

Curriculum Vitae

CHRISTIAN ALEXANDER TRYON

Professor, Department of Anthropology,
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EDUCATION

Ph.D. (with distinction), Anthropology, U. of Connecticut, Storrs, 2003.

M.A., Anthropology, U. of Connecticut, Storrs, 2000.

B.A. (Honors), Anthropology and English, *cum laude*, U. of Connecticut, Storrs, 1996.

POSITIONS HELD

- 2019-present Professor, Department of Anthropology, University of Connecticut.
- 2017-2019 John L. Loeb Associate Professor of the Social Sciences, Department of Anthropology, Harvard University.
- 2013-2017 Assistant Professor, Department of Anthropology, Harvard University.
- 2008-2013 Assistant Professor, Department of Anthropology, New York University.
- 2005-present Smithsonian Research Collaborator, Human Origins Program, Department of Anthropology, National Museum of Natural History, Smithsonian Institution.
- 2005-2007 Visiting Assistant Professor and Assistant Professorial Lecturer, Department of Anthropology, The George Washington University.
- 2004-2005 Smithsonian Postdoctoral Fellow, National Museum of Natural History, Smithsonian Institution.
- 2004 Fondation Fyssen Postdoctoral Fellow, Centre d'études Préhistoire, Antiquité et Moyen-Age (CEPAM), Centre National de la Recherche Scientifique (CNRS), Valbonne-Sophia Antipolis, France.
- 2002 Lecturer, Department of Anthropology, University of Connecticut.

RESEARCH INTERESTS

The archaeological, evolutionary, and geological context of early *Homo sapiens*, biogeography, human dispersals across and out of Africa, the Paleolithic/Stone Age archaeology of East Africa (Kenya and Tanzania) and the Mediterranean basin (France, Turkey, Israel, and Lebanon), stone tool technology and raw material provenance analysis, geochronology, geochemical analysis and correlation of volcanic ash deposits using an electron microprobe, natural and cultural formation processes of the archeological and paleontological record.

RESEARCH GRANTS

- 2018 Harvard University's Radcliffe Institute, **C.A. Tryon**, P.I., with Manuel Will (U. of Tübingen), co-P.I. (\$20,000), Accelerator Workshop: Comparative Analysis of Middle Stone Age Artefacts in Africa (CoMSAfrica).
- 2018 Harvard University's Radcliffe Institute, **C.A. Tryon**, P.I., with Laure Metz (Harvard University), co-P.I. (\$20,000), Exploratory Seminar: Archaeological evidence for early human dispersals around the Mediterranean basin.
- 2017 Harvard University's Research Enabling Grant, **C.A. Tryon**, P.I. (\$34,570).
- 2017 National Science Foundation, Archaeometry Program, Improved dating of archaeological materials with coordinated stable isotope studies (BCS-1727085), Warren Sharp (Berkeley Geochronology Center), P.I., **C.A. Tryon**, co-P.I. (\$199,496).

RESEARCH GRANTS CONTINUED

- 2017 L.S.B. Leakey Foundation, Nick Blegen, P.I., **C.A. Tryon**, co-P.I., Archaeology and modern human origins: Investigations of the Late Pleistocene Nyanza Rift, Kenya (\$23,574).
- 2016 Dean's Competitive Fund for Promising Scholarship, Harvard University Faculty of Arts and Sciences, Volcanic eruptions and the origins of modern humans in Africa, **C.A. Tryon**, P.I. (\$17,975).
- 2016 L.S.B. Leakey Foundation, Jason Lewis, P.I., Rhonda Quinn, co-P.I., **C.A. Tryon**, co-P.I., The Late Pleistocene/Holocene archaeological assemblages from Kisele II rockshelter, Kondoa District, northern Tanzania, and implications for understanding modern human origins (\$24,150).
- 2015 Harvard University's Research Enabling Grant, **C.A. Tryon**, P.I. (\$38,179).
- 2015 Harvard University's Radcliffe Institute, **C.A. Tryon**, P.I.: Exploratory seminar: The biogeography of modern human origins and dispersals (\$18,000).
- 2011 New York University's Research Challenge Fund, **C.A. Tryon**, P.I. Equatorial African evidence for human origins and dispersals (\$13,546).
- 2010 National Science Foundation, **C.A. Tryon**, P.I., Daniel Peppe, P.I.; David Fox, P.I. Collaborative Research: Quaternary Archaeology and Environments of Rusinga and Mfangano Islands, Kenya (BCS-1013199 NYU portion \$68,839 out of \$148,685).
- 2010 National Geographic Society, Committee for Research and Exploration, **C.A. Tryon**, P.I. Paleoanthropological survey of Pleistocene sediments on Rusinga and Mfangano islands, Kenya (8762-10, \$20,500).
- 2010 L.S.B. Leakey Foundation, **C.A. Tryon**, P.I., Pleistocene paleoanthropology of Rusinga and Mfangano Islands, Kenya (\$13,210).
- 2008 National Science Foundation, **C.A. Tryon**, P.I., K. McNulty, co-P.I. High Risk Research in Anthropology: Testing the archaeological potential of the Wasiriya Beds, Rusinga Island, Kenya (BCS-0841530; \$15,653).
- 2006 National Geographic Society, Committee for Research and Exploration. **C.A. Tryon**, P.I. Archaeological survey of ~235,000-117,000 year-old rift valley sediments near Silali, northern Kenya (\$20,000).
- 2001 National Science Foundation Doctoral Dissertation Improvement Grant. S. McBrearty, P.I., **C.A. Tryon**, co-P.I. Archaeology and tephrostratigraphy of the southern Kapthurin Formation, Baringo, Kenya (BCS-0118345; \$6,990).
- 2001 Wenner-Gren Foundation for Anthropological Research, Inc. Dissertation Fieldwork Grant. **C.A. Tryon** P.I. The Acheulian to Middle Stone Age transition of the southern Kapthurin Formation, Kenya (\$19,951).
- 2001 Bill Bishop Memorial Trust. **C.A. Tryon**, P.I. The Acheulian to Middle Stone Age transition of the southern Kapthurin Formation, Baringo, Kenya (£100).
- 2000 L.S.B. Leakey Foundation Dissertation Fieldwork Grant. **C.A. Tryon**, P.I. Archaeological and tephrostratigraphic survey in the southern Kapthurin Formation, Kenya (\$12,520).
- 1999 University of Connecticut Research Foundation Summer Fellowship. **C.A. Tryon**, P.I. Documenting Middle Pleistocene hominid behavioral variability in the Lake Baringo basin, Kenya: A tephrostratigraphic approach (\$1,000).

TEACHING GRANTS

- 2014 Harvard University, Graduate Seminar in General Education (\$15,000).

PUBLICATIONS

* Denotes student co-author; underlined name denotes post-doctoral advisee

PEER-REVIEWED JOURNAL ARTICLES

- In prep. Pearson, O.M.; Hill, E.C.; Peppe, D.J.; Blegen, N.; Faith, J.T.; **Tryon, C.A.** A Late Pleistocene human humerus from Rusinga Island, Lake Victoria, Kenya. For *Journal of Human Evolution*.
- In prep. Kovarovic, K.; Faith, J.T.; Jenkins, K.; **Tryon, C.A.**; Peppe, D.J. An alcelaphin *par excellence*: Postcranial ecomorphology of *Rusingoryx atopocranium* (Mammalia, Artiodactyla) from the Late Pleistocene of western Kenya. For *Palaeogeography, Palaeoclimatology, Palaeoecology*.
- In review *Niespolo, E.; Sharp, W.; Tryon, C.A.; Faith, J.T.; Lewis, J.; Ranhorn, K.; Mambelli, S.; Miller, M.; Dawson, T.E. Carbon, nitrogen, and oxygen isotopes of ostrich eggshells provide site-scale Pleistocene-Holocene paleoenvironmental records for eastern African archaeological sites. *Quaternary Science Reviews*.
- In review Frahm, E.; Tryon, C.A. Origin of an Early Upper Paleolithic obsidian burin at Ksar Akil (Lebanon): Evidence of increased connectivity ahead of the Levantine Aurignacian? *Journal of Archaeological Science: Reports*.
- In review Metz, L.; **Tryon, C.A.** Paleolithic weaponry at the turn of the Upper Paleolithic at Ksar Akil (Lebanon). *Journal of Human Evolution*.
- In revision Peppe, D.; Zaarur, S.; **Tryon, C.A.**; Jacobs, Z.; Faith, J.T.; Affek, H. Late Pleistocene expansion of Lake Victoria (East Africa): Implications for regional climate and the evolution of cichlid fish. *Geology*.
- In press **Tryon, C.A.** The Middle/Later Stone Age transition and cultural dynamics of Late Pleistocene East Africa. *Evolutionary Anthropology*.
- In press **Tryon, C.A.**; Metz, L. Archaeological evidence for human dispersals around the Mediterranean basin? *Evolutionary Anthropology*.
- 2019 Sharp, W.D.; **Tryon, C.A.**; *Niespolo, E.M.; Fylstra, N.D.; Tripathy-Lang, A.; Faith, J.T. ²³⁰U/Th burial dating of ostrich eggshell. *Quaternary Science Reviews* 219:263-276.
- 2019 Will, M.; **Tryon, C.A.**; *Shaw, M.; Scerri, E.; Ranhorn, K.; Pargeter, J.; *McNeil, J.; Mackay, A.; Leplongeon, A.; Groucutt, H.; Douze, K.; Brooks, A. Comparative analysis of Middle Stone Age artefacts in Africa. *Evolutionary Anthropology* 28:57-59.
- 2019 Ekshtain, R.; **Tryon, C.A.** Lithic raw material acquisition and use by early *Homo sapiens* at Skhul, Israel. *Journal of Human Evolution* 127: 149-170.
- 2018 Ranhorn, K.; **Tryon, C.A.** New Pleistocene radiocarbon dates from Nasera rockshelter, Tanzania. *Journal of African Archaeology* 16:211-222.
- 2018 Frahm, E.; **Tryon, C.A.** Origins of Epipaleolithic obsidian blades from Zarzi cave in the Zagros foothills of Iraq. *Journal of Archaeological Science: Reports* 21:472-485.
- 2018 Scerri, E.M.L.; Thomas, M.G.; Manica, A.; Gunz, P.; Stock, J.T.; Stringer, C.; Grove, M.; Groucutt, H.S.; Timmerman, A.; Rightmire, G.P.; d'Errico, F.; **Tryon, C.A.**; Drake, N.A.; Brooks, A.S.; Dennell, R.W.; Durbin, R.; Henn, B.M.; Lee-Thorp, J.; deMenocal, P.; Petraglia, M.D.; Thompson, J.C.; Scally, A.; Chikhi, L. Did our species evolve in subdivided populations across Africa, and why does it matter? *Trends in Ecology and Evolution* 33:582-594.
- 2018 **Tryon, C.A.**; Lewis, J.E.; Ranhorn, K.; Kwekason, A.; Eckhardt, C.; Laird, M.; Marean, C.W.; *Nivens, J.; Mabulla, A. Middle and Later Stone Age chronology of Kisese II rockshelter, Kondoa Rock-Art UNESCO World Heritage Center, Tanzania. *PLOS One* 13(2):e0192029.

PEER-REVIEWED JOURNAL ARTICLES CONTINUED

- 2018 Potts, R.; Behrensmeier, A.K.; Faith, J.T.; **Tryon, C.A.**; Brooks, A.S.; Yellen, J.; Deino, A.; Kinyanjui, R.; Clark, J.; Haradon, C.; Levin, N.E.; Meijer, H.J.M.; Veatch, E.G.; Owen, R.B.; Renaut, R. Environmental dynamics during the onset of the Middle Stone Age in eastern Africa. *Science* 360: 86-90.
- 2018 Frahm, E.; **Tryon, C.A.** Later Stone Age toolstone acquisition in the Central Rift Valley of Kenya: Portable XRF of Eburran obsidian artifacts from Leakey's excavations at Gamble's Cave II. *Journal of Archaeological Science: Reports* 18:475-486.
- 2017 Beverly, E.J.; Peppe, D.J.; Driese, S.G.; Blegen, N.; Faith, J.T.; **Tryon, C.A.**; Stinchcomb, G.E. Reconstruction of Late Pleistocene paleoenvironments using bulk geochemistry of paleosols from the Lake Victoria region. *Frontiers in Earth Science* 5:1-12.
- 2017 Blegen, N.; Faith, J.T.; *Mant-Melville, A.; Peppe, D.J.; **Tryon, C.A.** The Middle Stone Age after 50,000 years ago: New evidence from the Late Pleistocene sediments of the Eastern Lake Victoria Basin, Western Kenya. *Paleoanthropology* 2017:139-169.
- 2017 Lowe, D.J.; Pearce, N.J.G.; Kuehn, S.C.; **Tryon, C.A.**; Hayward, C. Correlating tephra and cryptotephra using compositional analyses and numerical and statistical methods: Review and evaluation. *Quaternary Science Reviews* 175:1-44.
- 2017 *Jenkins, K.E.; *Nightingale, S.; Faith, J.T.; Driese, S.G.; Peppe, D.J.; Michel, L.A.; McNulty, K.P.; **Tryon, C.A.** New excavations at Wakondo (Rusinga Island, Kenya): Middle Stone Age exploitation of a catastrophic death assemblage of the extinct bovid *Rusingoryx atopocranium*. *Journal of Human Evolution* 108:72-91.
- 2017 Frahm, E.; *Goldstein, S.T.; **Tryon, C.A.** Forager-fisher and pastoralist interactions along the Lake Victoria shores, Kenya: Perspectives from portable XRF of obsidian artifacts from Kansyore rock shelters. *Journal of Archaeological Science Reports* 11: 717-742.
- 2016 Blegen, N.; Brown, F.H.; Jicha, B.R.; Binetti, K.M.; Faith, J.T.; Ferraro, J.V.; Gathogo, P.; Richardson, J.L.; **Tryon, C.A.** The Menengai Tuff: A 36 ka widespread tephra and its chronological relevance to Late Pleistocene human evolution in Africa. *Quaternary Science Reviews* 152: 152-168.
- 2016 **Tryon, C.A.**; Faith, J.T. A demographic perspective on the East African Middle-to-Later Stone Age transition from Naseru rockshelter, Tanzania. *Philosophical Transactions of the Royal Society B* **371**: 20150238.
- 2016 **Tryon, C.A.**; Faith, J.T.; Peppe, D.J.; Beverly, E.J.; *Blegen, N.; *Blumenthal, S.; *Chritz, K.; Driese, S.; *Patterson, D.; Sharp, W. The Pleistocene prehistory of the Lake Victoria basin. *Quaternary International* 404 (part B): 100-114.
- 2016 Faith, J.T.; *Patterson, D.; *Blegen, N.; *O'Neill, C.J.; Marean, C.W.; Peppe, D.J.; **Tryon, C.A.** Size variation in *Tachyoryctes splendens* (Mammalia, Spalacidae) and its implications for late Quaternary temperature change in equatorial East Africa. *Quaternary Science Reviews* 140: 39-48.
- 2016 *O'Brien, H., Faith, *J.T., Jenkins, K., Peppe, D.J., Plummer, T., Jacobs, Z., Li, B., Johannes-Boyau, R., Price, G., Feng, X., **Tryon, C.A.** Unexpected convergent evolution of nasal domes between Pleistocene bovids and Cretaceous hadrosaur dinosaurs. *Current Biology* 26: 503-508.

PEER-REVIEWED JOURNAL ARTICLES CONTINUED

- 2015 **Tryon, C.A.** The Aurignacian viewed from Africa, in White R., Bourrillon R. (eds.) with the collaboration of Bon F., *Aurignacian Genius: Art, Technology and Society of the First Modern Humans in Europe*, Proceedings of the International Symposium, April 08-10 2013, New York University, *P@lethnology*, 7, 19-33.
- 2015 *Beverly, E.J.; Driese, S.G.; Peppe, *Arellano, L.N.; *Blegen, N.; Faith, J.T.; **Tryon, C.A.** Reconstruction of a semi-arid late Pleistocene paleocatena from the Lake Victoria region, Kenya. *Quaternary Research* 84: 368-381.
- 2015 **Tryon, C.A.**; Crevecoeur, I.; Faith, J.T.; Ekshtain, R.; *Nivens, J.; *Patterson, D.B.; Mbuu, E.; Spoor, F. Late Pleistocene age and archaeological context for the hominin calvaria from GvJm-22 (Lukenya Hill, Kenya). *Proceedings of the National Academy of Sciences USA* 112: 2682-2687.
- 2015 *Beverly, E.J.; Driese, S.G.; Peppe, D.; Johnson, C.R.; Michel, L.A.; Faith, J.T.; **Tryon, C.A.**; Sharp, W. Recurrent spring-fed rivers in a Middle to Late Pleistocene semi-arid grassland: Implications for environments of early humans in the Lake Victoria basin, Kenya. *Sedimentology* 62: 1611-1635.
- 2015 *Blegen, N.; **Tryon, C.A.**; Faith, J.T.; Peppe, D.J.; *Beverly, E.J.; Li, B.; Jacobs, Z. Distal tephras of the eastern Lake Victoria basin, Equatorial East Africa: Correlations, chronology and a context for early modern humans. *Quaternary Science Reviews* 122: 89-111.
- 2015 Faith, J.T.; **Tryon, C.A.**; Peppe, D.J.; *Beverly, E.J.; *Blegen, N.; *Blumenthal, S.; *Chritz, K.L.; Driese, S.G.; *Patterson, D. The Middle Stone Age archaeological and paleoenvironmental record from Karungu, Lake Victoria basin, Kenya. *Journal of Human Evolution* 83: 28-45.
- 2015 *Garrett, N.J.; Fox, D.L.; McNulty, K.P.; **Tryon, C.A.**; Faith, J.T.; Peppe, D.J.; *Van Plantinga, A. Stable isotope paleoecology of Late Pleistocene Middle Stone Age humans from the Lake Victoria basin, equatorial Africa. *Journal of Human Evolution* 82: 1-14.
- 2014 **Tryon, C.A.**; Faith, J.T.; Peppe, D.J.; Keegan, W.F.; Keegan, K.; *Nightingale, S.; *Jenkins, K.; *Van Plantinga, A.; Driese, S.; Roure Johnson, C.; Beverly, E.J. Sites on the landscape: Paleoenvironmental reconstruction of late Pleistocene archaeological sites from the Lake Victoria Basin, Equatorial Africa. *Quaternary International* 331:20-30.
- 2014 Faith, J.T.; **Tryon, C.A.**; Peppe, D.J.; *Beverly, E.J.; *Blegen, N. Biogeographic and evolutionary implications of an extinct late Pleistocene impala from the Lake Victoria Basin, Kenya. *Journal of Mammalian Evolution* 21:213-222.
- 2013 **Tryon, C.A.** and Faith, J.T. Variability in the Middle Stone Age of Eastern Africa. *Current Anthropology* 54: S234-S254.
- 2013 Faith, J.T.; **Tryon, C.A.**; Peppe, D.J.; Fox, D.L. The fossil history of Grevy's zebra (*Equus grevyi*) in Equatorial East Africa. *Journal of Biogeography* 40: 359-369.
- 2013 **Tryon, C.A.**; Bailey, S. Testing models of modern human origins with archaeology and anatomy. *Nature Education Knowledge* 4(3):4.
- 2012 *Blome, M.W.; Cohen, A.S.; **Tryon, C.A.**; Brooks, A.S.; Russell, J. The environmental context for the origins of modern human diversity: A synthesis of regional variability in African climate 150,000-30,000 years ago. *Journal of Human Evolution* 62: 563-592.
- 2012 **Tryon, C.A.**; Peppe, D.J.; Faith, J.T.; *Van Plantinga, A.; *Nightingale, S.; Ogondu, J.A.; Fox, D.L. Middle Stone Age artifacts and associated fauna from Rusinga and Mfangano islands, Lake Victoria, Kenya. *Azania: Archaeological Research in Africa* 47: 14-38.

PEER-REVIEWED JOURNAL ARTICLES CONTINUED

- 2011 **Tryon, C.A.** & Potts, R. Approaches for Understanding Flake Production in the African Acheulean. In (G. Tostevin, Ed.) Special Issue: Reduction Sequence, Chaîne Opératoire, and Other Methods: The Epistemologies of Different Approaches to Lithic Analysis. *PaleoAnthropology* 2011: 376-389.
- 2011 **Tryon, C.A.**; Kuhn, S.L.; Slimak, L.; Logan, M.A.V. Scale in tephrostratigraphic correlation: An example from Turkish Pleistocene archaeological sites. *Quaternary International* 246: 124-133.
- 2011 Faith, J.T.; Choiniere, J.N.; **Tryon, C.A.**; Peppe, D.J.; Fox, D.L. Taxonomic status and paleoecology of *Rusingoryx atopocranium* (Mammalia, Artiodactyla), an extinct Pleistocene bovid from Rusinga Island, Kenya. *Quaternary Research* 75: 697-707.
- 2010 **Tryon, C.A.**; Faith, J.T.; Peppe, D.J.; Fox, D.L.; *Holt, K.; Dunsworth, H.; Harcourt-Smith, W. The Pleistocene Archaeology and Environments of the Wasiriya Beds, Rusinga Island, Kenya. *Journal of Human Evolution* 59: 657-671.
- 2010 **Tryon, C.A.**; Pobiner, B.; *Kauffman, R. Archaeology and human evolution. *Evolution: Education and Outreach* 3: 377-386.
- 2010 **Tryon, C.A.** Alternative explanations for early hominin non-utilitarian behavior at Wonderwerk Cave, South Africa. *Journal of Taphonomy* 8: 235-242.
- 2009 **Tryon, C.A.**; Logan, M.A.V.; Mouralis, D.; Kuhn, S.L.; Slimak, L.; Balkan-Atli, N. Building a tephrostratigraphic framework for the Paleolithic of Central Anatolia, Turkey. *Journal of Archaeological Science* 36: 637-652.
- 2008 **Tryon, C.A.**; *Roach, N.T.; Logan, M.A.V. The Middle Stone Age of the northern Kenyan Rift: Age and context of new archaeological sites from the Kapedo Tuffs. *Journal of Human Evolution* 55: 652-664.
- 2006 **Tryon, C.A.** 'Early' Middle Stone Age lithic technology of the Kapthurin Formation (Kenya). *Current Anthropology* 47: 367-375.
- 2006 **Tryon, C.A.** & McBrearty, S. Tephrostratigraphy of the Bedded Tuff Member (Kapthurin Formation, Kenya) and the nature of archaeological change in the later Middle Pleistocene. *Quaternary Research* 65:492-507.
- 2006 **Tryon, C.A.** Investigating the destructive potential of earthworms for the archaeobotanical record. *Journal of Field Archaeology* 31:199-202.
- 2005 **Tryon, C.A.**, McBrearty, S. & Texier, P.-J. Levallois lithic technology from the Kapthurin Formation, Kenya: Acheulian origin and Middle Stone Age diversity. *African Archaeological Review* 22:199-229.
- 2005 **Tryon, C.A.** Le concept Levallois en Afrique. *Annales Fyssen* 20:132-145.
- 2002 **Tryon, C.A.** & McBrearty, S. Tephrostratigraphy and the Acheulian to Middle Stone Age transition in the Kapthurin Formation, Kenya. *Journal of Human Evolution* 42:211-235.

CHAPTERS IN EDITED VOLUMES

- In press **Tryon, C.A.**; Ranhorn, K. Raw material and regionalization in Stone Age East Africa. In (H. Groucutt, Ed.) *Culture History and Convergent Evolution: Can We Detect Populations in Prehistory?*. New York: Springer.
- 2019 Will, M.; Conard, N.J.; **Tryon, C.A.** Timing and trajectory of cultural evolution on the African continent during 200,000-30,000 years ago. In (H. Reyes-Centeno, C. Bentz, Y. Sahle, eds.) *Modern Human Origins and Dispersal*. Tübingen: Kerns-Verlag, pp. 25-72.
- 2019 **Tryon, C.A.**; Ranhorn, K.; Lewis, J.E. The 1956 excavations at Kiseso II and Later Stone Age origins in East Africa. In (H. Reyes-Centeno, C. Bentz, Y. Sahle, eds.) *Modern Human Origins and Dispersal*. Tübingen: Kerns-Verlag, pp. 215-238.

CHAPTERS IN EDITED VOLUMES CONTINUED

- 2016 Faith, J.T., **Tryon, C.A.**, Peppe, D.J. Environmental change, ungulate biogeography, and their implications for early human dispersals in equatorial East Africa. In (S.C Jones and B.A. Stewart, eds.), *Africa from MIS 6-2: Population Dynamics and Paleoenvironments*. New York: Springer, pp. 233-246.
- 2013 **Tryon, C.A.** Studying African Stone Tools. In (P. Lane and P. Mitchell, eds.) *Handbook of African Archaeology*. Oxford: Oxford University Press, pp. 103-116.
- 2012 **Tryon, C.A.** Geology, stone technology, and early populations of humans in Africa. In (N. Sanz, ed.) *Human Origins Sites and the World Heritage Convention in Africa*. Paris: UNESCO, World Heritage Series 33, pp. 192-206.
- 2011 Watson, J., **Tryon, C.**, Vicéns, M. Faster and more accurate processing of samples for microtephrochronology. In (I. Turbanti-Memmi, Ed.) *Proceedings of the 37th International Symposium on Archaeometry, 12th – 16th May 2008, Siena, Italy*. Berlin: Springer-Verlag, pp.509-516.
- 2010 **Tryon, C.A.** How the geological record affects our reconstructions of Middle Stone Age settlement patterns: The case of alluvial fans in Baringo, Kenya. In (N. Conard & A. Delagnes, eds.) *Settlement Dynamics of the Middle Paleolithic & Middle Stone Age, Volume III*. Tübingen: Kerns Verlag, pp. 39-66.
- 2006 McBrearty, S. & **Tryon, C.A.** From Acheulian to Middle Stone Age in the Kapthurin Formation, Kenya. In (E. Hovers & S. Kuhn, eds) *Transitions before the Transition*. New York: Springer, pp. 257-277.
- 2003 Thorson, R.M. & **Tryon, C.A.** Bluff-top sand sheets in northeastern archaeology: A physical transport model and application to the Neville Site, Amoskeag Falls, New Hampshire. In (D.L. Cremeens & J. Hart, eds) *Geoarchaeology of Landscapes in the Glaciated Northeast*. Albany: NY State Museum Bulletin 497, pp.61-73.

BOOK REVIEWS

- 2016 **Tryon, C.A.** Review of *Khor Abu Anga and Magendholi, Stone Age Sites on the Sudanese Nile* by Roy L. Carlson. *Azania: Archaeological Research in Africa* 51: 407-409.
- 2008 **Tryon, C.A.** & Brooks, A.S. The latest on the first Africans. A review of *The First Africans* by L. Barham. *Before Farming* 2008/4.3.
- 2008 **Tryon, C.A.** Reinvestigating early human behavior at Olduvai Gorge. A review of “Deconstructing Olduvai: A Taphonomic Study of the Bed I Sites,” by Dominguez-Rodrigo et al. *Journal of Mammalian Evolution* 15: 303-305.
- 2005 **Tryon, C.A.** Review of *A Record in Stone: The Study of Australia’s Flaked Stone Artifacts*, by S. Holdaway & N. Stern. *Journal of African Archaeology* 3(1):163-164.

OTHER PUBLICATIONS

- 2012 **Tryon, C.A.** Acheulean. In McGraw-Hill Yearbook of Science and Technology. New York: McGraw Hill.
- 2011 **Tryon, C.A.** Comment on Shea, J. J. *Homo sapiens* is as *Homo sapiens* was: Behavioral variability vs. “behavioral modernity” in Paleolithic archaeology. *Current Anthropology* 52: 22-23.

OTHER PUBLICATIONS CONTINUED

- 2011 Wood, B. *Blackwell's Encyclopedia of Human Evolution*. Malden, MA: Blackwell Publishing. Associate editor and author for the following 123 entries: Olorgesailie, backed bladelet, biface, bone tool, chopper, digging stick, foliate point, point, spear, Iberomaurusian, Magosian, bifacially worked, bipolar percussion, quarry, unifacially worked, armature, hearth, lithic assemblage, winnowing, Chesowanja, Acheulian, handaxe, Movius Line, tool, Fauresmith, Pinnacle Point, Kapthurin Formation, Blombos Cave, Kapedo Tuffs, Matupi Cave, Enkapune ya Muto, Katanda, Aduma, Grotte des Pigeons, Apollo 11 Cave, Mumba Shelter, Wonderwerk Cave, Porc-Epic Cave, Klasies River, Kalambo Falls, Mumbwa Caves, Twin Rivers, Isimila, Gadeb, Gademotta, Kulkuletti, Melka Kunturé, Mugharet el 'Aliya, Rhafas Cave, Border Cave, Kabwe, Sidi Abderrahman, Thomas Quarry, Cave of Hearths, Elandsfontein, Early Stone Age, Middle Stone Age, Later Stone Age, Levallois, microlith, blade, core, striking platform, flake, knapping, bladelet, scraper, ground stone tool, retouch, platform, faceted platform, prepared core, backed, composite tool, quartz, obsidian, trachyte, chalcedony, chert, jasper, quartzite, rhyolite, flint, artifact, bifacial, unifacial, flake blade, hematite, specularite, pyroclastic, tephra, tuffaceous, feature, lithic, resharpening spall, refit, cleaver, lanceolate, obsidian hydration dating, tang, conchoidal fracture, Sangoan, assemblage, bipolar, industry, industrial complex, Aterian, Charentian, electron probe microanalysis, Isenya, mode, mode 1, mode 2, mode 3, mode 4, mode 5, percussion, débitage, palimpsest, hammer, manuport, eolith, Lupemban.
- 2002 **Tryon, C.A.** Middle Pleistocene sites from the "southern" Kapthurin Formation of Kenya. *Nyame Akuma* 57:6-13.
- 1999 **Tryon, C.A.** Lithic analysis. In (W.F. & K. Keegan, eds.) *Connecticut Archaeology*. Storrs, CT: Bibliophila Press, pp. 34-36.
- 1997 **Tryon, C.A.** & Philpotts, A.R. Possible sources of mylonite and hornfels débitage from the Cooper Site, Lyme, Connecticut. *Bulletin of the Archaeological Society of Connecticut* 60:3-12.

THESES

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- 2010 *Garrett, N.; McNulty, K.; Fox, D.; Peppe, D.; **Tryon, C.A.** Isotope paleoecology of the Pleistocene Wasiriya Beds of Rusinga Island, Kenya. Poster to be presented at the *Annual Meetings of the Society of Vertebrate Paleontology, Pittsburgh, PA.*
- 2010 **Tryon, C.A.**, *Faith, J.T.; Peppe, D. Late Quaternary mammals from Rusinga island, Kenya: Implications for environmental change and megafaunal extinctions. Paper to be presented at the *Annual Meetings of the Society of Vertebrate Paleontology, Pittsburgh, PA.*
- 2009 **Tryon, C.A.**; *Faith, J.T.; Peppe, D.J.; Fox, D.L.; McNulty, K.P.; Dunsworth, H.; Harcourt-Smith, W.; Manthi, F.K. Paleoenvironmental context for modern human origins in Equatorial Africa: Introducing the Pleistocene Wasiriya Beds of Rusinga Island (Kenya). *Geological Society of America Annual Meeting, Portland, OR.*
- 2009 Keegan, W.F.; **Tryon, C.A.** & Keegan, K.N. Euroamerican Place-Naming and King Phillip's War. *29th Annual Conference on New England Archaeology, Paxton, MA.*

PRESENTATIONS AT PROFESSIONAL MEETINGS CONTINUED

- 2009 **Tryon, C.A.**; Behrensmeyer, A.K.; Logan, M.A.V.; *Faith, J.T.; Keegan, W.F. & Potts, R. *Ad hoc* strategies of tool use by Middle Pleistocene hominins in Member 11', Olorgesailie Formation, Kenya. Paper presented at the Paleoanthropology Society Meetings, Chicago, IL.
- 2008 Brooks, A.S.; **Tryon, C.**; Yellen, J. Background to Out of Africa: Human behavioral responses to demographic stress during the MSA. Society of Africanist Archaeologists Meetings, Frankfurt, Germany.
- 2008 *Blome, M.W; Cohen, A.; **Tryon, C.**; Stone, J.R.; Russell, J.; Cox, M. & Brooks, A. A synthesis of African Paleoclimate 150-35 ka and possible implications for Middle Stone Age archaeology. Poster presented at the Annual Meeting of the Geological Society of America, Houston.
- 2008 Watson, J., **Tryon, C.**, Vicéns, M. A new method for faster and more accurate processing of samples for micro-tephrochronology. 37th International Symposium on Archaeometry, Siena, Italy.
- 2008 *Blome, M.; Cohen, A.; **Tryon, C.** A synthesis of African Paleoclimate 150-35 ka. GeoDaze 2008, 36th Annual Geoscience Symposium, University of Arizona, Tucson.
- 2008 **Tryon, C.**, Logan, A., Mouralis, D., Kuhn, S. & Slimak, L. Building a tephrochronological framework for the central Anatolian Paleolithic. Annual Meetings of the Paleoanthropology Society, Vancouver, Canada.
- 2006 Cohen, A.S.; Scholz, C.A.; Beuning, K.R.M.; Stone, J.; Johnson, T.C.; **Tryon, C.A.**; Brooks, A.S.; King, J.; Brown, E.T.; Ivory, S. Early Late-Pleistocene megadroughts in Africa and their ecological consequences for *Homo sapiens*. Annual Meetings of the Geological Society of America, Denver, CO.
- 2007 **Tryon, C.A.**, *Roach, N. & Logan, A. The archaeological potential of the northern Kenya Rift Valley: New Middle Stone Age sites from the Kapedo Beds. Poster presented at the annual meeting of the Paleoanthropology Society, Philadelphia, PA.
- Tryon, C.A.** & Potts, R. Approaches for understanding flake production in the African Acheulian. Paper presented at the Annual Meetings of the Society for American Archaeology, San Juan, Puerto Rico.
- 2006 *Haradon, C.M. & **Tryon, C.A.** Ecological context for the Acheulian to Middle Stone Age transition. Paper presented at the Annual Meetings of the Society for American Archaeology, San Juan, Puerto Rico.
- 2006 Brooks, A.S., Yellen, J. & **Tryon, C.A.** Landscape and subsistence strategies in the later Middle Stone Age of eastern and eastern/central Africa. Paper presented at the Annual Meetings of the Society for American Archaeology, San Juan, PR.
- 2005 **Tryon, C.A.**, McBrearty, S., & Texier, P.-J. Levallois lithic technology from the Kapthurin Formation, Kenya: Acheulian origin and Middle Stone Age diversity. Paper presented at the annual meeting of the Paleoanthropology Society, Milwaukee, WI.
- 2003 **Tryon, C.A.** & McBrearty, S. Technological change across the Acheulian-Middle Stone Age transition of the Kapthurin Formation, Kenya. Paper presented at the Paleoanthropology Society Meetings, Tempe, AZ.
- 2002 **Tryon, C.A.** & McBrearty, S. New Middle Stone Age sites from the southern Kapthurin Formation, Baringo, Kenya. Paper presented at the Soc. of Africanist Archaeologists Meetings, Tucson, AZ.
- 2001 McBrearty, S. Deino, A. & **Tryon, C.A.** Chronology of Middle Pleistocene events in the Kapthurin Formation, Baringo, Kenya. Paper presented at the Paleoanthropology Society Meetings, Kansas City, MO.

PRESENTATIONS AT PROFESSIONAL MEETINGS CONTINUED

- 2000 McBrearty, S. & **Tryon, C.A.** Resolving the Acheulian to Middle Stone Age transition through tephrostratigraphy in the Kapthurin Formation, Kenya. Paper presented at the Society of Africanist Archaeologists meetings, Cambridge, England.
- 2000 Thorson, R.M. & **Tryon, C.A.** Sand sheets in forested bluff-top settings; an archaeological model for the northeastern U.S. Presented at: Geoarchaeology of the Northeast symposium, NY Natural History Conference VI, Albany, NY.
- 1996 George, D.R. & **Tryon, C.A.** Lithic raw material procurement and use at the Late Woodland Period Cooper Site, Lyme, Connecticut. Paper presented at the Semi-Annual Meeting of the Archaeological Society of Connecticut and the Massachusetts Archaeological Society; Storrs, CT.
- 1996 **Tryon, C.A.** & Philpotts, A.R. Possible sources of mylonite and hornfels debitage from the Cooper Site, Lyme, Connecticut. Presented at the 36th Annual Meeting of the Northeastern Anthropological Association, Plymouth, NH.

INVITED LECTURES

- 2019 **Tryon, C.A.** Archives and archaeology. Yale University, Department of Anthropology.
- 2018 **Tryon, C.A.** Approaches for the study of the African origin, diversification, and dispersal of *Homo sapiens*. Anthropology Department, University of Connecticut.
- 2018 **Tryon, C.A.** Archival archaeology: How searching archives can drive current research on human origins. *Metadata Knowledge Series, MIT Libraries.*
- 2017 **Tryon, C.A.** Archaeology meets earth-science in modern human origins research in Africa. Earth and Planetary Sciences Department Colloquium Series, Harvard University.
- 2017 **Tryon, C.A.** The African Equatorial Great Lakes region and Late Pleistocene human dispersals. DFG Center for Advanced Studies, University of Tübingen, Germany.
- 2017 **Tryon, C.A.** Environmental and Archaeological Context for Modern Human Dispersals Across and Out of Africa. Paleoanthropology Seminar, National Museum of Natural History, Smithsonian Institution.
- 2016 **Tryon, C.A.** Invited discussant for Society for American Archaeology Annual Meetings session "Parting the Red Sea: Late Pleistocene Lithic Variability and Dispersals in the Horn of Africa and Arabia"
- 2015 **Tryon, C.A.;** Faith, J.T. The Middle to Later Stone Age transition. *Major Transitions in Human Evolution.* The Royal Society, London.
- 2014 **Tryon, C.A.;** Faith, J.T.; Peppe, D.J. Human dispersals along the African Rift Valley in the Late Quaternary. Plenary Session speaker, *Annual Meeting of the American Geophysical Union Program, Dec., San Francisco.*
- 2014 **Tryon, C.A.** "The archaeology and biogeography the rise and fall of Lake Victoria (Equatorial Africa)." Boston University.
- 2014 **Tryon, C.A.** Why don't we talk much about intra-African dispersals in the Late Pleistocene? The African Roots of Human Behavior, Leverhume Center for Human Evolutionary Studies, Cambridge University.
- 2014 **Tryon, C.A.** Volcanoes, climate change, and modern human migrations across Africa. Harvard Museum of Natural History.
- 2013 **Tryon, C.A.** The diversity of early modern humans in East Africa. Harvard Anthropology Day.

INVITED LECTURES CONTINUED

- 2013 **Tryon, C.A.** The Aurignacian viewed from Africa. Part of the three day conference *Aurignacian Genius: Art, Technology, and Society of the First Modern Humans in Europe*, April 8-10, New York University.
- 2013 **Tryon, C.A.** Pleistocene archaeology and environments of Equatorial Africa: Understanding the diversity and dispersal of early *Homo sapiens*. Harvard University, Harvard Archaeology Paleolithic Seminar Series.
- 2012 **Tryon, C.A.** The evolution of tropical lakes and the dispersal of modern humans out of Africa. Earth Sciences Department, Rutgers University.
- 2011 **Tryon, C.A.** Modern human origins in tropical Africa: A tale of archaeology, extinctions, and volcanoes. Scholars Lecture Series, October 20, New York University.
- 2010 **Tryon, C.A.** Pleistocene Archaeology and Biogeography of the Lake Victoria Basin, Equatorial Africa: Introducing the Wasiriya Beds of Rusinga Island, Kenya. Department of Anthropology, University of Connecticut.
- 2010 **Tryon, C.A.** Pleistocene Archaeology and Biogeography of Equatorial Africa: Introducing the Wasiriya Beds of Rusinga Island, Kenya. Department of Anthropology, Yale University.
- 2009 **Tryon, C.A.** Environmental change and human evolution within and out of Africa. Changing Times: Perspectives on Global Human Ecodynamics, Macaulay College, City University of New York.
- 2009 **Tryon, C.A.** Scale matters! Global vs. regional perspectives on 'modern' human origins. Paleobiology Seminar Meeting, Stony Brook University.
- 2009 **Tryon, C.A.** What can we learn about modern human origins from Pleistocene Africa and Anatolia? Answers from dried up lakes, volcanic eruptions, old stone tools, and the occasional aardvark. New York University Anthropology Undergraduate Student Association.
- 2008 **Tryon, C.A.** The archaeology of human evolution: New results from the Middle and Late Pleistocene of Kenya and Turkey. New York Consortium in Evolutionary Primatology (NYCEP).
- 2008 **Tryon, C.A.** Ancient rocks and modern humans: Geological and archaeological Investigations of hominin behavioral evolution in the Late-Middle Pleistocene. Department of Anthropology, New York University.
- 2008 **Tryon, C.A.** Volcanic ashes as chronological tools at archaeological sites. Program in Archaeological Sciences, University of Arizona, Tucson.
- 2007 **Tryon, C.A.** Archaeological and geological perspectives on the origin and spread of modern humans. Mineral Sciences Department, National Museum of Natural History, Smithsonian Institution.
- 2006 **Tryon, C.A.** Ancient rocks and modern humans: Geological and archaeological studies of Pleistocene hominin behavior in eastern Africa. Department of Anthropology, Stony Brook University.
- 2005 **Tryon, C. A.** What happened at the end of the Acheulian? New evidence using stone tools and volcanic ash from the Rift Valley of Kenya. Paleoanthropology Seminar Series, Human Origins Program, Smithsonian Institution.
- 1999 McBrearty, S. & **Tryon, C.A.** What happened at the end of the Acheulian? The view from East Africa. U. of Connecticut Dept. of Anthropology Colloquium Series.
- 1998 **Tryon, C.A.** Geological answers to archaeological questions: Stone tools and their sources in southern New England. Albert Morgan Archaeological Society; South Windsor, CT.

INVITED WORKSHOP PARTICIPATION

- 2018 Continental Scientific Drilling Coordination Office Science Planning Workshop sponsored by the US National Science Foundation: Scientific Drilling/Coring and Earth-Life System Evolution, June 5-6, Arlington, VA.
- 2017 Modern human origins and dispersal. November 3-6, DFG Center for Advanced Studies, University of Tübingen, Germany.
- 2016 Continental Scientific Drilling Coordination Office Science Planning Workshop sponsored by the US National Science Foundation: Scientific Drilling/Coring and Earth-Life System Evolution, November 13-14, Arlington, VA.
- 2016 *Human Evolution in Structured Populations*. University of Oxford, UK.
- 2016 *Parting the Red Sea: Late Pleistocene Lithic Variability and Dispersals in the Horn of Africa and Arabia*, April 3-7, Gainesville, FL.
- 2015 *The Biogeography of Modern Human Origins and Dispersals*. Harvard Radcliffe Institute, November 5-6.
- 2014 *The African Roots of Human Behavior*. Leverhume Center for Human Evolutionary Studies, Cambridge University, May 15-17.
- 2013 *Aurignacian Genius: Art, Technology, and Society of the First Modern Humans in Europe*. NYU, April 8-10.
- 2012 *Opportunities, Problems, and Future Directions in the Research on Middle Paleolithic Open-air Sites*, Tel Hai College, Israel, November 2012.
- 2012 *Alternative pathways to complexity: Evolutionary trajectories in the Middle Paleolithic and Middle Stone Age*. Wenner-Gren symposium, June 1-8, Stockholm, Sweden.
- 2011 *African human origin sites and the UNESCO World Heritage Convention*, National Museum of Ethiopia, 8-11 February 2011.
- 2009 *Darwin's Legacy: Early Human Evolution in Africa*. New York Consortium in Evolutionary Primatology, February 29-March 1, New York, New York.
- 2007 *National Academies of Sciences' Kavli Frontiers of Science Symposium*, November 8-10, Irvine, California.
- 2005 *Paleoclimates and Human Evolution: A workshop Integrating Drilling Research with Paleoanthropology and Other Geological Records*, November 17-20. Front Royal, VA. Sponsored by: NSF, the Smithsonian Institution, and DOESECC.
- 2005 *The Middle Stone Age of East Africa and Modern Human Origins*, July 16-25. Nairobi, Kenya and Addis Ababa, Ethiopia. Sponsored by: National Museums of Kenya, National Museums of Ethiopia, the Smithsonian Institution, Wenner-Gren, and NSF.
- 2003 *Ecole thématique: Experimentation et analyse technologique de la pierre taillée préhistorique* at CNRS, Valbonne-Sophia Antipolis, France, October 7-16. Directed by P.-J. Texier, P. Bodu, and J. Pelegrin.

PROFESSIONAL CONFERENCE SESSIONS AND WORKSHOPS ORGANIZED

- 2019 *Archaeological Evidence for Early Human Dispersals Around the Mediterranean Basin*. Harvard Radcliffe Institute, May 20-21, with Laure Metz.
- 2018 *Comparative Analysis of Middle Stone Age Artefacts in Africa (CoMSAfrica)*. Harvard Radcliffe Institute, November 4-5, with Manuel Will.
- 2017 *Reconstructing Pleistocene Paleoclimate via renewed drilling of Lake Victoria, Equatorial Africa*. Harvard University, August 8-9.
- 2015 *The Biogeography of Modern Human Origins and Dispersals*. Harvard Radcliffe Institute, November 5-6.
- 2015 *Human Population Dispersals during the Late Quaternary: Archaeological, Environmental, and Ecological Perspectives. AfQUA (The African Quaternary: Environments, Ecology, and Humans)*, with J. Tyler Faith.

PROFESSIONAL CONFERENCE SESSIONS AND WORKSHOPS ORGANIZED CONTINUED

2011 *Paleoclimate, terrestrial ecosystems, and human evolution in Africa from the Pleistocene to the Present*. Annual Meetings of the Geological Society of America (GSA), co-sponsored by Archaeological Geology Division and the Limnogeology Division, co-organized with Daniel Peppe (Baylor U.) and David Fox (U. Minnesota).

FIELD EXPERIENCE

Kenya

Lukenya Hill (2013-present): Direct archaeological and chronometric analyses of the GvJm-22 and GvJm-16 rockshelters.

Karungu (2011-present): Directed survey for artifacts, fossils, and tephra.

Waware Beds, Mfangano Island (2010-present): Directed survey for Middle Stone Age artifacts and fossils on this Lake Victoria island.

Wasiriya Beds, Rusinga Island (2009-present): Directed survey and excavated of fossil- and Middle Stone Age artifact-bearing sediments on the shores of Lake Victoria.

Kapedo Tuffs (2006-2008): Directed survey of Rift Valley sediments near Silali volcano, excavated Middle Stone Age sites and conducted geochemical analysis of volcanic ash deposits.

Olorgesailie (2004-present): Analysis of late Acheulian lithic assemblages from Member 11 and director of excavations in Member 14 at Olorgesailie Kenya. Project director: Richard Potts.

Kapthurin Formation (1997-present): Excavation, survey and tephrostratigraphic correlation in the Kapthurin Formation. Director: Sally McBrearty

Tanzania

Kisese II rockshelter (2014-present): Project co-director; reanalysis and dating of 1950s excavations by the Leakeys and R. Inskeep.

AWARDS

Top Reviewer for the Journal of Human Evolution (2008).
NYU Goddard Junior Faculty Fellowship (2011).
Clark Award, Harvard University, \$6,000 (2017).

PROFESSIONAL ACTIVITIES

Associate Editor, *Current Anthropology* (2019-present)
Associate Editor, *Journal of Human Evolution* (2009-2012).
Associate Editor, *Wiley-Blackwell's Encyclopedia of Human Evolution* (2010-2011).

Turkey

Kaletepe Deresi 3 (2006-present): Geochemical analysis of tephra from the only excavated Acheulian site in Anatolia. Project directors: Steve Kuhn (U. of Arizona) and Ludovic Slimak (CNRS).

France

L'abri de la Combette (1998): Excavation assistant at this Middle Paleolithic hunting stand in Vaucluse. Site director: Pierre-Jean Texier, CNRS (Valbonne).

Orgnac 3 (2011-present): Volcanic ash sampling and analysis from a Middle Pleistocene Lower-Middle Paleolithic site. Project directors: Ludovic Slimak (CNRS) and Jason Lewis (Stanford).

Grotte Mandrin (2017-present): Comparative analysis with Ksar Akil record. Fieldwork directed by Ludovic Slimak (CNRS) and Laure Metz (Harvard).

Northeastern U.S.

Excavation & analysis of mid-Holocene to 19th century sites for cultural resource management firms and the CT State Archaeologist (1994-1997, 2001-2003).

PROFESSIONAL ACTIVITIES CONTINUED

Wenner-Gren Foundation for Anthropological Research, Review panel member (2016-2018).
Review ~150 proposals for the only major four-field anthropology funding source.

Member of UISPP (International Union for Prehistoric and Protohistoric Sciences, CHISP, UNESCO) Committee 27 on Settlement Dynamics of the Middle Paleolithic and Middle Stone Age (2016-present)

Proposal and manuscript reviewer (with approximate counts of manuscripts or proposals in parentheses) for the US National Science Foundation (15), the Social Sciences and Humanities Research Council of Canada (1), National Research Foundation of South Africa (2), Agence National de la Recherche (France) (1), National Geographic Committee for Research and Exploration (14), the L.S.B. Leakey Foundation (16), *Science* (2), *PLOS One* (1), the *Journal of Human Evolution* (30), *Journal of Archaeological Science* (1), *Current Anthropology* (2), *Evolutionary Anthropology* (1), *The Journal of Anthropological Archaeology* (1), *Antiquity* (1), *American Antiquity* (1), *Azania: Journal of the British Institute in East Africa* (2), *Before Farming: The Archaeology and Anthropology of Hunter-gatherers* (1), the *Journal of African Archaeology* (1), *Journal of Field Archaeology* (1), *PaleoAnthropology* (3), *Quaternary International* (5), *Quaternary Research* (3), *The International Journal of Evolutionary Biology* (1), Springer Press (1), Blackwell Scientific Press (1), *Journal of Archaeological Method and Theory* (1), *World Archaeology* (1), *Journal of Archaeological and Anthropological Science*, *Journal of Archaeological Science Reports* (1), *African Archaeological Review* (2), *Journal of Quaternary Science* (2).

Scientific consultant: *Discover* magazine (2010, 2017).

Tenure evaluation external committee member, Archaeology Department, Tel Aviv University (June, 2012).

PUBLIC OUTREACH

Guest on *Science Fridays* radio program/podcast on February 23, 2018:
<https://www.sciencefriday.com/segments/were-neanderthals-artists/>

"What is archaeology?" A presentation to junior kindergarteners at Peabody Elementary School, Cambridge, MA. June 13, 2017.

"Why were early humans successful and other hominins not?" *Science by the Pint* – Harvard University's *Science in the News*, Aeronaut Brewery, Somerville, MA, April 2016.

All-day curriculum development workshop in human evolution for Brookline, MA, 7th grade teachers, April 2016.

Fire and human evolution. Radio broadcast on the Colin McEnroe show, NPR, January 2015.

What's a stone tool got to do with Neanderthal extinction? Neanderthal Institute for Sixth Graders, American Museum of Natural History, August 2012.

ADVISING**As postdoctoral advisor**

- 2017 Kathryn Ranhorn (2017 Ph.D., the George Washington University). The prehistory of Kisesse II rockshelter, Tanzania.
- 2016 Max Price (2015 Ph.D., Harvard University). The history of the American School for Prehistoric Research and its Paleolithic collections at the Peabody.
- 2016-2017 Laure Metz (2015 Ph.D., Université d'Aix-Marseille, Fyssen Foundation fellow). Evidence for early projectiles at Ksar 'Akil, Lebanon.
- 2015-2017 Nick Blegen (2015 Ph.D., University of Connecticut). East African Middle Stone Age archaeology and chronology.
- 2014-2015 Ravid Ekshtain (2015 Ph.D., Hebrew University of Jerusalem, Fulbright scholar). Earliest modern humans out of Africa: The archaeology of Skhul, Israel.

As Ph.D thesis primary advisor

- In progress Matthew Magnani, *The Ethnoarchaeology of the shift to food production among Okiek hunter-gatherers and Maasai pastoralists in southern Kenya*, **Harvard University**.
- In progress Jessica McNeil, *Lithic technology and modern human origins in Africa*, **Harvard University**.

As Ph.D thesis committee member

- In progress Elena Skosey-Lalonde, *Geoarchaeological approaches to the Late Pleistocene of eastern Africa*, **University of Connecticut**.
- In progress Elena Robakiewicz, *Pleistocene African climate change inferred from lake core analyses*, **University of Connecticut**.
- In progress Breanne Clifton, *Reconstructing Pleistocene vegetation in East Africa*, **University of Connecticut**.
- In progress Travis Rohrer, *Middle Pleistocene East African Archaeology*, **University of Connecticut**.
- In progress Alison Mant-Melville, *Structure and Variability in East African Middle Stone Age technology*, **University of Connecticut**.
- In progress Joelle Nivens, *Early Aurignacian colorant exploitation in the Vézère Valley: A comparison between sites and across crafts*, **New York University**.
- In progress Sheila Nightingale, *The Middle Stone Age of Malawi*, **City University of New York**.
- 2017 Kathryn Ranhorn, *Organizational approaches to the East African Middle Stone Age*, **George Washington University**.
- 2017 John O'Hara *Accessing Social Geographies in Late Glacial Franco-Cantabria through Personal Ornaments*, **New York University**.
- 2016 Bridget Alex, *Establishing contexts of encounters: Radiocarbon dating of archaeological assemblages with implications for Neanderthal-modern human interactions*, **Harvard University**.
- 2016 Philip Slater, *Tracing changes in lithic technological organization: the evolution of planning in early modern humans during the late Quaternary in East Africa*, **University of Illinois**.
- 2015 Bastien Varoutsikos, *The Mesolithic-Neolithic Transition in the South Caucasus: Cultural Transmission and Technology Transfer*, **Harvard University**.
- 2015 Nick Blegen, *The Middle Stone Age on the Margins*, **University of Connecticut**.

As Ph.D thesis committee member, continued

- 2015 Matthew Spigelman, *Red-on-Black Style Ceramics: Production and Trade in Bronze Age Cyprus*, **New York University**.
- 2015 Claire Heckel, *Production Organization in the Early Upper Paleolithic: Ivory tools and ornaments of the French Aurignacian*, **New York University**.
- 2009 James W. Boyle, *The Production and Use of Bone and Antler Dress Pins in Early Medieval Ireland, c. AD 400 – 800*, **New York University**.

As Ph.D. thesis external reviewer

- 2015 Ariel Malinsky-Buller, *The Lower to Middle Paleolithic Transition: Regional and Global Perspectives*, **Hebrew University of Jerusalem**.
- 2012 Katja Douze, *Le Early Middle Stone Age d’Ethiopie et les mutations techno-économiques à la période d’émergence des premiers Homo sapiens*, **Universite de Bordeaux 1**.

As M.A./M.Sc. thesis committee member

- 2011 Alexander A. Van Plantinga *Geology of the Late Pleistocene artifact-bearing Wasirya Beds at the Nyamita Locality, Rusinga Island, Kenya*, **Baylor University**.
- 2011 Victoria Dominguez, *The utility of osteon shape and circularity for differentiating human and non-human Haversian bone*, **New York University**.
- 2007 Erin-Marie Williams, *Wrist-control, knapping, and human evolution*, **George Washington University**.

As M.A./M.Sc. thesis external reviewer

- 2016 Nadav Nir, *Bones and formation processes in the Middle Paleolithic open-air site of Ein Qashish*. The Hebrew University of Jerusalem.

As undergraduate honors thesis committee member

- 2014 Emily Lowe, *From Sunda to Sahul: Implications of Sea Level Changes for Human Dispersal across Wallacea*, **Harvard University**.
- 2014 Marta Stevanovic, *The Reciprocal Relationship between Microbially-Rich Soil Environments and Bone and Plant Remains*, **Harvard University**.
- 2011 Jesse Wolfhagen, *Teaching Old Data New Tricks: Reintegrating Curated Zooarchaeological Material from the Western Swiss Lakes into Modern Academic Discussion*, **New York University**.
- 2010 Nicole Squyres, *The Relationship Between Clavicle Length and Body Dimensions in Two Samples of Modern Humans*, **New York University**.
- 2009 Sarah Pilliard, *Rethinking Cattle: A Comprehensive Archaeological Analysis of North and East Africa*, **New York University**.

UNIVERSITY SERVICE (HARVARD UNIVERSITY)

Member, Graduate Merit/Term Time Committee, evaluating 64 applications, Spring, 2018.

Member, Archaeology Undergraduate Curriculum Committee. 2017-2018.

Member, Search Committee, Thai Studies in Anthropology. 2017.

Member, Hoopes Committee for best undergraduate honors thesis. 2017 and 2018.

Faculty participant in discussions about navigating research abroad through Harvard, organized by the Vice-Provost for International Affairs and Global Support Services, December 6, 2016.

Faculty participant in discussion for postdocs on the job market organized by the FAS Office for Postdoctoral Affairs, December 7, 2016.

Faculty coordinator for Archaeology Multi-User Laboratory and Project Room, 2015-2016.

Organizer for weekly/bi-weekly talk series in Archaeology, 2014-2015, 2015-2016.

Member, Standing Committee on African Studies, 2014-2015.

Member, GSAS Committee on Merit/Term Time Research Fellowships, 2014

Member, Department of Anthropology College Fellow Search Committee, 2014

Professors and Pastries, Spring, 2014

UNIVERSITY SERVICE (NEW YORK UNIVERSITY)

Undergraduate Curriculum Committee, 2013.

Library Liaison for the College of Arts and Sciences, 2011-2013.

Judge, CAS Undergraduate Research Conference, 2013

Reviewer for: (1) Social Science Committee for the Director of Undergraduate Research Fellowship (DURF; >30 applications), Fall 2010, Spring 2011, (2) NYU Graduate School of Arts and Sciences predissertation fellowship applications, Department of Anthropology, 2009-2010.

NYU Anthropology Department departmental nomination selection committee: 2009-2011

Admissions committee member (2009-2011) for MA program in Human Skeletal Biology, and MA committee member for Nicholas Holowka, Allison Sharplin, Daniel O'Shea, Kate McCormick, Julia Chmaj, Maria Darr, Alison Miller, Michala Stock, Evan Bird, Molly Miranker.

Borgman Prize (best undergraduate thesis) committee member (2009), NYU Anthropology.

Undergraduate Studies Committee member (2009-2011), NYU Department of Anthropology.

Organizer, 2009-2010 and 2010-2011 six-part CSHO lecture series.

PROFESSIONAL ORGANIZATION MEMBERSHIP

Paleoanthropology Society, Society of American Archaeology, Society of Africanist Archaeologists, Geological Society of America, British Institute of East Africa, Massachusetts Archaeological Society, Massachusetts Geological Society, Sigma Xi.

MEDIA COVERAGE

- 2018 Scientific American, commentary on early Levallois technology in India, <https://www.scientificamerican.com/article/stone-tools-from-india-fan-debate-over-origins-of-cultural-complexity/>
- 2017 Stone cold science. Discover, November 2017 issue, pp. 64-68.
- 2017 Scientific American and Christian Science Monitor, commentary on earliest fossil Homo sapiens from Jebel Irhoud, Morocco, <https://www.scientificamerican.com/article/ancient-fossils-from-morocco-mess-up-modern-human-origins/> and <http://www.csmonitor.com/Science/2017/0608/Just-how-Earth-shattering-are-those-300-000-year-old-Homo-sapiens-fossils>
- 2016 Harvard Gazette: <http://news.harvard.edu/gazette/story/2016/12/harvard-students-meet-the-stone-age/>
- 2016 Harvard Gazette: <http://news.harvard.edu/gazette/story/2016/07/rusingoryx-dinosaur-skull/>
- 2015 Livescience, Stone Age Skull Reveals Astonishing Human Diversity <http://www.livescience.com/49875-stone-age-skull-found.html>
- 2014 Science Now, Christian Science Monitor, Nature, comment on 'early Levallois technology of the southern Caucasus'
- 2011 Science Now, comment on Arabian evidence for 'out of Africa' <http://news.sciencemag.org/sciencenow/2011/11/ancient-tools-point-to-early-hum.html?ref=hp>
- 2011 Associated Press, comment on dates for the earliest Acheulian handaxes (http://www.boston.com/news/science/articles/2011/08/31/ancient_humans_used_hand_axes_earlier_than_thought/)
- 2010 National Public Radio, discussion of "what it means to be human." (<http://www.npr.org/templates/story/story.php?storyId=128415050>).
- 2009 Science Now, comment on the dates of the earliest stone tools found in Europe. (<http://sciencenow.sciencemag.org/cgi/content/full/2009/902/5>).
- National Geographic, commentary on earliest dates for the African Middle Stone Age, Gademotta, Ethiopia. (<http://news.nationalgeographic.com/news/2008/12/081203-homo-sapien-missions.html>).
- 2008 Stone Age, Gademotta, Ethiopia. (<http://news.nationalgeographic.com/news/2008/12/081203-homo-sapien-missions.html>).
- 2008 Science Now, commentary on earliest dates for the African Middle Stone Age, from Gademotta, Ethiopia. (<http://sciencenow.sciencemag.org/cgi/content/full/2008/1201/1>).

COURSES TAUGHT (* denotes new course preparation)

Harvard University

- 2019 *Graduate*
Archaeological Site Formation Processes
- 2018 *Graduate*
Professionalization Seminar
- 2017 *Graduate*
Foundation Stones: Archaeological and Evolutionary Approaches to Lithic
Analysis*
- Undergraduate*
African Roots: The Origin and Dispersal of Modern Humans (with Bridget Alex)
Freshman Seminar: Finding Your Inner Neanderthal
- 2016 *Undergraduate*
Freshman Seminar: Finding Your Inner Neanderthal*
- Graduate*
Professionalization Seminar
- 2015 *Graduate*
Changes in the Land (with Jeff Quilter)*
- 2014 *Undergraduate*
The Archaeology of the Modern Human Origins*
The Fundamentals of Archaeological Reasoning (with Jason Ur)
- Graduate*
Professionalization Seminar*
Small-scale Societies (with Rowan Flad)
- 2013 *Undergraduate*
African Archaeology*

COURSES TAUGHT, CONTINUED

New York University

- 2013 *Undergraduate*
Archaeology: Early Societies and Cultures
- Graduate*
The Archaeology of Modern Human Origins (with Randall White)
Directed readings in the Archaeology of North America (with Pam Crabtree)
- 2011 *Undergraduate*
African Archaeology
Paleolithic Archaeology
- Graduate*
Archaeological Perspectives on Society and Technology*
Archaeological Perspectives on Forager Societies*
Directed readings in the African Middle Stone Age and Modern Human Origins*
- 2010 *Undergraduate*
Archaeology: Early Societies and Cultures
Honors Seminar*
- Graduate*
Paleoanthropology II (with Shara Bailey and Tom Plummer)*
Geoarchaeology*
- 2009 *Undergraduate*
Archaeology: Early Societies and Cultures*
Paleolithic Archaeology*
- Graduate*
The Archaeology of Modern Human Origins (with Randall White)*
Lithic Technology*
- 2008 *Undergraduate*
African Archaeology*

George Washington University

- 2005-2007 *Undergraduate*
Introduction to Archaeology
Human Cultural Beginnings (Paleolithic Archaeology)
African Roots: From *Australopithecus* to Zimbabwe
Archaeological Field and Laboratory Techniques
- Graduate*
Human Cultural Beginnings Seminar, with Alison Brooks.
Diet and Human Evolution, with Peter Lucas.

University of Connecticut

- 2002 *Undergraduate*
Human Evolution