snyder, Eds.) *The Encyclopedia of Disability*. London: Sage Press 2, 873-875.†
- Trinkaus, E., Zilhão, J., Rougier, H., Rodrigo, R., Milota, Ș., Gherase, M., Sarcina, L., Moldovan, O., Bălțean, I.C., Codrea, V., Bailey, S.E., Franciscus, R.G., Ponce de León, M., Zollikofer, C.P.E. (2006) The Peștera cu Oase and early modern humans in southeastern Europe. In (N.J. Conard, Ed.) *When Neanderthals and Modern Humans Met* Tübingen: Kerns Verlag. pp. 145-164.‡
- Trinkaus, E. (2006) Néandertal – Société : Un compagnon secourable. *Les Dossiers de la Recherche* 24, 72-75.†
- Ruff, C.B., Holt, B., Trinkaus, E. (2006) Who's afraid of the big bad Wolff? "Wolff's Law" and bone functional adaptation. *American Journal of Physical Anthropology* 129, 484-498. doi 10.1002/ajpa.20371.*
- Higham, T., Ramsey, C.B., Karavanić, I., Smith, F.H., Trinkaus, E. (2006) Revised direct radiocarbon dating of the Vindija G₁ Upper Paleolithic Neandertals. *Proceedings of the National Academy of Sciences USA* 103, 553-557. doi 10.1073/pnas.051000510.
- Trinkaus, E., Bălțean, I.C., Constantin, S., Gherase, M., Horoi, V., Milota, Ș., Moldovan, O., Petrea, C., Quiles, J., Rodrigo, R., Rougier, H., Sarcina, L., Soficaru, A., Zilhão, J. (2005) Asupra oamenilor moderni timpurii din Banat: Peștera cu Oase. *Banatica* 17, 9-27.

- Trinkaus, E. (2005) Anatomical evidence for the antiquity of human footwear use. *Journal of Archaeological Science* 32, 1515-1526. doi 10.1016/j.jas.2005.04.006.*
- Trinkaus, E. (2005) Early modern humans. *Annual Review of Anthropology* 34, 207-230. doi 10.1146/annurev.anthro.34.030905.154913†
- Trinkaus, E. (2005) The adiposity paradox in the middle Danubian Gravettian. *Anthropologie (Brno)* 43, 263-271.†
- Wild, E.M., Teschler-Nicola, M., Kutschera, W., Steier, P., Trinkaus, E., Wanek, W. (2005) First direct dating of Early Upper Paleolithic human remains from Mladeč. *Nature* 435, 332-335. doi 10.1038/nature03585.*
- Beauval, C., Maureille, B., Lacrampe-Cuyaubère, F., Serre, D., Peressinotto, D., Bordes, J.G., Cochard, D., Couchoud, I., Dubrasquet, D., Laroulandie, V., Lenoble, A., Mallye, J.B., Pasty, S., Primault, J., Rohland, N., Pääbo, S., Trinkaus, E. (2005) A late Neandertal femur from Les Rochers-de-Villeneuve, France. *Proceedings of the National Academy of Sciences USA* 102, 7085-7090. doi 10.1073/pnas.0502656102.
- Schulting, R.J., Trinkaus, E., Higham, T., Hedges, R., Richards, M., Cardy, B. (2005) A Mid-Upper Palaeolithic human humerus from Eel Point, South Wales, UK. *Journal of Human Evolution* 48, 493-505. doi 10.1016/j.jhevol.2005.02.001.*
- Nielsen-Marsh, C.M., Richards, M.P., Hauschka, P.V., Thomas-Oates, J.E., Trinkaus, E., Pettitt, P.B., Karavanić, I., Poinar, H., Collins, M.J. (2005) Osteocalcin protein sequences of Neanderthals and modern primates. *Proceedings of the National Academy of Sciences USA* 102, 4409-4413. doi 10.1073/pnas.0500450102.
- Trinkaus, E. (2004) Dental crown dimensions of Middle and Late Pleistocene European humans. In: S. Rubio (Ed.) *Miscalánea en Homenaje a Emiliano Aguirre*. Alcalá de Henares: Museo Arqueológico Regional pp.393-398.†
- Trinkaus, E. (2004) La diaphyse fémorale humaine II: étude biométrique comparée. In: C. Beauval, F. Lacrampe-Cuyaubère (Eds.) *Les Rochers de Villeneuve, Lussac-les-Châteaux – Vienne. Documentation Final de Synthèse*. Talence: Université de Bordeaux 1. pp.94-96.
- Crevecoeur, I., Trinkaus, E. (2004) From the Nile to the Danube: A comparison of the Nazlet Khater 2 and Oase 1 early modern human mandibles. *Anthropologie (Brno)* 42, 229-239.†
- Trinkaus, E., Rougier, H., Moldovan, O. (2004) Les fossiles de Peștera cu Oase, Roumanie. *Encyclopaedia Universalis: Universalis* 2003. pp. 283-284.
- Trinkaus, E. (2004) Eyasi 1 and the suprainiac fossa. *American Journal of Physical Anthropology* 124, 28-32. doi 10.1002/ajpa.10336.*
- Rosendahl, W., Maureille, B., Trinkaus, E. (2003) Rediscovery of the Badegoule 5 human skeletal remains (Badegoule, Le Lardin-Saint-Lazare, Dordogne, France). *Paléo* 15, 273-278.*
- Moldovan, O., Milota, Ș., Sarcina, L., Trinkaus, E., Bălțean, I., Soficaru, A., Rajka, G. (2003). The oldest modern humans in Europe. *Theoretical and Applied Karstology* 16, 77-81.
- Trinkaus, E. (2003) Biomechanical analysis of the Krapina archaic *Homo* humeral, femoral and tibial diaphyses. In: L. Fiedler, W.D. Heinrich, A. Justus, E. Brühl (eds.) *Erkenntnisjäger. Kultur und Umwelt des frühen Menschen (Festschrift für Dietrich Mania)*. Halle: Veröffentlichungen des Landesamtes für Archäologie Sachsen-Anhalt – Landesmuseum für Vorgeschichte 57, 607-614.†

- Trinkaus, E., Milota, Ș., Rodrigo, R., Gherase, M., Moldovan, O. (2003) Early modern human cranial remains from the Peștera cu Oase, Romania. *Journal of Human Evolution* 45, 245-253. doi 10.1016/j.jhevol.2003.08.003.*
- Trinkaus, E., Moldovan, O., Milota, Ș., Bîlgăr, A., Sarcina, L., Athreya, S., Bailey, S.E., Rodrigo, R., Gherase, M., Higham, T., Ramsey, C.B., van der Plicht, J. (2003) An early modern human from the Peștera cu Oase, Romania. *Proceedings of the National Academy of Sciences USA* 100, 11231-11236. doi 10.1073/pnas.2035108100.
- Trinkaus, E., Marks, A.E., Brugal, J.P., Bailey, S.E., Rink, W.J., Richter, D. (2003) Later Middle Pleistocene human remains from the Almonda karstic system, Torres Novas, Portugal. *Journal of Human Evolution* 45, 219-226. doi 10.1016/j.jhevol.2003.07.001.*
- Trinkaus, E. (2003) Neandertal faces were not long; modern human faces are short. *Proceedings of the National Academy of Sciences (USA)* 100, 8142-8145. doi 10.1073/pnas.1433023100.
- Trinkaus, E. (2003) Gough's Cave 1 (Somerset, England): a study of the pelvis and lower limbs. *Bulletin of the Natural History Museum of London (Geology)*. 58 (suppl.), 1-21.
- Trinkaus, E., Humphrey, L., Stringer, C., Churchill, S.E., Tague, R.G. (2003) Gough's Cave 1 (Somerset, England): an assessment of the sex and age at death. *Bulletin of the Natural History Museum of London (Geology)*. 58 (suppl.), 45-50.
- Trinkaus, E., Churchill, S.E. Holt, B., Ruff, C.B. (2003) Patterns of diaphyseal cross-sectional geometry between central and western European Early / Middle Upper Palaeolithic humans. In: J. Brůžek, B. Vandermeersch, M.D. Garralda, Eds., *Changements Biologiques et Culturels en Europe de la Fin du Paléolithique Moyen au Néolithique*. Talence: Laboratoire d'Anthropologie des Populations du Passé, Université de Bordeaux 1. pp.75-86.‡
- Zilhão, J., Trinkaus, E. (2002) Anatomie, contexte archéologique et sépulture de l'enfant gravettien de l'abri de Lagar Velho (Lapedo, Leiria, Portugal). *Praehistoria* 3, 131-145.
- Sládek, V., Trinkaus, E., Šefčáková, A., Halouzka, R. (2002) Morphological affinities of the Šaľa 1 frontal bone. *Journal of Human Evolution*. 43, 787-815. doi 10.1053/jhev.2002.0606.*
- Shackelford, L.L., Trinkaus, E. (2002) Late Pleistocene human femoral diaphyseal curvature. *American Journal of Physical Anthropology* 118, 359-370. doi 10.1002/ajpa.10093.*
- Dobson, S.D., Trinkaus, E. (2002) Cross-sectional geometry and morphology of the mandibular symphysis in Middle and Late Pleistocene *Homo*. *Journal of Human Evolution* 43, 67-87. doi 10.1006/jhev.2002.0563.*
- Lebel, S., Trinkaus, E. (2002) A carious Neandertal molar from the Bau de l'Aubesier, Vaucluse, France. *Journal of Archaeological Science* 28, 555-557. doi 10.1006/jasc.2001.0689.*
- Lebel, S., Trinkaus, E. (2002) Middle Pleistocene human remains from the Bau de l'Aubesier. *Journal of Human Evolution* 43, 659-685. doi 10.1006/jhev.2002.0598.*
- Lebel, S., Trinkaus, E. (2001) New discoveries of Middle Paleolithic human remains from the "Bau de l'Aubesier, Vaucluse, France (Nouvelles découvertes de restes humains du Paléolithique moyen du Bau de l'Aubesier (Vaucluse, France)). *Bulletins et Mémoires de la Société d'Anthropologie de Paris* ns13, 15-21.*
- Lebel, S., Trinkaus, E., Faure, M., Fernandez, P., Guérin, C., Richter, D., Mercier, N., Valladas, H., Wagner, G.A. (2001) Comparative morphology and paleobiology of Middle Pleisto-

- cene human remains from the Bau de l'Aubiesier, Vaucluse, France. *Proceedings of the National Academy of Sciences USA* 98, 11097-11102. doi 10.1073/pnas.181353998.
- Streeter, M., Stout, S.D., Trinkaus, E., Stringer, C.B., Roberts, M.B., Parfitt, S.A. (2001) Histomorphometric age assessment of the Boxgrove 1 tibial diaphysis. *Journal of Human Evolution* 40, 331-338. doi 10.1006/jhev.2001.0460.*
- Trinkaus, E., Formicola, V., Svoboda, J., Hillson, S.W., Holliday, T.W. (2001) Dolní Věstonice 15: Pathology and persistence in the Pavlovian. *Journal of Archaeological Science* 28, 1291-1308. doi 10.1006/jasc.2001.0678.*
- Mednikova, M., Trinkaus, E. (2001) Femoral midshaft diaphyseal cross-sectional geometry of the Sunghir 1 and 4 Gravettian human remains. *Anthropologie (Brno)* 39, 135-141.
- Trinkaus, E., Bailey, S.E., Zilhão, J. (2001) Upper Paleolithic human remains from the Gruta do Caldeirão, Tomar, Portugal. *Revista Portuguesa de Arqueologia* 4(2), 5-17.
- Teschler-Nicola, M., Trinkaus, E. (2001) Human remains from the Austrian Gravettian: The Willendorf femoral diaphysis and mandibular symphysis. *Journal of Human Evolution* 40, 451-465. doi 10.1006/jhev.2001.0470.*
- Trinkaus, E. (2001) Gough's Cave 1 (Somerset, England): a study of the hand bones. *Bulletin of the Natural History Museum of London (Geology)* 57, 25-28.
- Richards, M.P., Pettitt, P.B., Stiner, M.C., Trinkaus, E. (2001) Stable isotope evidence for increasing dietary breadth in the European mid-Upper Paleolithic. *Proceedings of the National Academy of Science (USA)* 98, 6528-6532. doi 10.1073/pnas.111155298
- Trinkaus, E. (2001) Paleobiological perspectives on the early Upper Paleolithic human transition in the northwestern Old World. *Bulletins et Mémoires de la Société d'Anthropologie de Paris* ns13, 311-322.†
- Trinkaus, E., Zilhão, J., Duarte, C. (2001) O menino do Lapedo: Lagar Velho 1 and perceptions of the Neandertals. *Archaeological Dialogues* 8, 49-69.‡
- Weaver, A.H., Holliday, T.W., Ruff, C.B., Trinkaus, E. (2001) The fossil evidence for the evolution of human intelligences in Pleistocene *Homo*. In: A. Nowell (ed.) *In the Mind's Eye: Multidisciplinary Perspectives on the Evolution of Human Cognition*. Ann Arbor: International Monographs in Prehistory Archaeological Series 13, 154-172.‡
- Trinkaus, E. (2001) Die ungewöhnlich frühen modernen Menschen im Nahen Osten (The anomalous early modern humans in the Near East). *Archäologie Online*
http://www.archaeologie-online.de/magazin/thema/2001/06/d_1.php.†
- Trinkaus, E., Duarte, C. (2000) The hybrid child from Portugal. *Scientific American* 282(4), 102-103.
- Trinkaus, E. (2000) The "Robusticity Transition" revisited. In: Stringer, C., Barton, R.N.E., Finlayson, C. (eds) *Neanderthals on the Edge*. Oxford: Oxbow Books, pp.227-236.‡
- Trinkaus, E., Pettitt, P.B. (2000) The Krems-Hundssteig "Gravettian" human remains are Holocene (Die menschlichen "Gravettien"-Skelettreste von Krems-Hundssteig sind holozän). *Homo* 51, 258-260.*
- Pettitt, P.B., Trinkaus, E. (2000) Direct radiocarbon dating of the Brno 2 Gravettian human remains. *Anthropologie (Brno)* 38, 149-150.
- Richards, M.P., Pettitt, P.B., Trinkaus, E., Smith, F.H., Paunović, M., Karavanić, I. (2000) Neanderthal diet at Vindija and Neanderthal predation: The evidence from stable isotopes. *Proceedings of the National Academy of Science (USA)* 97, 7663-7666. doi 10.1073/pnas.120178997.

- Trinkaus, E., Svoboda, J., West, D.L., Sládek, V., Hillson, S.W., Drozdová, E., Fišáková, M. (2000). Human remains from the Moravian Gravettian: Morphology and taphonomy of isolated elements from the Dolní Věstonice II site. *Journal of Archaeological Science* 27, 1115-1132. doi 10.1006/jasc.1999.0501.*
- Trinkaus, E. (2000) The human remains from Paviland Cave: Late Pleistocene and Holocene human remains from Paviland Cave. In: S.H.R. Aldhouse-Green (ed.) *Paviland Cave and the 'Red Lady': A Definitive Report*. Bristol: Western Academic and Specialist Press Ltd. pp. 141-199.
- Trinkaus, E. (2000) The Creswellian (Pleistocene) human lower limb remains from Gough's Cave (Somerset, England). *Bulletin of the Natural History Museum of London (Geology)* 56, 155-161.
- Trinkaus, E., Smith, R.J., Lebel, S. (2000) Dental caries in the Aubesier 5 Neandertal primary molar. *Journal of Archaeological Science* 27, 1017-1021. doi 10.1006/jasc.1999.0512.*
- Trinkaus, E. (2000) Human patellar articular proportions: recent and Pleistocene patterns. *Journal of Anatomy (London)* 196, 473-483.*
- Trinkaus, E., Lebel, S., Bailey, S.E. (2000) Middle Paleolithic and recent human dental remains from the Bau de l'Aubesier, Monieux (Vaucluse). *Bulletins et Mémoires de la Société d'Anthropologie de Paris* ns12, 207-226.*
- Cech, M., Groves, C.P., Thorne, A., Trinkaus, E. (2000) A new reconstruction of the Shanidar 5 cranium. *Paléorient* 25, 143-146.*
- Trinkaus, E., Ranov, V., Lauklin, S. (2000) Middle Paleolithic human deciduous incisor from Khudji, Tajikistan. *Journal of Human Evolution* 38, 575-583. doi.10.1006/jhev.1999.0370.*
- Stringer, C.B., Trinkaus, E. (1999) The human tibia from Boxgrove. In: M.B. Roberts, S.A. Parfitt (eds). *Boxgrove: a Middle Pleistocene Hominid Site at Earham Quarry, Boxgrove, West Sussex*. English Heritage Archaeological Report 17. London: English Heritage. pp.420-422.
- Trinkaus, E., Rhoads, M.L. (1999) Neandertal knees: power lifters in the Pleistocene? *Journal of Human Evolution* 37, 833-859. doi 10.1006/jhev.1999.0317.*
- Trinkaus, E., Ruff, C.B., Conroy, G.C. (1999) The anomalous archaic *Homo* femur from Berg Aukas, Namibia: A biomechanical assessment. *American Journal of Physical Anthropology* 110: 379-391.*
- Trinkaus, E., Zilhão, J., Duarte, C. (1999) The Lapedo child: Lagar Velho 1 and our perceptions of the Neandertals. *Mediterranean Prehistory Online*. <http://www.med.abaco-mac.it/issue001/articles/doc/013.htm>.†
- Trinkaus, E., Ruff, C.B. (1999) Diaphyseal cross-sectional geometry of Near Eastern Middle Paleolithic humans: The tibia. *Journal of Archaeological Science* 26: 1289-1300. doi.10.1006/jasc.1998.0361.*
- Trinkaus, E., Churchill, S.E., Ruff, C.B., Vandermeersch, B. (1999) Long bone shaft robusticity and body proportions of the Saint-Césaire 1 Châtelperronian Neandertal. *Journal of Archaeological Science*. 26: 753-773. doi.10.1006/jasc.1998.0345.*
- Duarte, C., Mauricio, J., Pettitt, P.B., Souto, P., Trinkaus, E., van der Plicht, H., Zilhão, J. (1999) The early Upper Paleolithic human skeleton from the Abrigo do Lagar Velho (Portugal) and modern human emergence in Iberia. *Proceedings of the National Academy of Science (USA)*. 96, 7604-7609. doi.org/10.1073/pnas.96.13.7604.

- Smith, F.H., Trinkaus, E., Pettitt, P.B., Karavanić, I., Paunović, M. (1999) Direct radiocarbon dates for Vindija G₁ and Velika Pećina Late Pleistocene hominid remains. *Proceedings of the National Academy of Science (USA)*. 96, 12281-12286.
- Trinkaus, E., Jelínek, J., Pettitt, P.B. (1999) Human remains from the Moravian Gravettian: The Dolní Věstonice 35 femoral diaphysis. *Anthropologie (Brno)*. 37, 167-175.
- Trinkaus, E., Ruff, C.B. (1999) Diaphyseal cross-sectional geometry of Near Eastern Middle Paleolithic humans: The femur. *Journal of Archaeological Science* 26, 409-424. doi 10.1006/jasc.1998.0343.*
- Trinkaus, E., Stringer, C.B., Ruff, C.B., Hennessy, R.J., Roberts, M.B., Parfitt, S.A. (1999) Diaphyseal cross-sectional geometry of the Boxgrove 1 Middle Pleistocene human tibia. *Journal of Human Evolution*. 37, 1-25. doi.10.1006/jhev.1999.0295.*
- Trinkaus, E., Churchill, S.E. (1999) Diaphyseal cross-sectional geometry of Near Eastern Middle Paleolithic humans: The humerus. *Journal of Archaeological Science* 26, 173-184. doi 10.1006/jasc.1998.0314.*
- Trinkaus, E., Ruff, C.B., Churchill, S.E. (1998) Upper limb versus lower limb loading patterns among Near Eastern Middle Paleolithic hominids. In: T. Akazawa, K. Aoki, O. Bar Yosef (eds.) *Neanderthals and Modern Humans in West Asia*. New York: Plenum Press. pp.391-404.‡
- Anderson, J.Y., Trinkaus, E. (1998) Patterns of sexual, bilateral and inter-populational variation in human femoral neck-shaft angles. *Journal of Anatomy (London)* 192, 279-285.*
- Stefan, V.H., Trinkaus, E. (1998) La Quina 9 and Neandertal mandibular variability. *Bulletins et Mémoires de la Société d'Anthropologie de Paris*. ns10, 293-324.*
- Stringer, C.B., Trinkaus, E., Roberts, M.B., Parfitt, S.A., Macphail, R.I. (1998) The Middle Pleistocene human tibia from Boxgrove. *Journal of Human Evolution* 34, 509-547. doi.org/10.1006/jhev.1998.0215.*
- Stefan, V.H., Trinkaus, E. (1998) Discrete trait and dental morphometric affinities of the Tabun 2 mandible. *Journal of Human Evolution* 34, 443-468. doi.org/10.1006/jhev.1997.0210.*
- Trinkaus, E., Ruff, C.B., Churchill, S.E., Vandermeersch, B. (1998) Locomotion and body proportions of the Saint-Césaire 1 Châtelperronian Neandertal. *Proceedings of the National Academy of Sciences USA*. 95, 5836-5840.
- Trinkaus, E. (1997) Appendicular robusticity and the paleobiology of modern human emergence. *Proceedings of the National Academy of Sciences USA*. 94, 13367-13373.†
- Dawson, J.E., Trinkaus, E. (1997) Vertebral osteoarthritis of the La Chapelle-aux-Saints 1 Neandertal. *Journal of Archaeological Science*. 24, 1015-1021. doi.org/10.1006/jasc.1996.0179.*
- Fennell, K.J., Trinkaus, E. (1997) Bilateral femoral and tibial periostitis in the La Ferrassie 1 Neandertal. *Journal of Archaeological Science*. 24, 985-995. doi.org/10.1006/jasc.1996.0176.*
- Niewoehner, W.A., Weaver, A.H., Trinkaus, E. (1997) Neandertal capitate-metacarpal articular morphology. *American Journal of Physical Anthropology* 103, 219-233. doi.10.1002/(SICI)1096-8644.*
- Ruff, C.B., Trinkaus, E., Holliday, T.W. (1997) Body mass and encephalization in Pleistocene *Homo*. *Nature*. 387, 173-176. doi.10.1038/387173a0.*

- Trinkaus, E. (1997) Cross-sectional geometry of the long bone diaphyses of Pavlov 1. In: J. Svoboda (ed.). *Pavlov I – Northwest. The Upper Paleolithic Burial and its Settlement Context*. Dolní Věstonice Studies 4. Brno: Akademie Ved České Republiky. pp. 155-166.†
- Trinkaus, E., Jelínek, J. (1997) Human remains from the Moravian Gravettian: The Dolní Věstonice 3 postcrania. *Journal of Human Evolution* 33, 33-82. doi.org/10.1006/jhev.1997.0142.*
- Ungar, P.S., Fennell, K.J., Gordon, K., Trinkaus, E. (1997) Neandertal incisor beveling. *Journal of Human Evolution* 32, 407-421. doi.org/10.1006/jhev.1996.0109.*
- Mallegni, F., Trinkaus, E. (1997) A reconsideration of the Archi 1 Neandertal mandible. *Journal of Human Evolution* 33, 651-668. doi.org/10.1006/jhev.1997.0159.*
- Trinkaus, E., Ruff, C.B. (1996) Early modern human remains from eastern Asia: the Yamashita-cho 1 immature postcrania. *Journal of Human Evolution* 30, 299-314. doi.org/10.1006/jhev.1996.0025.*
- Trinkaus, E. (1996) The humerus versus the femur: Changing patterns of diaphyseal robusticity across the late archaic to early modern human transition. *Anthropologie (Brno)*. 34, 239-247.†
- Trinkaus, E., Hilton, C.E. (1996) Neandertal pedal proximal phalanges: diaphyseal loading patterns. *Journal of Human Evolution* 30, 399-425. doi.org/10.1006/jhev.1996.0035.*
- Abbott, S., Trinkaus, E., Burr, D.B. (1996) Dynamic bone remodeling in later Pleistocene fossil hominids. *American Journal of Physical Anthropology* 99, 585-601. doi.10.1002/(SICI)1096-8644.*
- Trinkaus, E. (1996) The *M. obturator internus* sulcus on Middle and Late Pleistocene human ischia. *American Journal of Physical Anthropology* 101, 503-513. doi.10.1002/(SICI)1096-8644.*
- Churchill, S.E., Pearson, O.M., Grine, F.E., Trinkaus, E., Holliday, T.W. (1996) Morphological affinities of the proximal ulna from Klasies River Mouth Main Site: Archaic or modern? *Journal of Human Evolution* 31, 213-237. doi.10.1006/jhev.1996.0058.*
- Trinkaus, E., Arter, D.D., Franciscus, R.G. (1996) A reconstruction of the Shanidar 4 facial skeleton. *Paléorient* 21, 51-66.*
- Vandermeersch, B., Trinkaus, E. (1995) The postcranial remains of the Régourdou 1 Neandertal: The shoulder and arm remains. *Journal of Human Evolution* 28, 439-476. doi.org/10.1006/jhev.1995.1034.*
- Trinkaus, E. (1995) Near Eastern late archaic humans. *Paléorient* 21, 9-23.†*
- Trinkaus, E. (1995) Brains and bodies: Mosaic trends in Middle Pleistocene archaic *Homo* morphology (Cerebros y cuerpos: Tendencias evolutivas en mosaico de la morfología del hombre arcaico durante el Pleistoceno Medio). In: J.M. Bermúdez de Castro, J.L. Arsuaga, E. Carbonell (eds.) *Evolución Humana en Europa y los Yacimientos de la Sierra de Atapuerca*. Valladolid: Consejería de Cultura y Turismo, Junta de Castilla y León. 1: 205-228.‡
- Trinkaus, E., Smith, F.H. (1995) Body size of the Vindija Neandertals. *Journal of Human Evolution* 28, 201-208. doi. 10.1006/jhev.1995.1015.*
- Trinkaus, E. (1995) Neanderthal mortality patterns. *Journal of Archaeological Science* 22, 121-142. doi.org/10.1016/S0305-4403(95)80170-7.*

- Franciscus, R.G., Trinkaus, E. (1995) Determinants of retromolar space presence in Pleistocene *Homo* mandibles. *Journal of Human Evolution* 28, 577-595. doi.org/10.1006/jhev.1995.1043.*
- Berger, T.D., Trinkaus, E. (1995) Patterns of trauma among the Neandertals. *Journal of Archaeological Science* 22, 841-852. doi.org/10.1016/0305-4403(95)90013-6.*
- Tardieu, C., Trinkaus, E. (1994) The early ontogeny of the human femoral bicondylar angle. *American Journal of Physical Anthropology* 95, 183-195. doi.10.1002/ajpa.1330950206.*
- Trinkaus, E. (1994) Le col du fémur: un indicateur social pour les anthropologues? *La Recherche* 25(268), 950-951.†
- Ruff, C.B., Walker, A., Trinkaus, E. (1994) Postcranial robusticity in *Homo*, III: Ontogeny. *American Journal of Physical Anthropology* 93, 35-54. doi.10.1002/ajpa.1330930103.*
- Trinkaus, E., Churchill, S.E., Ruff, C.B. (1994) Postcranial robusticity in *Homo*, II: Humeral bilateral asymmetry and bone plasticity. *American Journal of Physical Anthropology* 93, 1-34. DOI: 10.1002/ajpa.1330930102*
- Ruff, C.B., Trinkaus, E., Walker, A., Larsen, C.S. (1993) Postcranial robusticity in *Homo*, I: Temporal trends and mechanical interpretations. *American Journal of Physical Anthropology* 91, 21-53. doi.10.1002/ajpa.1330910103.*
- Trinkaus, E. (1993) Femoral neck-shaft angles of the Qafzeh-Skhul early modern humans, and activity levels among immature Near Eastern Middle Paleolithic hominids. *Journal of Human Evolution* 25, 393-416. doi.org/10.1006/jhev.1993.1058.*
- Trinkaus, E. (1993) Variability in the position of the mandibular mental foramen and the identification of Neandertal apomorphies. *Rivista di Antropologia (Roma)* 71, 259-274.*
- Trinkaus, E., Shipman, P. (1993) The Neandertals: Images of ourselves. *Evolutionary Anthropology* 1, 194-201. doi.10.1002/evan.1360010605.*†
- Trinkaus, E. (1993) A note on the KNM-ER 999 hominid femur. *Journal of Human Evolution* 24, 493-504. doi.org/10.1006/jhev.1993.1033.*
- Trinkaus, E. (1992) Cladistics and later Pleistocene human evolution. In: G. Bräuer, F.H. Smith (eds.), *Continuity or Replacement: Controversies in Homo sapiens Evolution*. Rotterdam: Balkema. pp. 1-7.†
- Crubézy, E., Trinkaus, E. (1992) Shanidar 1: A case of hyperostotic disease (DISH) in the Middle Paleolithic. *American Journal of Physical Anthropology* 89, 411-420. doi.10.1002/ajpa.1330890402.*
- Trinkaus, E. (1992) Morphological contrasts between the Near Eastern Qafzeh-Skhul and late archaic human samples: Grounds for a behavioral difference? In: T. Akazawa, K. Aoki, T. Kimura (eds.), *The Evolution and Dispersal of Modern Humans in Asia*. Tokyo: Hokus-en-Sha Pub. Co. pp. 277-294.‡
- Trinkaus, E. (1992) Paleontological perspectives on Neandertal behavior. In: M. Toussaint (ed.) *5 Millions d'Années: L'Aventure Humaine. Études et Recherches Archéologiques de l'Université de Liège*. 56, 151-176.‡
- Trinkaus, E., Churchill, S.E., Villemeur, I., Riley, K.G., Heller, J.A., Ruff, C.B. (1991) Robusticity versus shape: the functional interpretation of Neandertal appendicular morphology.

- Journal of the Anthropological Society of Nippon*. 99, 257-278.
doi.org/10.1537/ase1911.99.257.‡
- Trinkaus, E., Villemeur, I. (1991) Mechanical advantages of the Neandertal thumb in flexion: A test of an hypothesis. *American Journal of Physical Anthropology* 84, 249-260.
doi.10.1002/ajpa.1330840303.*
- Trinkaus, E. (1991) Les hommes fossiles de la Grotte de Shanidar, Irak: Evolution et continuité parmi les hommes archaïques tardifs du Proche-Orient. *L'Anthropologie* 95, 535-572.†
- Smith, F.H., Trinkaus, E. (1991) Les origines de l'homme moderne en Europe centrale: Un cas de continuité. In: J.J. Hublin, A.M. Tillier (eds.), *Aux Origines d'Homo sapiens. Nouvelle Encyclopédie Diderot*. Paris: Presses Universitaires de France. pp.251-290.†
- Trinkaus, E. (1991) Why bother with the Neandertals? In: A. Bietti, G. Manzi (eds.), *The Fossil Man of Monte Circeo: Fifty Years of Studies on the Neandertals in Latium. Quaternaria Nova* 1, 639-651.‡
- Trinkaus, E. (1990) Cladistics and the hominid fossil record. *American Journal of Physical Anthropology*. 83, 1-11. doi.10.1002/ajpa.1330830102.*
- Trinkaus, E., Long, J.C. (1990) Species attribution of the Swartkrans Member 1 first metacarpals: SK 84 and SKX 5020. *American Journal of Physical Anthropology*. 83, 419-424.
doi.10.1002/ajpa.1330830403.*³
- Trinkaus, E., Tompkins, R.L. (1990) The Neandertal life cycle: The possibility, probability, and perceptibility of contrasts with recent humans. In: C.J. DeRousseau (ed.), *Primate Life History and Evolution. Monographs in Primatology Vol. 14*. New York: Wiley-Liss.
pp.153-180. ‡
- Churchill, S.E., Trinkaus, E. (1990) Neandertal scapular glenoid morphology. *American Journal of Physical Anthropology*. 83, 147-160. doi.10.1002/ajpa.1330830203.*
- Trinkaus, E. (1989) Neandertal upper limb morphology and manipulation. In: G. Giacobini (ed.), *Hominidae: Actes du 2ème Congrès International de Paléontologie Humaine*. Turin: Jaca Book. pp.331-338. ‡
- Trinkaus, E. (1989) Olduvai Hominid 7 trapezial metacarpal 1 articular morphology: Contrasts with recent humans. *American Journal of Physical Anthropology* 80, 411-416.
doi.10.1002/ajpa.1330800402.*
- Trinkaus, E., Ruff, C.B. (1989) Diaphyseal cross-sectional geometry and biomechanics of the Fond-de-Forêt 1 femur and the Spy 2 femur and tibia. *Bulletin de la Société royale belge d'Anthropologie et de Préhistoire*. 100, 33-42.†
- Ogilvie, M.D., Curran, B.K., Trinkaus, E. (1989) The incidence and patterning of dental enamel hypoplasias among the Neandertals. *American Journal of Physical Anthropology*. 79, 25-41. doi.10.1002/ajpa.1330790104.*
- Trinkaus, E. (1988) Human Origins. In: N.K. Wessels, J.L. Hopson (eds.), *Biology*. New York: Random House Inc. pp. 1215- 1238.†
- Franciscus, R.G., Trinkaus, E. (1988) Nasal morphology and the emergence of *Homo erectus*. *American Journal of Physical Anthropology*. 75, 517-527.
doi.10.1002/ajpa.1330750409.*

³ Reprinted in: E. Delson, I. Tattersall, and J. Van Couvering (eds.), *Paleoanthropology Annuals*. 1: 107-112 [1991].

- Trinkaus, E., Churchill, S.E. (1988) Neandertal radial tuberosity orientation. *American Journal of Physical Anthropology*. 75, 15-21. doi.10.1002/ajpa.1330750103.*
- Trinkaus, E. (1987) The Neandertal face: evolutionary and functional perspectives on a recent hominid face. *Journal of Human Evolution*. 16, 429-443. doi.org/10.1016/0047-2484(87)90071-6.*
- Trinkaus, E. (1987) The Upper Pleistocene human molar from Me'arat Shovakh (Mugharet esh-Shubbabiq), Israel. *Paléorient*. 13, 93-98.*
- Trinkaus, E., Thompson, D.D. (1987) Femoral diaphyseal histomorphometric age determinations for the Shanidar 3, 4, 5 and 6 Neandertals and Neandertal longevity. *American Journal of Physical Anthropology*. 72, 123-129. doi.10.1002/ajpa.1330720115.*
- Tompkins, R.L., Trinkaus, E. (1987) La Ferrassie 6 and the development of Neandertal pubic morphology. *American Journal of Physical Anthropology*. 73, 233-239. doi.10.1002/ajpa.1330730210.*
- Trinkaus, E. (1987) Bodies, brawn, brains and noses: Human ancestors and human predation. In: M.H. Nitecki, D.V. Nitecki (eds.), *The Evolution of Human Hunting*. New York: Plenum Press. pp. 107-145. ‡
- Trinkaus, E. (1986) Les Néandertaliens. *La Recherche*. 17, 1040-1047.†
- Trinkaus, E. (1986) Les hommes fossiles d'Amérique et les origines des Amérindiens. In: D. Ferembach, C. Susanne, M.C. Chamla (eds.), *L'Homme, son Evolution, sa Diversité: Manuel d'Anthropologie Physique*. Paris: Editions du C.N.R.S. et Editions Doin. pp. 293-296.†
- Trinkaus, E. (1986) The Neandertals and modern human origins. *Annual Review of Anthropology*. 15, 193-218.†
- Trinkaus, E. (1986) Gensac-la-Pallue, Abri Laubaret, sondage. Néolithique. In: A. Debord, J.C. Papinot (eds.), *Bulletin de Liason et d'Information, Association des Archéologues et Direction des Antiquités de Poitou-Charentes*. 15, 13.
- Trinkaus, E. (1985) Cannibalism and burial at Krapina. *Journal of Human Evolution*. 14, 203-216. doi.org/10.1016/S0047-2484(85)80007-5.*
- Trinkaus, E., Maurer Trinkaus, K. (1985) Un sondage à la Grotte d'Enteroches (Magnac-sur-Touvre, Charente). *Bulletin et Mémoires de la Société Archéologique et Historique de la Charente*. 1985(4), 227-237.
- Trinkaus, E. (1985) Pathology and the posture of the La Chapelle-aux-Saints Neandertal. *American Journal of Physical Anthropology*. 67, 19-41. doi/10.1002/ajpa.1330670105.*
- Trinkaus, E., Smith, F.H. (1985) The fate of the Neandertals. In: E. Delson (ed.), *Ancestors: The Hard Evidence*. New York: Alan R. Liss Inc. pp. 325-333. ‡⁴
- Trinkaus, E. (1984) Western Asia. In: F.H. Smith, F. Spencer (eds.), *The Origins of Modern Humans: A World Survey of the Fossil Evidence*. New York: Alan R. Liss Inc. pp.251-293.†
- Maurer Trinkaus, K., Trinkaus, E., Gomez de Soto, J. (1984) Première découverte de céramique Campanienne A tardive en Charente, Grotte d'Enteroches, Magnac-sur-Touvre. *Bulletin et Mémoires de la Société Archéologique et Historique de la Charente*. 1984(3), 202-204.

⁴ Reprinted in: R.L. Ciochon and J.G. Fleagle (eds.) *The Human Evolution Source Book*. Englewood Cliffs: Prentice-Hall. pp. 579-585 [1993].

- Trinkaus, E. (1984) Does KNM-ER 1481A establish *Homo erectus* at 2.0 myr BP? *American Journal of Physical Anthropology*. 64, 137-139. doi.10.1002/ajpa.1330640206.*
- Trinkaus, E. (1984) Neandertal pubic morphology and gestation length. *Current Anthropology*. 25, 509-514.*
- Trinkaus, E. (1983) Functional aspects of Neandertal pedal remains. *Foot and Ankle*. 3, 377-390.†
- Trinkaus, E. (1982) A history of *Homo erectus* and *Homo sapiens* paleontology in America. In: F. Spencer (ed.), *A History of American Physical Anthropology 1930-1980*. New York: Academic Press. pp. 261-280.†
- Trinkaus, E., LeMay, M. (1982) Occipital bunning among later Pleistocene hominids. *American Journal of Physical Anthropology*. 57, 27-35. doi/10.1002/ajpa.1330570106.*
- Trinkaus, E., Zimmerman, M.R. (1982) Trauma among the Shanidar Neandertals. *American Journal of Physical Anthropology*. 57, 61- 76. doi/10.1002/ajpa.1330570108.*
- Trinkaus, E. (1982) Artificial cranial deformation of the Shanidar 1 and 5 Neandertals. *Current Anthropology*. 23, 198-199. doi 10.1086/202808.*
- Trinkaus, E. (1982) The Shanidar 3 Neandertal. *American Journal of Physical Anthropology*. 57, 37-60. doi/10.1002/ajpa.1330570107.*
- Trinkaus, E. (1982) The human skeleton from the Nantucket Field Station site. *Bulletin of the Massachusetts Archaeological Society*. 43, 37-39.
- Trinkaus, E. (1982) Evolutionary continuity among archaic *Homo sapiens*. In: A. Ronen (ed.), *The Transition from the Lower to Middle Palaeolithic and the Origin of Modern Man*. Oxford: British Archaeological Reports. S151, 301-314. ‡
- Stringer, C.B., Trinkaus, E. (1981) The Shanidar Neanderthal crania. In: C.B. Stringer (ed.), *Aspects of Human Evolution*. London: Taylor & Francis. pp. 129-165.†
- Trinkaus, E. (1981) Neanderthal limb proportions and cold adaptation. In: C.B. Stringer (ed.), *Aspects of Human Evolution*. London: Taylor & Francis. pp. 187-224. ‡
- Thompson, D.D., Trinkaus, E. (1981) Age determination for the Shanidar 3 Neanderthal. *Science*. 212, 575-577. DOI: 10.1126/science.6782677.*
- Zimmerman, M.R., Trinkaus, E., LeMay, M., Aufderheide, A.C., Reyman, T.A., Marrocco, G.A., Schultes, R.E., Coughlin, E.A. (1981) Trauma and trephination in a Peruvian mummy. *American Journal of Physical Anthropology*. 55, 497-501.*
- Trinkaus, E., Howells, W.W. (1981) De Neanderthalers. In: F. van Noten (ed.), *De Evolutie van de Mens. Natuur en Techniek*. 50, 264-291.†
- Zimmerman, M.R., Trinkaus, E., LeMay, M., Aufderheide, A.C., Reyman, T.A., Marrocco, G.A., Ortel, W., Benitez, J.T., Laughlin, W.S., Horne, P.D., Schultes, R.E., Coughlin, E.A. (1981) The paleopathology of an Aleutian mummy. *Archives of Pathology and Laboratory Medicine*. 105, 638-641.*
- Trinkaus, E. (1980) New light on the very ancient Near East. *Symbols*. 2, 2,3,11.
- Trinkaus, E., Stewart, T.D. (1980) The Shanidar 3 Neanderthal: A fragmentary skeleton from Shanidar Cave, northern Iraq. *Sumer*. 36, 9-39.
- Trinkaus, E. (1980) Sexual differences in Neanderthal limb bones. *Journal of Human Evolution*. 9, 377-397. doi 10.1016/0047-2484(80)90049-4.†

- Lovejoy, C.O., Trinkaus, E. (1980) Strength and robusticity in the Neandertal tibia. *American Journal of Physical Anthropology*. 53, 465-470. doi/10.1002/ajpa.1330530402 .*
- Trinkaus, E., Howells, W.W. (1979) The Neanderthals. *Scientific American*. 241(6), 118-133.†
- Trinkaus, E. (1978) Hard times among the Neandertals. *Natural History*. 87(10), 58-63.⁵
- Trinkaus, E. (1978) Functional implications of the Krapina Neandertal lower limb remains. In: M. Malez (ed.), *Krapinski Pracevjek i Evolucija Hominida*. Zagreb: Jugoslavenska Akademija Znanosti i Umjetnosti. pp. 155-192.†
- Trinkaus, E. (1978) Les métatarsiens et les phalanges du pied des Néandertaliens de Spy. *Bulletin de l'Institut royal des Sciences naturelles de Belgique*. 51(7), 1-18.
- Trinkaus, E. (1978) A preliminary description of the Shanidar 5 partial skeleton. In: D.J. Chivers, K.A. Joysey (eds.), *Recent Advances in Primatology*. London: Academic Press. 3, 431-433. ‡
- Trinkaus, E. (1978) Bilateral asymmetry of human skeletal non-metric traits. *American Journal of Physical Anthropology*. 49, 315-318. doi/10.1002/ajpa.1330490304.*
- Trinkaus, E. (1978) The human skeletal remains from Hallstatt in the Duchess of Mecklenburg Collection. *Germania*. 56, 88-93.⁶
- Trinkaus, E. (1978) Dental remains from the Shanidar adult Neanderthals. *Journal of Human Evolution*. 7, 369-382.*
- Trinkaus, E. (1977) An inventory of the Neanderthal remains from Shanidar Cave. *Sumer*. 33, 9-33.
- Trinkaus, E. (1977) The Shanidar 5 Neanderthal skeleton. *Sumer*. 33, 34-41.
- Rhoads, J.G., Trinkaus, E. (1977) Morphometrics of the Neandertal talus. *American Journal of Physical Anthropology*. 46, 29-44. doi/10.1002/ajpa.1330460106 .*
- Trinkaus, E. (1977) A functional interpretation of the axillary border of the Neandertal scapula. *Journal of Human Evolution*. 6, 231-234. doi 10.1016/S0047-2484(77)80047-X.
- Trinkaus, E. (1977) The Alto Salaverry child: A case of anemia from the Peruvian preceramic. *American Journal of Physical Anthropology*. 46, 25-28. doi/10.1002/ajpa.1330460105.*
- Trinkaus, E. (1976) The morphology of European and southwest Asian Neandertal pubic bones. *American Journal of Physical Anthropology*. 44, 95-104.*
- Trinkaus, E. (1976) The evolution of the hominid femoral diaphysis during the Upper Pleistocene in Europe and the Near East. *Zeitschrift für Morphologie und Anthropologie*. 67, 291-319.
- Trinkaus, E. (1976) Note on the hominid molar from the Abri des Merveilles at Castel-Merle (Dordogne). *Journal of Human Evolution*. 5, 203-205. doi.10.1016/0047-2484(76)90021-X.

⁵ Reprinted in: E. Angeloni (ed.), *Annual Editions: Physical Anthropology*. Guilford CT: Dushkin Pub. 92/93,118-122 [1992]; 93/94,167-171 [1993]; 94/95,167-171 [1994].

⁶ Reprinted in: P.S. Wells (ed.), *The Emergence of an Iron Age Economy: The Mecklenburg Grave Groups from Hallstatt and Sticna*. *American School of Prehistoric Research Bulletin*. 33, 30-36 [1981].

- Trinkaus, E. (1975) The Neandertals from Krapina, northern Yugoslavia: An inventory of their lower limb remains. *Zeitschrift für Morphologie und Anthropologie*. 67, 44-59.
- Trinkaus, E. (1975) Squatting among the Neandertals: A problem in the behavioral interpretation of skeletal morphology. *Journal of Archaeological Science*. 2, 327-351. doi.10.1016/0305-4403(75)90005-9.
- Mann, A.E., Trinkaus, E. (1974) Neandertal and Neandertal-like fossils from the Upper Pleistocene. *Yearbook of Physical Anthropology*. 17, 169-193.‡
- Trinkaus, E. (1973) A reconsideration of the Fontéchevade fossils. *American Journal of Physical Anthropology*. 39, 25-36. doi 10.1002/ajpa.1330390105.*

PUBLICATIONS: Chapters in ET-Edited Volumes

- Trinkaus, E. (2017) The Palomas cranial remains. In: Trinkaus, E., Walker, M.J. (Eds.) *The People of Palomas: The Neandertals from the Sima de las Palomas del Cabezo Gordo, Southeastern Spain*. College Station TX: Texas A&M University Press. pp. 24-29.
- Trinkaus, E., Zapata, J., Bayle, P., Robson Brown, K.A., Alcaraz, M., Lombardi, A.V., Walker, M.J. (2017) The Palomas mandibles. In: Trinkaus, E., Walker, M.J. (Eds.) *The People of Palomas: The Neandertals from the Sima de las Palomas del Cabezo Gordo, Southeastern Spain*. College Station TX: Texas A&M University Press. pp. 30-51.
- Zapata, J., Bayle, P., Lombardi, A.V., Pérez-Pérez, A., Trinkaus, E. (2017) The Palomas dental remains: Preservation, wear and morphology. In: Trinkaus, E., Walker, M.J. (Eds.) *The People of Palomas: The Neandertals from the Sima de las Palomas del Cabezo Gordo, Southeastern Spain*. College Station TX: Texas A&M University Press. pp. 52-88.
- Pinilla, B., Trinkaus, E. (2017) The Palomas dental remains: Size and proportions. In: Trinkaus, E., Walker, M.J. (Eds.) *The People of Palomas: The Neandertals from the Sima de las Palomas del Cabezo Gordo, Southeastern Spain*. College Station TX: Texas A&M University Press. pp. 89-104.
- Lacy, S.A., Zapata, J., Lombardi, A.V., Willman, J.C., Trinkaus, E. (2017) The Palomas oral pathology and stress indicators. In: Trinkaus, E., Walker, M.J. (Eds.) *The People of Palomas: The Neandertals from the Sima de las Palomas del Cabezo Gordo, Southeastern Spain*. College Station TX: Texas A&M University Press. pp. 175-182.
- Trinkaus, E., Robson Brown, K.A., Ortega, J., Karaková, K. (2017) The Palomas postcrania. In: Trinkaus, E., Walker, M.J. (Eds.) *The People of Palomas: The Neandertals from the Sima de las Palomas del Cabezo Gordo, Southeastern Spain*. College Station TX: Texas A&M University Press. pp. 183-228.
- Trinkaus, E. (2017) The Palomas body size and proportions. In: Trinkaus, E., Walker, M.J. (Eds.) *The People of Palomas: The Neandertals from the Sima de las Palomas del Cabezo Gordo, Southeastern Spain*. College Station TX: Texas A&M University Press. pp. 229-238.
- Trinkaus, E. (2017) The Palomas mortality patterns. In: Trinkaus, E., Walker, M.J. (Eds.) *The People of Palomas: The Neandertals from the Sima de las Palomas del Cabezo Gordo, Southeastern Spain*. College Station TX: Texas A&M University Press. pp. 239-244.

- Milota Ş, Gherase M, Sarcină L, Rodrigo R, Moldovan O, Trinkaus E, Constantin S, Zilhão J. (2013) Exploration and documentation of the Peștera cu Oase. In: Trinkaus, E., Constantin, S., Zilhão, J. (Eds.) *Life and Death at the Peștera cu Oase. A Setting for Modern Human Emergence in Europe*. New York: Oxford University Press. pp. 5-15.
- Zilhão J, Milota Ş, Rodrigo R, Constantin S, Trinkaus E. (2013) Problems, approaches and fieldwork: 2004-2005. In: Trinkaus, E., Constantin, S., Zilhão, J. (Eds.) *Life and Death at the Peștera cu Oase. A Setting for Modern Human Emergence in Europe*. New York: Oxford University Press. pp. 16-30.
- Trinkaus E., Pacher M. (2013) Taphonomic considerations of the non-ursid vertebrate remains. In: Trinkaus, E., Constantin, S., Zilhão, J. (Eds.) *Life and Death at the Peștera cu Oase. A Setting for Modern Human Emergence in Europe*. New York: Oxford University Press. pp. 204-210.
- Trinkaus E, Richards M.P. (2013) Stable isotopes and dietary patterns of the faunal species from the Peștera cu Oase. In: Trinkaus, E., Constantin, S., Zilhão, J. (Eds.) *Life and Death at the Peștera cu Oase. A Setting for Modern Human Emergence in Europe*. New York: Oxford University Press. pp. 211-226.
- Trinkaus E. (2013) Radiocarbon Dating of the Peștera cu Oase human remains. In: Trinkaus, E., Constantin, S., Zilhão, J. (Eds.) *Life and Death at the Peștera cu Oase. A Setting for Modern Human Emergence in Europe*. New York: Oxford University Press. pp. 229-233.
- Trinkaus E, Rougier H. (2013) The human mandible from the Peștera cu Oase, Oase 1. In: Trinkaus, E., Constantin, S., Zilhão, J. (Eds.) *Life and Death at the Peștera cu Oase. A Setting for Modern Human Emergence in Europe*. New York: Oxford University Press. pp. 234-256.
- Rougier H, Trinkaus E. (2013) The human cranium from the Peștera cu Oase, Oase 2. In: Trinkaus, E., Constantin, S., Zilhão, J. (Eds.) *Life and Death at the Peștera cu Oase. A Setting for Modern Human Emergence in Europe*. New York: Oxford University Press. pp. 257-320.
- Trinkaus E, Bailey SE, Rougier H. (2013) The dental and alveolar remains of Oase 1 and 2. In: Trinkaus, E., Constantin, S., Zilhão, J. (Eds.) *Life and Death at the Peștera cu Oase. A Setting for Modern Human Emergence in Europe*. New York: Oxford University Press. pp. 348-374.
- Richards MP, Trinkaus E. (2013) The Oase 1 human stable isotopes. In: Trinkaus, E., Constantin, S., Zilhão, J. (Eds.) *Life and Death at the Peștera cu Oase. A Setting for Modern Human Emergence in Europe*. New York: Oxford University Press. pp. 375-382.
- Constantin S, Zilhão J, Trinkaus E. (2013) The paleoenvironmental context of the Peștera cu Oase. In: Trinkaus, E., Constantin, S., Zilhão, J. (Eds.) *Life and Death at the Peștera cu Oase. A Setting for Modern Human Emergence in Europe*. New York: Oxford University Press. pp. 385-388.
- Trinkaus E, Zilhão J. (2013) Paleoanthropological implications of the Peștera cu Oase and its contents. In: Trinkaus, E., Constantin, S., Zilhão, J. (Eds.) *Life and Death at the Peștera cu Oase. A Setting for Modern Human Emergence in Europe*. New York: Oxford University Press. pp. 389-400.
- Hillson, S.W., Franciscus, R.G., Holliday, T.W., Trinkaus, E. (2006) The ages-at-death. In (E. Trinkaus, J.A. Svoboda, Eds.) *Early Modern Human Evolution in Central Europe: The People of Dolní Věstonice and Pavlov*. New York: Oxford University Press, pp. 31-45.

- Brůžek, J., Franciscus, R.G. Novotný, V., Trinkaus, E. (2006) The assessment of sex. In (E. Trinkaus, J.A. Svoboda, Eds.) *Early Modern Human Evolution in Central Europe: The People of Dolní Věstonice and Pavlov*. New York: Oxford University Press, pp. 46-62.
- Lisoněk, P., Trinkaus, E. (2006) The auditory ossicles. In (E. Trinkaus, J.A. Svoboda, Eds.) *Early Modern Human Evolution in Central Europe: The People of Dolní Věstonice and Pavlov*. New York: Oxford University Press, pp. 153-155.
- Franciscus, R.G., Vlček, E., Trinkaus, E. (2006) The mandibular remains. In (E. Trinkaus, J.A. Svoboda, Eds.) *Early Modern Human Evolution in Central Europe: The People of Dolní Věstonice and Pavlov*. New York: Oxford University Press, pp. 156-178.
- Trinkaus, E. (2006) Body length and body mass. In (E. Trinkaus, J.A. Svoboda, Eds.) *Early Modern Human Evolution in Central Europe: The People of Dolní Věstonice and Pavlov*. New York: Oxford University Press, pp. 233-241.
- Trinkaus, E. (2006) The upper limb remains. In (E. Trinkaus, J.A. Svoboda, Eds.) *Early Modern Human Evolution in Central Europe: The People of Dolní Věstonice and Pavlov*. New York: Oxford University Press, pp. 327-372.
- Trinkaus, E. The pelvic remains. In (E. Trinkaus, J.A. Svoboda, Eds.) *Early Modern Human Evolution in Central Europe: The People of Dolní Věstonice and Pavlov*. New York: Oxford University Press, pp. 373-379.
- Trinkaus, E. (2006) The lower limb remains. In (E. Trinkaus, J.A. Svoboda, Eds.) *Early Modern Human Evolution in Central Europe: The People of Dolní Věstonice and Pavlov*. New York: Oxford University Press, pp.380-418.
- Trinkaus, E., Hillson, S.W., Franciscus, R.G., Holliday, T.W. (2006) Skeletal and dental paleopathology. In (E. Trinkaus, J.A. Svoboda, Eds.) *Early Modern Human Evolution in Central Europe: The People of Dolní Věstonice and Pavlov*. New York: Oxford University Press, pp.419-458.
- Duarte, C., Hillson, S.W., Holliday, T.W., Trinkaus, E. (2002) The Lagar Velho 1 human skeletal inventory. In (J. Zilhão, E. Trinkaus, Eds.) *Portrait of the Artist as a Child. The Gravettian Human Skeleton from the Abrigo do Lagar Velho and its Archeological Context. Trabalhos de Arqueologia 22*, 221-241.
- Trinkaus, E., Holliday, T.W., Brůžek J. (2002) The skeletal age-at-death. In (J. Zilhão, E. Trinkaus, Eds.) *Portrait of the Artist as a Child. The Gravettian Human Skeleton from the Abrigo do Lagar Velho and its Archeological Context. Trabalhos de Arqueologia 22*, 246-251.
- Trinkaus, E. (2002) The cranial morphology. In (J. Zilhão, E. Trinkaus, Eds.) *Portrait of the Artist as a Child. The Gravettian Human Skeleton from the Abrigo do Lagar Velho and its Archeological Context. Trabalhos de Arqueologia 22*, 256-286.
- Trinkaus, E. (2002) The mandibular morphology. In (J. Zilhão, E. Trinkaus, Eds.) *Portrait of the Artist as a Child. The Gravettian Human Skeleton from the Abrigo do Lagar Velho and its Archeological Context. Trabalhos de Arqueologia 22*, 312-325.
- Hillson, S.W., Trinkaus, E. (2002) Comparative dental crown metrics. In (J. Zilhão, E. Trinkaus, Eds.) *Portrait of the Artist as a Child. The Gravettian Human Skeleton from the Abrigo do Lagar Velho and its Archeological Context. Trabalhos de Arqueologia 22*, 356-364.
- Ruff, C.B., Trinkaus, E., Holliday, T.W. (2002) Body proportions and size. In (J. Zilhão, E. Trinkaus, Eds.) *Portrait of the Artist as a Child. The Gravettian Human Skeleton from the*

- Abrigo do Lagar Velho and its Archeological Context. Trabalhos de Arqueologia 22, 365-391.*
- Brůžek, J., Trinkaus, E. (2002) The pelvic morphology. In (J. Zilhão, E. Trinkaus, Eds. *Portrait of the Artist as a Child. The Gravettian Human Skeleton from the Abrigo do Lagar Velho and its Archeological Context. Trabalhos de Arqueologia 22, 427-434.*
- Trinkaus, E., Ruff, C.B., Esteves, F., Santos Coelho, J.M., Silva, M., Mendonça, M. (2002) The lower limb remains. In (J. Zilhão, E. Trinkaus, Eds. *Portrait of the Artist as a Child. The Gravettian Human Skeleton from the Abrigo do Lagar Velho and its Archeological Context. Trabalhos de Arqueologia 22, 435-465.*
- Trinkaus, E., Ruff, C.B., Esteves, F., Santos Coelho, J.M., Silva, M., Mendonça, M. (2002) The upper limb remains. In (J. Zilhão, E. Trinkaus, Eds. *Portrait of the Artist as a Child. The Gravettian Human Skeleton from the Abrigo do Lagar Velho and its Archeological Context. Trabalhos de Arqueologia 22, 466-488.*
- Trinkaus, E., Hillson, S.W., Santos Coelho, J.M. (2002) Paleopathology. In (J. Zilhão, E. Trinkaus, Eds. *Portrait of the Artist as a Child. The Gravettian Human Skeleton from the Abrigo do Lagar Velho and its Archeological Context. Trabalhos de Arqueologia 22, 489-495.*
- Trinkaus, E., Zilhão, J. (2002) Phylogenetic implications. In (J. Zilhão, E. Trinkaus, Eds. *Portrait of the Artist as a Child. The Gravettian Human Skeleton from the Abrigo do Lagar Velho and its Archeological Context. Trabalhos de Arqueologia 22, 497-518.*
- Zilhão, J., Trinkaus, E. (2002) Social implications. In (J. Zilhão, E. Trinkaus, Eds. *Portrait of the Artist as a Child. The Gravettian Human Skeleton from the Abrigo do Lagar Velho and its Archeological Context. Trabalhos de Arqueologia 22, 519-541.*
- Zilhão, J., Trinkaus, E. (2002) Historical implications. In (J. Zilhão, E. Trinkaus, Eds. *Portrait of the Artist as a Child. The Gravettian Human Skeleton from the Abrigo do Lagar Velho and its Archeological Context. Trabalhos de Arqueologia 22, 542-558.*
- Trinkaus, E. (1989) Issues concerning human emergence in the later Pleistocene. In: E. Trinkaus (ed.), *The Emergence of Modern Humans: Biocultural Adaptations in the Later Pleistocene*. Cambridge UK: Cambridge University Press. pp. 1-17.‡
- Trinkaus, E. (1989) The Upper Pleistocene transition. In: E. Trinkaus (ed.), *The Emergence of Modern Humans: Biocultural Adaptations in the Later Pleistocene*. Cambridge UK: Cambridge University Press. pp. 42-66.‡
- Trinkaus, E. (1988) The evolutionary origins of the Neandertals, or, Why were there Neandertals? In: E. Trinkaus (ed.), *L'Homme de Néandertal 3: L'Anatomie. Études et Recherches Archéologiques de l'Université de Liège*. 30, 11-29.‡
- Trinkaus, E. (1983) Neandertal postcrania and the adaptive shift to modern humans. In: E. Trinkaus (ed.), *The Mousterian Legacy: Human Biocultural Change in the Upper Pleistocene*. Oxford: British Archaeological Reports. S164, 165-200.

RESEARCH PROJECTS: Fellowships & Grants

Extramural Research Grants

2018-20 Fundação para a Ciência e Tecnologia (Portugal) #02/SAICT/2017 (co-PI; PI: J.

- Zilhão).
- 2009-12 Fundação para a Ciência e Tecnologia (Portugal) # PTDC/HIS-ARQ/098164/2008 (co-PI; PI: J. Zilhão).
- 2005-06 National Science Foundation #BCS-0509072 (co-PIs: A. Soficaru, A. Doboş).
- 2005-06 Wenner-Gren Foundation for Anthropological Research #7290 (co-PIs: A. Soficaru, A. Doboş).
- 2004-06 National Science Foundation #BCS-0409194 (co-PIs: O. Moldovan, J. Zilhão, H. Rougier).
- 2004-05 Leakey Foundation (co-PIs: O. Moldovan, J. Zilhão, H. Rougier).
- 2004-06 Wenner-Gren Foundation for Anthropological Research #7111 (PI: O. Moldovan, co-PIs: H. Rougier, E. Trinkaus, J. Zilhão).
- 2000-02 Wenner-Gren Foundation for Anthropological Research #6637 (co-PIs: J. Brůžek, C. Duarte, S.W. Hillson, T.W. Holliday, C.B. Ruff, F. Spoor, J. Zilhão, C.P.E. Zollikofer)
- 2000-02 Leakey Foundation (co-PIs: J. Brůžek, C. Duarte, S.W. Hillson, T.W. Holliday, C.B. Ruff, F. Spoor, J. Zilhão, C.P.E. Zollikofer)
- 1998-99 L.S.B. Leakey Foundation (co-PIs: P.B. Pettitt, F.H. Smith).
- 1998-99 Wenner-Gren Foundation for Anthropological Research #ICRG-14 Supplement (co-PIs: P.B. Pettitt, F.H. Smith)
- 1996-99 Wenner-Gren Foundation for Anthropological Research #ICRG-14 (joint-PI: J. Svoboda)
- 1994-96 National Science Foundation #SBR-9318702.
- 1993-96 Grant Agency of the Czech Republic (joint-PI: J. Svoboda).
- 1993-94 Interdisciplinary Research Fund, Natural History Museum (London). (co-PI; PI: C.B. Stringer, co-PI: S.E. Churchill).
- 1986 L.S.B. Leakey Foundation.
- 1984-85 L.S.B. Leakey Foundation.
- 1981 L.S.B. Leakey Foundation.
- 1980 National Science Foundation #BNS-8004578.
- 1977-79 National Science Foundation #BNS76-14344 A01.
- 1976-77 National Science Foundation #BNS76-14344.
- 1973-74 Wenner-Gren Foundation for Anthropological Research #2979.

Intramural Research Fellowships

- 1996-1997 Regents' Professorship, College of Arts & Sciences, University of New Mexico.
- 1996 College of Arts & Sciences Research Semester, University of New Mexico.
- 1992-1993 Snead-Wertheim Fellowship for History and Anthropology, University of New Mexico.

Extramural Doctoral Dissertation Grants

- 2013-14 Leakey Foundation (for J.C. Willman)
- 2011-12 Leakey Foundation (for S.A. Lacy)
- 2008-10 National Science Foundation BCS-0752134 (for B.C. Maley)
- 2006-07 Wenner-Gren Foundation for Anthropological Research 7447 (for L.W. Cowgill)
- 2006-07 National Science Foundation BCS-0549925 (for L.W. Cowgill)

2005-06	L.S.B. Leakey Foundation (for L.W. Cowgill)
2003-04	National Science Foundation BCS-0314002 (for L.L. Shackelford)
2003	American Museum of Natural History (for L.L. Shackelford)
2000-02	National Science Foundation BCS-0004193 (for S. Athreya)
2000-01	Wenner-Gren Foundation for Anthropological Research (for S. Athreya)
1999-00	L.S.B. Leakey Foundation (for A.H. Weaver)
1999-00	Wenner-Gren Foundation for Anthropological Research (for A.H. Weaver)
1997-98	National Science Foundation SBR-9712593 (for W.A. Nieweohner)
1996-98	L.S.B. Leakey Foundation (for W.A. Nieweohner)
1994-95	National Science Foundation SBR-9321339 (for T.W. Holliday)
1994-95	L.S.B. Leakey Foundation (for T.W. Holliday)
1994	L.S.B. Leakey Foundation (for R.G. Franciscus)
1993-94	National Science Foundation SBR-9312567 (for R.G. Franciscus)
1992-93	L.S.B. Leakey Foundation (for S.E. Churchill)
1992-93	National Science Foundation BNS-9122068 (for S.E. Churchill)
1989-90	L.S.B. Leakey Foundation (for R.L. Tompkins)
1989-90	National Science Foundation BNS-8918011 (for R.L. Tompkins)
1978-79	National Science Foundation BNS-7819174 (for R.B. Potts)

Extramural Post-Doctoral Fellowships - Host

2006-08	Shang Hong (China), Wenner-Gren Foundation for Anthropological Research Professional Development Fellowship.
2006	Hélène Rougier (France), Fondation Fyssen.
2000-01	Vladimír Sládek (Czech Republic), NSF-NATO Post-Doctoral Fellowship.

PUBLICATIONS: Reviews, Notes, Etc.

Notes

- Trinkaus, E. (2020) In the dark about Neanderthals. *Seven Days* November 11: 2020. p.7.
- Trinkaus, E. (2018) The labyrinth of human variation. *Proceedings of the National Academy of Sciences USA*. 115(16): 3992-3994. doi.10.1073/pnas.1804794115.
- Daura, J., Sanz, M., Arsuaga, J.L., Quam, R., Hoffmann, D.L., Ortega, M.C., Santos, E., Gómez, S., Rubio, A., Villaescusa, L., Souto, P., Rodrigues, F., Mauricio, J., Ferreira, A., Godinho, P., Trinkaus, E., Zilhão, J. (2017) O crânio humano acheulense do plistocénico médio da Gruta da Aroeira, in: *Arqueologia Em Portugal/2017—Estado Da Questão*. Lisbon: Actas II Congresso da Associação dos Arqueólogos Portugueses. pp. 295–302.
- Trinkaus, E. (2008) Les sépultures néandertaliennes de Shanidar. In: B. Vandermeersch, J.J. Cleyet-Merle, J. Jaubert, B. Maureille, A. Turq (eds). *Première Humanité: Gestes Funéraires des Néandertaliens*. Paris: Réunion des Musées Nationaux. p. 90.
- Trinkaus, E. (2007) Human evolution: Neandertal gene speaks out. *Current Biology* 17: R917-R919.†
- Trinkaus, E. (2000) What happened to all those Neanderthals? BBC Online - Apeman - Dig Deeper. http://www.bbc.co.uk/science/apeman/dig_deeper/article_1.shtml.
- Zilhão, J., Trinkaus, E. (1999) An early Upper Paleolithic burial from the Abrigo do Lagar Velho, Portugal. *Anthropologie (Brno)* 37: 98.

- Trinkaus, E. (1997) Amud Cave; Gesher-Benot-Ya'acov; Kebara, Mugharet el-; Kiik-Koba; Ksâr 'Akil; Mount Carmel; Jebel Qafzeh; Shanidar Cave; Mugharet es-Skhul; Mugharet et-Tabun; Teshik-Tash; 'Ubeidiya; Mugharet el-Zuttiyeh. In: F. Spencer (ed.), *History of Physical Anthropology: An Encyclopaedia*, New York: Garland Press 1, 74-75, 435, 558-560, 573, 590; 2, 694-695, 855-857, 925-927, 943-945, 1015-1016, 1032-1033, 1051, 1132-1133 .
- Trinkaus, E. (1996) The Neanderthals. In: B.M. Fagan, C. Beck, G. Michaels, C. Scarre, N.A. Silberman (eds.), *The Oxford Companion to Archaeology*. New York: Oxford University Press, pp. 489-491.
- Trinkaus, E. (1994) In focus: Erik Trinkaus. *Anthropology Newsletter* 35(4), 15-16.
- Trinkaus, E. (1992) Dating Our Ancestors (conference report). *Evolutionary Anthropology*. 1: 40-41.
- Trinkaus, E. (1992) The evolution of human manipulation. In: S. Jones, R.D. Martin, D. Pilbeam, S. Bunney (eds.), *Cambridge Encyclopaedia of the Human Evolution*. Cambridge UK: Cambridge University Press, pp.346-349.
- Trinkaus, E. (1991) The Evolution and Dispersal of Modern Humans in Asia (conference report). *Current Anthropology*. 32: 353-355.
- Trinkaus, E. (1991) Conference report: The University of Tokyo 1990 Symposium: "The Evolution and Dispersal of Modern Humans in Asia" November 14-17, 1990. *Bulletins et Mémoires de la Société d'Anthropologie de Paris* n.s.2: 227-230.
- Trinkaus, E. (1991) The Neandertals and the Charentian Mousterian (conference report). *Current Anthropology* 32: 188-189.
- Trinkaus, E. (1990) Action and Reaction: Neanderthal Women. *Discover*. 11(9), 8.
- Trinkaus, E. (1986) Introduction: Spy, les Néandertaliens et l'étude des origines de l'homme. In: A. Leguebe, D. Cahen (eds.), *Au Temps des Hommes de Spy: Nos Ancêtres, les Néandertaliens*. Bruxelles: Crédit Communal. p. 9.
- Trinkaus, E. (1986) School of American Research Advanced Seminar "The Origins of Modern Human Adaptations." *Anthro-Quest*. 35: 7-9.
- Trinkaus, E. (1984) On the affinities of the Forbes' Quarry (Gibraltar 1) cranium. *Current Anthropology*. 25, 687-688.

Book Reviews

- Trinkaus, E. (2007) Review of: *Neanderthal 1856-2006*, Edited by R.W. Schmitz. *Mitteilungen der Gesellschaft für Urgeschichte* 16: 129-132.
- Trinkaus, E. (2000) Review of: *Les Enfants Moustériens de Qafzeh. Interprétation Phylogénétique et Paléoaurologique*, by A. M. Tillier. *Paléorient* 25: 179-181.
- Trinkaus, E. (1990) Review of: *Functional Morphology of the Evolving Hand and Foot*, by O.J. Lewis. *Journal of Anthropological Research*. 46: 96-97.
- Trinkaus, E. (1987) Review of: *The Prehistory Wadi Kubbaniya 1: The Wadi Kubbaniya Skeleton: A Late Paleolithic Burial from Southern Egypt*, edited by F. Wendorf, R. Schild. *American Anthropologist*. 89, 1004.
- Trinkaus, E. (1987) Review of: *Guide to Fossil Man*, by M.H. Day. *Journal of Anthropological Research*. 43: 85-86.
- Trinkaus, E. (1985) Reply to K.A.R. Kennedy's review of *The Shanidar Neandertals*. *American Anthropologist*. 87, 664-665.

- Trinkaus, E. (1984) Review of: *New Interpretations of Ape and Human Ancestry*, edited by R.L. Ciochon, R.S. Corruccini. *Journal of Anthropological Research*. 40: 472-473.
- Trinkaus, E. (1983) Telling Tales, Review of: *Wildmen: Yeti, Sasquatch and the Neanderthal Enigma*, by M. Shackley. *Nature*. 304: 192-193.
- Trinkaus, E. (1983) Review of: *Les Processus de l'Hominisation*, edited by D. Ferembach. *American Journal of Physical Anthropology*. 60:, 415-417.
- Trinkaus, E. (1983) Review of: *Les Hommes Fossiles de La Ferrassie II: Les Squelettes Adultes (Squelettes des Membres)*, by J.L. Heim. *Annals of Human Biology*. 10: 593-595.

Comments and Replies

- Trinkaus, E. (2016) The normal distribution and human stature. *Significance* 13(5):46.
- Trinkaus, E. (2014) Comment on: T.W. Holliday, L.A. Gautney, L. Friedl, "Right for the wrong reasons: Reflections on modern human origins in the post-Neanderthal genome era." *Current Anthropology* 55: 712-713.
- Richards, M.P., Trinkaus, E. (2009) Response to Bocherens: "Freshwater reservoir radiocarbon correction of Peștera cu Oase 1." *Proceedings of the National Academy of Sciences USA Online* doi_10.1073/pnas.0910451106.
- Trinkaus, E., Richards, M.P. (2008) Reponse to Grandal and Fernández: "Hibernation can also cause high $\delta^{15}\text{N}$ values in cave bears." *Proceedings of the National Academy of Sciences USA Online* doi 10.1073/pnas.0801137105.
- Trinkaus, E. (2002) Comment on: V. Eswaran, "A diffusion wave out of Africa: The mechanism of the modern human revolution." *Current Anthropology* 43, 767-768.
- Zilhão, J., Trinkaus, E. (2001) Troubling the Neandertals: A Reply to Langbroek's "The trouble with Neandertals." *Archaeological Dialogues* 8, 135-142.
- Trinkaus, E., Ruff, C.B. (2000) Comment on: O.M. Pearson, "Activity, climate, and postcranial robusticity. Implications for modern human origins and scenarios of adaptive change." *Current Anthropology* 41, 598.
- Trinkaus, E., Zilhão, J. (1999) A Correction to the Commentary of Tattersall and Schwartz Concerning the Interpretation of the Lagar Velho 1 Child. Instituto Português de Arqueologia. http://www.ipa.min-cultura.pt/news/noticias/lapedo/lapedo_corrections.
- Trinkaus, E. (1999) Neandertal knees and ankles: A comment on Miller and Groves. *Journal of Biomechanics* 32, 163-164.
- Pearson, O.M., Churchill, S.E., Grine, F.E., Trinkaus, E., Holliday, T.W. (1998) Multivariate analyses of the hominid ulna from Klasies River Mouth. *Journal of Human Evolution* 34, 653-656.
- Trinkaus, E. (1995) Comment on: D.E. Lieberman, "Testing hypotheses about recent human evolution from skulls: Integrating morphology, function, development, and phylogeny." *Current Anthropology* 36, 185-186.
- Trinkaus, E. (1994) Femoral neck-shaft angles: Reply to Arensburg. *Journal of Human Evolution*. 27, 451-455.
- Trinkaus, E. (1993) Comment on: D.E. Lieberman, "The rise and fall of seasonal mobility among hunter-gatherers: The case of the southern Levant." *Current Anthropology* 34, 620-622.
- Trinkaus, E. (1992) Comment on: O. Bar-Yosef et al., "The Excavations in Kebara Cave, Mt. Carmel." *Current Anthropology*. 33, 541-542.
- Trinkaus, E. (1991) Reply to M. Bamshad, A. Comuzzie, "Of fossils, hominids and cladistics." *American Journal of Physical Anthropology*. 85, 355-356.

- Trinkaus, E. (1990) Comment on: "Symbolism and modern human origins," by J.M. Lindly, G.A. Clark. *Current Anthropology*. 31, 249-250.
- Ogilvie, M.D., Trinkaus, E. (1990) Reply to Neiburger: "Enamel hypoplasias: poor indicators of dietary stress." *American Journal of Physical Anthropology*. 82, 232-233.
- Trinkaus, E. (1989) Comment on: "Grave shortcomings: The evidence for Neandertal burial," by R.H. Gargett. *Current Anthropology*. 30, 183-184.
- Trinkaus, E. (1988) Comment on: "The functional significance of Neandertal pubic morphology," by K.R. Rosenberg. *Current Anthropology*. 29, 611-612.
- Trinkaus, E. (1987) Reply to D.L. Greene, L. Sibley: "Neandertal pubic morphology and gestation length revisited." *Current Anthropology*. 28, 91.
- Trinkaus, E. (1985) Reply to F. Ivanhoe: "On the Neandertal pubis and acromegaly". *Current Anthropology*. 26, 527-529.
- Trinkaus, E. (1984) Comment on: "Brain size, cranial morphology, climate and time machines," by K.L. Beals, C.L. Smith, S.M. Dodd. *Current Anthropology*. 25, 323.
- Trinkaus, E. (1984) Comment on: "The energetic paradox of human running and hominid evolution," by D.R. Carrier. *Current Anthropology*. 25, 491.
- Trinkaus, E. (1983) Reply to F. Ivanhoe: "On cranial deformation in Shanidar 1 and 5." *Current Anthropology*. 24, 127-128.
- Trinkaus, E. (1982) Comment on: "Upper Pleistocene hominid evolution in south-central Europe," by F.H. Smith. *Current Anthropology*. 23, 691-692.
- Trinkaus, E. (1976) Comment on: "Some aspects of the evolution of early hominid sexual dimorphism," by M.H. Wolpoff. *Current Anthropology*. 17, 600-601.

TEACHING AND ADVISEMENT

Ph.D. Advisement: Doctoral Committee Chair

- Willman, J.C. (2016) *The Non-Masticatory Use of the Anterior Teeth Among Late Pleistocene Humans*. Washington University (funding: Leakey Fdn.).
- Lacy, S.A. (2014) *Oral Health and its Implications in Late Pleistocene Western Eurasian Humans*. Washington University (funding: Leakey Fdn.).
- Maki, J.M. (2013) *The Biomechanics of Spear Throwing: An Analysis of the Effects of Anatomical Variation on Throwing Performance, with Implications for the Fossil Record*. Washington University.
- Maley, B.C. (2011) *Population Structure and Demographic History of Human Arctic Populations Using Quantitative Cranial Traits*. Washington University (funding: NSF).
- Cowgill, L.W. (2008) *The Ontogeny of Late Pleistocene Postcranial Robusticity*. Washington University (funding: NSF; Wenner-Gren Fdn., Leakey Fdn.).
- Shackelford, L.L. (2005) *Patterns of Geographic Variation in the Postcranial Robusticity of Late Upper Paleolithic Humans*. Washington University (funding: NSF; Am. Mus. Nat. Hist.).
- Athreya, S. (2003) *A Quantitative Assessment of Geographical and Temporal Variation in Middle Pleistocene Homo Frontal Bone Morphology using Fourier Analysis*. Washington University (funding: NSF, Wenner-Gren Fdn., Am. Assoc. Univ. Women).
- Weaver, A.G.H. (2001) *The Cerebellum and Cognitive Evolution in Pliocene and Pleistocene Hominids*. University of New Mexico.(funding: Leakey Fdn., Wenner-Gren Fdn.)
- Ogilvie, M.D. (2000) *A Biological Reconstruction of Mobility Patterns at the Foraging to Farming Transition in the American Southwest*. University of New Mexico.

- Niewoehner, W.A. (2000) *The Functional Anatomy of Late Pleistocene and Recent Human Carpometacarpal and Metacarpophalangeal Articulations*. University of New Mexico. (funding: NSF, Leakey Fdtn.)
- Hilton, C.E. (1997) *Comparative Locomotor Kinesiology in Two Contemporary Hominid Groups: Sedentary Americans and Mobile Venezuelan Foragers*. University of New Mexico.
- Holliday, T.W. (1995) *Body Size and Proportions in the Late Pleistocene Western Old World and the Origins of Modern Humans*. University of New Mexico. (funding: NSF, Leakey Fdtn.)
- Franciscus, R.G. (1995) *Nasal Morphology in the Western Old World Later Pleistocene and the Origins of Modern Humans*. University of New Mexico. (funding: NSF, Leakey Fdtn.)
- Churchill, S.E. (1994) *Human Upper Body Evolution in the Eurasian Later Pleistocene*. University of New Mexico. (funding: NSF, Leakey Fdtn.)
- Tompkins, R.L. (1991) *Dental Development in Upper Pleistocene Fossil Hominids and Recent Humans*. University of New Mexico. (funding: NSF, Leakey Fdtn.)
- Potts, R.B. (1982) *Lower Pleistocene Site Formation and Hominid Activities at Olduvai Gorge, Tanzania* (co-chair). Harvard University. (funding: NSF, Leakey Fdtn., Boise Fund)

Ph.D. Advisement: Doctoral Committee Foster Chair

- Joganic, J.L. (2016) *A Quantitative Genetic Analysis of Craniofacial Variation in Baboons*. Washington University (funding: NSF, PEO International).
- Ocobock, C. (2014) *Measuring and Predicting Total Energy Expenditure among Highly Active Humans in Natural Environments*. Washington University (funding: Leakey Fdtn.).
- Brock, S.L. (1985) *Biomechanical Adaptation in the Lower Limb Bones through Time in the Prehistoric Southwest*. University of New Mexico.

Ph.D. Advisement: Doctoral Committee Member

- 2018 Bullion, Elissa: Washington University
- 2018 Robakis, Efstathia: Washington University
- 2017 Becam, Gaël: Université de Perpignan Via Domitia
- 2013 Meyer, Valentine: Université de Bordeaux
- 2012 Warrenner, Anna: Washington University
- 2011 Puymeraill, Laurent: Muséum National d'Histoire Naturelle, Paris
- 2010 Arbor, Taflin (Crawford): Washington University
Anderson, John Y., University of New Mexico
- 2009 Dunn, Rachel: Washington University
- 2006 Crevecoeur, Isabelle: Université de Bordeaux 1
Verna, Christine: Université de Bordeaux 1
Adams, Justin: Washington University
- 2003 Rougier, Hélène: Université de Bordeaux 1
Vinyard, Patricia S.: Washington University
- 2002 Bailey, Shara E.: Arizona State University
- 2001 Lindsell, Patricia: University of New England (Australia)
- 2000 Stefan, Vincent H.: University of New Mexico
Sládek, Vladimir: Université de Bordeaux 1

- Krovitz, Gail E.: John Hopkins University
 1999 Holt, Brigitte: University of Missouri - Columbia
 1998 Ackermann, Rebecca R.: Washington University
 1997 Greaves, Rusty D.: University of New Mexico
 1995 Doleman, William A.: University of New Mexico
 1994 Backer, Anna: University of New Mexico
 1993 Hambücken, Anne: Université de Bordeaux I
 1992 Byers, Steven: University of New Mexico
 1991 Villemeur, Isabelle: Université de Bordeaux I
 Enloe, James G.: University of New Mexico
 Brennan, Mary Ursula: New York University
 1990 Stiner, Mary C.: Univ. of New Mexico
 Burgett, Galen R.: University of New Mexico
 Kuhn, Steven L.: University of New Mexico
 1987 Petraglia, Michael D.: University of New Mexico
 1986 Filler, Aaron: Harvard University
 1983 Todd, Lawrence C. Jr.: University of New Mexico
 1982 Birchette, Mark G.: Harvard University
 1978 Santa Luca, Albert P.: Harvard University
 1977 Brennan, Matthew J.: Harvard University

PROFESSIONAL ACTIVITIES

Editorships

- 2009-2011 Academic Editor, *Public Library of Science One*
 2007-2012 Associate Editor, *American Journal of Physical Anthropology*
 2004-07 Associate Editor, *Yearbook of Physical Anthropology*
 2003-10 Associate Editor, *Anthropological Science*
 2001-04 Associate Editor, *Journal of Human Evolution*
 1996-19 Advisory Panel: Texas A&M University Press Series in Anthropology
 1993-98 Editorial Review Panel: *Rivista di Antropologia*
 1991-2003 Editorial Consultant: *Anthropological Science* (Anthropological Society of Nippon).
 1991-02 Editorial Board: Prentice-Hall series - Advances in Human Evolution.
 1996-98 Associate Editor: *Journal of Human Evolution*
 1986-90 Associate Editor: *American Journal of Physical Anthropology*.
 1986-90 Editorial Board: *Human Evolution*.
 1986-89 Editorial Board: *Man*.
 1985-02 Editorial Review Panel: *Paléorient*.
 1983-00 Editorial Review Panel: *Bulletins et Mémoires de la Société d'Anthropologie de Paris*.

Professional Service

- 2001-04 Advisory Council, Wenner-Gren Foundation for Anthropological Research.
 1985-88 Member (elected): Executive Committee, American Association of Physical Anthropologists.
 1984-86 Member: Review Panel, Anthropology Program, National Science Foundation.

1983-84 Member: Scientific Grants Committee, Foundation for Research into the Origin of Man.

1982-84 Chair: Committee on Job Placement and Development, American Association of Physical Anthropologists

University Service

2007-14 Graduate Coordinator: Department of Anthropology, Washington University

2006 Acting Chair: Department of Anthropology, Washington University

1993-95 Chair: Department of Anthropology, University of New Mexico.

1992-93 University of New Mexico: Faculty Senate (elected).

1987-91 College of Arts and Sciences, University of New Mexico: Graduate Committee.

1989-90 College of Arts and Sciences, University of New Mexico: Senior Tenure and Promotion Committee.

1985-93 Department of Anthropology, University of New Mexico: Biological Anthropology Graduate Group Chair.

1987-90 University of New Mexico: Biomedical Research Support Grant review committee

1979-83 Department of Anthropology, Harvard University: Biological Anthropology Undergraduate Tutor.