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Employment

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Research outputs

Millet and meals: the role and significance of *Panicum miliaceum* in culinary contexts at Bruszczewo, Poland

Standall, E. A., Craig, O. E., Kneisel, J., Müller, J., Kirleis, W., Czebreszuk, J. & Heron, C., 4 Dec 2024, In: *Archaeological and Anthropological Sciences*. 17, 15 p., 1.

Evaluating the culinary significance of maize in the Araucanía, Southern Chile: Evidence from organic residue analysis of pre-colonial pottery

Montalvo-Cabrera, J. A., Campbell, R., Colonese, A. C., Palma, G., Lucquin, A., Talbot, H. M., Serna, A., Roa Solís, C., Admiraal, M. & Craig, O. E., Jan 2025, In: *Journal of archaeological science*. 173, 106118.

The impact of cooking and burial on proteins: a characterisation of experimental foodcrusts and ceramics

Evans, M., Hagan, R., Boyd, O. J., Bondetti, M., Craig, O. E., Collins, M. J. & Hendy, J., 18 Sept 2024, (E-pub ahead of print) In: *Royal Society Open Science*. 11, 9, 23 p., 240610.

Multi-proxy bioarchaeological analysis of skeletal remains shows genetic discontinuity in a Medieval Sicilian community

Monnereau, A., Ughi, A., Orecchioni, P., Hagan, R., Talbot, H. M., Nikita, E., Hamilton, D., Le Roux, P., Molinari, A., Carver, M., Craig, O. E., Speller, C. F., Alexander, M. M. & Wales, N., 24 Jul 2024, In: *Royal Society Open Science*. 11, 7, 11 p., 240436.

Culinary continuity in central Japan across the transition to agriculture

Lundy, J., Bondetti, M., Lucquin, A., Talbot, H. M., Murakami, N., Nakayama, S., Harada, M., Suzuki, M., Endo, E., Stevens, C., Crema, E. R., Craig, O. E. & Shoda, S., 7 Jun 2024, In: *Archaeological and Anthropological Sciences*. 16, 97.

Alkylresorcinol detection and identification in archaeological pottery using ultra-high-performance liquid chromatography-quadrupole/Orbitrap mass spectrometry

Doliente, J. E., Langer, S., Dickinson, M. R., Cubas, M., Colonese, A. C., Penkman, K. & Craig, O. E., 22 May 2024, In: *Rapid Communications in Mass Spectrometry*. 38, 15, 12 p., e9771.

A medium-throughput approach for improved taxonomic identification of lipids preserved in ancient pottery

Drieu, L., Lundy, J., Smith, R. K., Bergström, E., Talbot, H., Primavera, M., Fiorentino, G., Craig, O. E. & Thomas-Oates, J., 7 May 2024, (E-pub ahead of print) In: *Archaeometry*. 20 p.

Alkylresorcinol detection and identification in archaeological pottery by ultra high performance liquid chromatography-quadrupole/Orbitrap mass spectrometry

Doliente, J. E., Langer, S., Dickinson, M., Cubas, M., Colonese, A. C., Penkman, K. E. H. & Craig, O. E., 27 Apr 2024, (Accepted/In press) In: *Rapid Communications in Mass Spectrometry*.

Unraveling Island Economies through Organic Residue Analysis: The Case of Mocha Island (Southern Chile)

Montalvo-Cabrera, J. A., Colonese, A. C., Campbell, R., Talbot, H. M., Lucquin, A., Admiraal, M., Palma, G. & Craig, O. E., 12 Mar 2024, (E-pub ahead of print) In: *Latin American Antiquity*. p. 1-15 15 p.

Ceramics: Organic Residue Analysis

Cubas, M., Becher, J., Chiang, Y., Antonius Dekker, J. A., Di Muro, A., Doliente, J. E. & Craig, O. E., 2024, *Encyclopedia of Archaeology*. Rehren, T. & Nikita, E. (eds.). Second ed. Oxford: Academic Press, Vol. 2B. p. 398-405 8 p.

The impact of farming on prehistoric culinary practices throughout Northern Europe

Lucquin, A. J. A., Robson, H. K., Oras, E., Lundy, J., Moretti, G., Gonzalez Carretero, L., Dekker, J., Demirci, Ö., Dolbunova, E., McLaughlin, T. R., Piezonka, H., Talbot, H. M., Adamczak, K., Czekaj-Zastawny, A., Groß, D., Gumiński, W., Hartz, S., Kabaciński, J., Koivisto, S. & Linge, T. E. & 10 others, Meyer, A.-K., Mökkönen, T., Philippsen, B., Piličiauskas, G., Visocka, V., Kriiska, A., Raemaekers, D. C. M., Meadows, J., Heron, C. & Craig, O. E., 16 Oct 2023, In: *Proceedings of the National Academy of Sciences of the United States of America*. 120, 43, 7 p., e2310138120.

Chemical analysis of pottery reveals the transition from a maritime to a plant-based economy in pre-colonial coastal Brazil

Admiraal, M., Colonese, A. C., Milheira, R. G., da Rocha Bandeira, D., Demathe, A., Pereira dos Santos, A. M., Fossile, T., Talbot, H. M., Bondetti, M., Lucquin, A., Montalvo-Cabrera, J., Prates, L., Serna, A. & Craig, O. E., 5 Oct 2023, In: *Scientific reports*. 13, 1, 9 p., 16771.

Parallel worlds and mixed economies: multi-proxy analysis reveals complex subsistence systems at the dawn of early farming in the northeast Baltic

Oras, E., Tõrv, M., Johanson, K., Rannamäe, E., Poska, A., Lõugas, L., Lucquin, A. J. A., Lundy, J., Brown, S., Chen, S., Varul, L., Haferberga, V., Legzdina, D., Zariņa, G., Cramp, L., Heyd, V., Reay, M., Pospieszny, Ł., Robson, H. K. & Nordqvist, K. & 3 others, Heron, C., Craig, O. E. & Kriiska, A., 4 Oct 2023, In: *Royal Society Open Science*. 10, 15 p., 230880.

The role of salmon fishing in the adoption of pottery technology in subarctic Alaska

Admiraal, M., Jordan, P. D., Talbot, H. M., Craig, O. E., Serna, A., Taché, K., von Tersch, M., Hendy, J., McGrath, K., Craig, O. E. & Lucquin, A., Sept 2023, In: *Journal of archaeological science*. 157, 11 p., 105824.

Molecular evidence for new foodways in the early colonial Caribbean: organic residue analysis at Isla de Mona, Puerto Rico

Briggs, L., Cooper, J., Craig, O. E., Heron, C., Lucquin, A., Milantchi, M. M. M. & Samson, A., 3 May 2023, In: *Archaeological and Anthropological Sciences*. 15, 5, 19 p., 70.

The globular amphora culture in the Eastern Baltic: new discoveries

Piličiauskas, G., Skipitytė, R., Oras, E., Lucquin, A. J. A., Craig, O. E. & Robson, H. K., 14 Apr 2023, In: *Acta Archaeologica*. 92, 2, p. 203-227

Detection of dairy products from multiple taxa in Late Neolithic pottery from Poland: an integrated biomolecular approach

Evans, M., Lundy, J., Lucquin, A. J. A., Hagan, R., Kowalski, Ł., Wilczyński, J., Bickle, P., Adamczak, K., Craig, O. E., Robson, H. K. & Hendy, J. R., 15 Mar 2023, In: *Royal Society Open Science*. 10, 3, 13 p., 230124.

Cuisine in transition? Organic residue analysis of domestic containers from 9th-14th century Sicily

Lundy, J., Drieu, L., Orecchioni, P., Meo, A., Aniceti, V., Fiorentino, G., Primavera, M., Talbot, H. M., Molinari, A., Carver, M. O. H. & Craig, O. E., 8 Mar 2023, (E-pub ahead of print) In: *Royal Society Open Science*. 10, 17 p., 221305.

Stable isotope analyses of amino acids reveal the importance of aquatic resources to Mediterranean coastal hunter-gatherers

Fontanals-Coll, M., Soncin, S., Talbot, H. M., Von Tersch, M., Gibaja, J. F., Colonese, A. C. & Craig, O. E., 22 Feb 2023, In: *Proceedings of the Royal Society B: Biological Sciences*. 290, 1993, 11 p., 20221330.

The transmission of pottery technology among prehistoric European hunter-gatherers

Dolbunova, E., Lucquin, A. J. A., McLaughlin, R., Bondetti, M., Courel, B., Oras, E., Piezonka, H., Robson, H. K., Talbot, H. M., Adamczak, K., Andreev, K., Asheichyk, V., Charniauski, M., Czekaj-Zastawny, A., Ezepenko, I., Grechkina, T., Gunnarssone, A., Gusentsova, T. M., Haskevych, D. & 24 others, Kabaciński, J., Karmanov, V., Kosorukova, N., Kostyleva, E., Kriiska, A., Kukawka, S., Lozovskaya, O., Mazurkevich, A., Nedomolkina, N., Piličiauskas, G., Sinitsyna, G., Skorobogatov, A., Smolyaninov, R. V., Surkov, A., Tkachov, O., Tkachova, M., Tsybrij, A., Tsybrij, V., Vybornov, A. A., Wawrusiewicz, A., Yudin, A. I., Meadows, J., Heron, C. P. & Craig, O. E., 1 Feb 2023, In: *Nature Human Behaviour*. 7, p. 171-183 16 p.

Light Production by Ceramic Using Hunter-Gatherer-Fishers of the Circum-Baltic

Robson, H. K., Lucquin, A. J. A., Admiraal, M., Dolbunova, E., Adamczak, K., Czekaj-Zastawny, A., Fitzhugh, W., Gumiński, W., Kabaciński, J., Kotula, A., Kukawka, S., Oras, E., Piezonka, H., Piličiauskas, G., Sørensen, S. A., Thielen, L., Wetzel, G., Meadows, J., Hartz, S. & Craig, O. E. & 1 others, Heron, C., 16 Jan 2023, In: *Proceedings of the Prehistoric Society*. 88, p. 25-52 28 p.

Fusion cuisine in the shadow of Mount Olympus: an integrated study of Middle and Late Bronze Age cooking pots

Dimoula, A., Koulidou, S., Tsirtsoni, Z., Standall, E., Craig, O. E. & Valamoti, S. M., 23 Nov 2022, In: *Journal of Greek Archaeology*. 7, p. 37-66 30 p.

Lipid residues in ancient pastoralist pottery from Kazakhstan reveal regional differences in cooking practices

Murakami, N., Onggaruly, A., Rakhimzhanova, S., Standall, E. A., Talbot, H. M., Lucquin, A., Suzuki, M., Karimagambetov, A., Nuskabay, A., Nam, S. W., Craig, O. E. & Shoda, S., 10 Nov 2022, In: *Frontiers in Ecology and Evolution*. 10, 16 p., 1032637.

Diet, economy, and culinary practices at the height of precolonial Swahili urbanism

Quintana Morales, E. M., Craig, O. E., Prendergast, M. E., Walshaw, S., Cartaciano, C., Mwebi, O., Nguta, E., Onduso, V., Fleisher, J. & Wynne-Jones, S., 1 Jun 2022, In: *Journal of Anthropological Archaeology*. 66, 12 p., 101406.

There's more to a vessel than meets the eye: Organic residue analysis of 'wine' containers from shipwrecks and settlements of ancient Cyprus (4th–1st century bce)

Briggs, L., Demesticha, S., Katzev, S., Wylde Swiny, H., Craig, O. E. & Drieu, L., Jun 2022, In: *Archaeometry*. 64, 3, p. 779-797

Integrating Lipid and Starch Grain Analyses From Pottery Vessels to Explore Prehistoric Foodways in Northern Gujarat, India

García-Granero, J. J., Suryanarayan, A., Cubas, M., Craig, O. E., Cárdenas, M., Ajithprasad, P. & Madella, M., 16 Mar 2022, In: *Frontiers in Ecology and Evolution*. 10

Large-scale migration into Britain during the Middle to Late Bronze Age

Patterson, N., Isakov, M., Booth, T., Büster, L., Fischer, C.-E., Olalde, I., Ringbauer, H., Akbari, A., Cheronet, O., Bleasdale, M., Adamski, N., Altena, E., Bernardos, R., Brace, S., Broomandkhoshbacht, N., Callan, K., Candilio, F., Culleton, B., Curtis, E. & Demetz, L. & 203 others, Carlson, K. S. D., Edwards, C. J., Fernandes, D. M., Foody, M. G. B., Freilich, S., Goodchild, H., Kearns, A., Lawson, A. M., Lazaridis, I., Mah, M., Mallick, S., Mandl, K., Micco, A., Michel, M., Morante, G. B., Oppenheimer, J., Özdoğan, K. T., Qiu, L., Schattke, C., Stewardson, K., Workman, J. N., Zalzal, F., Zhang, Z., Agustí, B., Allen, T., Almássy, K., Amkreutz, L., Ash, A., Baillif-Ducros, C., Barclay, A., Bartosiewicz, L., Baxter, K., Bernert, Z., Blažek, J., Bodružić, M., Boissinot, P., Bonsall, C., Bradley, P., Brittain, M., Brookes, A., Brown, F., Brown, L., Brunning, R., Budd, C., Burmaz, J., Canet, S., Carnicero-Cáceres, S., Čaušević-Bully, M., Chamberlain, A., Chauvin, S., Clough, S., Čondić, N., Coppa, A., Craig, O., Črešnar, M., Cummings, V., Czifra, S., Danielisová, A., Daniels, R., Davies, A., de Jersey, P., Deacon, J., Deminger, C., Ditchfield, P. W., Dizdar, M., Dobeš, M., Dobisíková, M., Domboróczki, L., Drinkall, G., Đukić, A., Ernée, M., Evans, C., Evans, J., Fernández-Götz, M., Filipović, S., Fitzpatrick, A., Fokkens, H., Fowler, C., Fox, A., Gallina, Z., Gamble, M., González Morales, M. R., González-Rabanal, B., Green, A., Gyenesei, K., Habermehl, D., Hajdu, T., Hamilton, D., Harris, J., Hayden, C., Hendriks, J., Hernu, B., Hey, G., Horňák, M., Ilon, G., Istvánovits, E., Jones, A. M., Kavur, M. B., Kazek, K., Kenyon, R. A., Khreisheh, A., Kiss, V., Kleijne, J., Knight, M., Kootker, L. M., Kovács, P. F., Kozubová, A., Kulcsár, G., Kulcsár, V., Le Pennec, C., Legge, M., Leivers, M., Loe, L., López-Costas, O., Lord, T., Los, D., Lyall, J., Marín-Arroyo, A. B., Mason, P., Matošević, D., Maxted, A., McIntyre, L., McKinley, J., McSweeney, K., Meijlink, B., Mende, B. G., Mendošić, M., Metlička, M., Meyer, S., Mihovilić, K., Milasinovic, L., Minnitt, S., Moore, J., Morley, G., Mullan, G., Musilová, M., Neil, B., Nicholls, R., Novak, M., Pala, M., Papworth, M., Paresys, C., Patten, R., Perkić, D., Pesti, K., Petit, A., Petriščáková, K., Pichon, C., Pickard, C., Pilling, Z., Price, T. D., Radović, S., Redfern, R., Resutík, B., Rhodes, D. T., Richards, M. B., Roberts, A., Roefstra, J., Sankot, P., Šefčáková, A., Sheridan, A., Skae, S., Šmolíková, M., Somogyi, K., Somogyvári, Á., Stephens, M., Szabó, G., Szécsényi-Nagy, A., Szeniczey, T., Tabor, J., Tankó, K., Maria, C. T., Terry, R., Teržan, B., Teschler-Nicola, M., Torres-Martínez, J. F., Trapp, J., Turle, R., Ujvári, F., van der Heiden, M., Veleminsky, P., Veselka, B., Vytlačil, Z., Waddington, C., Ware, P., Wilkinson, P., Wilson, L., Wiseman, R., Young, E., Zaninović, J., Žitňan, A., Lalueza-Fox, C., de Knijff, P., Barnes, I., Halkon, P., Thomas, M. G., Kennett, D. J., Cunliffe, B., Lillie, M., Rohland, N., Pinhasi, R., Armit, I. & Reich, D., 27 Jan 2022, In: *Nature*. 601, 7894, p. 588-594 7 p.

The use of early pottery by hunter-gatherers of the Eastern European forest-steppe

Courel, B., Meadows, J., Carretero, L. G., Lucquin, A., McLaughlin, R., Bondetti, M., Andreev, K., Skorobogatov, A., Smolyaninov, R., Surkov, A., Vyborno, A. A., Dolbunova, E., Heron, C. P. & Bondetti, M., 1 Oct 2021, In: *Quaternary Science Reviews*. 269, 12 p., 107143.

Prehistoric Fermentation, Delayed-Return Economies, and the Adoption of Pottery Technology

Craig, O. E., Oct 2021, In: *Current Anthropology*. 62, 24, p. 233-241

Dataset of oxygen, carbon, and strontium isotope values from the Imperial Roman site of Velia (ca. 1st-2nd c. CE), Italy

Stark, R. J., Emery, M. V., Schwarcz, H., Sperduti, A., Bondioli, L., Craig, O. E. & Prowse, T. L., 28 Sept 2021, (E-pub ahead of print) In: *Data in Brief*. 38, p. 107421

High-resolution dietary reconstruction of victims of the 79 CE Vesuvius eruption at Herculaneum by compound-specific isotope analysis

Soncin, S., Talbot, H. M., Fernandes, R., Harris, A., von Tersch, M., Robson, H. K., Bakker, J. K., Richter, K. K., Alexander, M., Ellis, S., Thompson, G., Amoretti, V., Osanna, M., Caso, M., Sirano, F., Fattore, L., Colonese, A. C., Garnsey, P., Bondioli, L. & Craig, O. E., 25 Aug 2021, In: *Science Advances*. 7, 35, 9 p., eabg5791.

Pottery use in the mining site of variscite Mines de Gavà (Barcelona, Spain) during the 4th millennium BC based on organic residue analysis

Tarifa-Mateo, N., Regert, M., Craig, O. E., Rosell-Melé, A., Clop, X. & Saña, M., 1 Aug 2021, In: *Journal of Archaeological Science: Reports*. 38, 12 p., 103080.

Neolithic farmers or Neolithic foragers? Organic residue analysis of early pottery from Rakushechny Yar on the Lower Don (Russia)

Bondetti, M., González Carretero, L., Dolbunova, E., McGrath, K., Presslee, S., Lucquin, A., Tsybriy, V., Mazurkevich, A., Tsybriy, A., Jordan, P., Heron, C., Meadows, J. & Bondetti, M., 26 Jul 2021, In: *Archaeological and Anthropological Sciences*. 13, 141, p. 1-16 16 p., 141.

New insights into early medieval Islamic cuisine: Organic residue analysis of pottery from rural and urban Sicily

Lundy, J., Drieu, L., Meo, A., Sacco, V., Arcifa, L., Pezzini, E., Aniceti, V., Fiorentino, G., Alexander, M. M., Orecchioni, P., Mollinari, A., Carver, M. O. H. & Craig, O. E., 9 Jun 2021, In: *PLOS one*. 16, 6, 25 p., e0252225.

What do "barbarians" eat? Integrating ceramic use-wear and residue analysis in the study of food and society at the margins of Bronze Age China

Taché, K., Jaffe, Y., Craig, O. E., Lucquin, A., Zhou, J., Wang, H., Jiang, S., Standall, E. & Flad, R. K., 29 Apr 2021, In: *PLOS one*. 16, 4, e0250819.

Organic Residue Analysis of Early Neolithic 'Bog Pots' from Denmark Demonstrates the Processing of Wild and Domestic Foodstuffs

Robson, H. K., Saul, H. A., Steele, V. J., Meadows, J., Nielsen, P. O., Fischer, A., Heron, C. & Craig, O. E., Apr 2021, In: *Journal of Archaeological Science: Reports*. 36, 18 p., 102829.

Chemical evidence for the persistence of wine production and trade in Early Medieval Islamic Sicily

Drieu, L., Orecchioni, P., Capelli, C., Meo, A., Lundy, J., Sacco, V., Arcifa, L., Mollinari, A., Carver, M. & Craig, O. E., 9 Mar 2021, In: *Proceedings of the National Academy of Sciences USA*. 118, 10, 8 p., e2017983118.

A Neolithic without dairy? Chemical evidence from the content of ceramics from the Pendimoun rock-shelter (Castellar, France, 5750–5150 BCE)

Drieu, L., Lucquin, A., Cassard, L., Sorin, S., Craig, O. E., Binder, D. & Regert, M., Feb 2021, In: *Journal of Archaeological Science: Reports*. 35, 11 p., 102682.

Lipid residues in pottery from the Indus Civilisation in northwest India

Suryanarayan, A., Cubas, M., Craig, O. E., Heron, C. P., Shinde, V. S., Singh, R. N., O'Connell, T. C. & Petrie, C. A., Jan 2021, In: *Journal of archaeological science*. 125, 16 p., 105291.

Analiza pozostałości organicznych w ceramice (ORA – Organic Residue Analysis)

Robson, H. K., England, F., Lucquin, A. J. A. & Craig, O. E., 2021, *Najstarsza osada kultury ceramiki wstęgowej rytej z terenu Polski Gwoździec stan. 2, gm. Zakliczyn (The earliest settlement of the Linear Pottery Culture from the territory of Poland Gwoździec site 2, com. Zakliczyn)*. Kraków: Instytut Archeologii i Etnologii PAN, Muzeum Okręgowe w Tarnowie, p. 133-141 9 p.

Funkcjonowanie i rozwój Osady Kultury Ceramiki Wstęgowej Rytej

Czekaj-Zastawny, A., Bochnia, M., Craig, O. E., England, F., Jędrzyk, J., Kenig, R., Kotula, A., Kufel-Diakowska, B., Kukułka, A., Lityńska-Zajac, M., Lucquin, A. J. A., Moskal-del Hoyo, M., Oberc, T., Rauba-Bukowska, A., Robson, H. K. & Wilczyński, J., 2021, *Najstarsza osada kultury ceramiki wstęgowej rytej z terenu Polski Gwoździec stan. 2, gm. Zakliczyn (The earliest settlement of the Linear Pottery Culture from the territory of Poland Gwoździec site 2, com. Zakliczyn)*. Kraków: Instytut Archeologii i Etnologii PAN, Muzeum Okręgowe w Tarnowie, p. 335-365 31 p.

IX Organic residue analysis

Robson, H. K., Colonese, A. C. & Craig, O. E., 2021, *Der Abri Unterkobel bei Oberriet - Ein interdisziplinärer Blick auf 8000 Jahre Siedlungs und Umweltgeschichte im Alpenrheintal*. Wegmüller, F. (ed.). Archäologie im Kanton St. Gallen, Vol. 3. p. 203-204 2 p.

The earliest settlement of the Linear Pottery Culture from the territory of Poland Gwoździec site 2, com. Zakliczyn: Summary

Czekaj-Zastawny, A., Rauba-Bukowska, A., Kukułka, A., Bochnia, M., Craig, O. E., England, F., Jędrzyk, J., Kenig, R., Kotula, A., Kufel-Diakowska, B., Lityńska-Zajac, M., Lucquin, A. J. A., Moskal-del Hoyo, M., Oberc, T., Robson, H. K. & Wilczyński, J., 2021, *Najstarsza osada kultury ceramiki wstęgowej rytej z terenu Polski Gwoździec stan. 2, gm. Zakliczyn (The earliest settlement of the Linear Pottery Culture from the territory of Poland Gwoździec site 2, com. Zakliczyn)*. Kraków: Instytut Archeologii i Etnologii PAN, Muzeum Okręgowe w Tarnowie, p. 401-432 32 p.

XIX Synthese

Wegmüller, F., Affolter, J., Akeret, Ö., Bailon, S., Brönnimann, D., Colonese, A. C., Craig, O. E., Häberle, S., Hajdas, I., Oberhänsli, M., Robson, H. K., Schibler, J., Schindler, M. P., Schlumbaum, A., Stopp, B., Thew, N. & Wojtczak, D., 2021, *Der Abri Unterkobel bei Oberriet - Ein interdisziplinärer Blick auf 8000 Jahre Siedlungs und Umweltgeschichte im Alpenrheintal*. Wegmüller, F. (ed.). Archäologie im Kanton St. Gallen, Vol. 3. p. 357-386 30 p.

Resource processing, early pottery and the emergence of Kitoi culture in Cis-Baikal: Insights from lipid residue analysis of an Early Neolithic ceramic assemblage from the Gorelyi Les habitation site, Eastern Siberia

Bondetti, M., Lucquin, A. J. A., Savel'ev, N. A., Weber, A. W., Craig, O. E. & Jordan, P. D., Dec 2020, In: *Archaeological Research in Asia*. 24, 13 p., 100225.

Investigating the formation and diagnostic value of ω -(o-alkylphenyl)alkanoic acids in ancient pottery

Bondetti, M., Scott, E., Courel, B., Lucquin, A. J. A., Shoda, S., Lundy, J., Labra-Odde, C., Drieu, L. & Craig, O. E., 3 Nov 2020, (E-pub ahead of print) In: *Archaeometry*.

No pottery at the western periphery of Europe: why was the Final Mesolithic of Britain and Ireland aceramic?

Elliott, B. J., Little, A. P., Warren, G., Lucquin, A. J. A., Blinkhorn, E. H. & Craig, O. E., 1 Oct 2020, In: *Antiquity*. 94, 377, p. 1152-1167 16 p.

Walnuts, salmon and sika deer: exploring the evolution and diversification of Jōmon "culinary" traditions in prehistoric Hokkaidō

Robson, H. K., Lucquin, A. J. A., Gibbs, K., Saul, H. A., Tomoda, T., Hirasawa, Y., Yamahara, T., Kato, H., Isaksson, S., Craig, O. E. & Jordan, P., 16 Sept 2020, (E-pub ahead of print) In: *Journal of Anthropological Archaeology*. 60, 21 p., 101225.

The Interior of the Miniature Vessels

Craig, O. E., Robson, H. K., Von Tersch, M., Lucquin, A. J. A. & Chapman, J., 27 Aug 2020, *Early Urbanism in Europe: The Trypillia Megasites of the Ukrainian Forest-Steppe*. Gaydarska, B. (ed.). Poland: De Gruyter, p. 346-350 5 p.

Correction to 'Organic residue analysis shows sub-regional patterns in the use of pottery by Northern European hunter-gatherers'

Courel, B., Robson, H. K., Lucquin, A. J. A., Dolbunova, E., Oras, E., Adamczak, K., Andersen, S. H., Moe Astrup, P., Charniauski, M., Czekał-Zastawny, A., Ezepenko, I., Hartz, S., Kabaciński, J., Kotula, A., Kukawka, S., Loze, I., Mazurkevich, A., Piezonka, H., Piličiauskas, G. & Sørensen, S. A. & 7 others, Talbot, H. M., Tkachou, A., Tkachova, M., Wawrusiewicz, A., Meadows, J., Heron, C. & Craig, O. E., 22 Jul 2020, In: *Royal Society Open Science*. 7, 7, 1 p., 192016.

The adoption of pottery on Kodiak Island: Insights from organic residue analysis

Admiraal, M., Lucquin, A. J. A., Von Tersch, M., Craig, O. E. & Jordan, P., 20 Jul 2020, In: *Quaternary International*. 554, p. 128-142

Fishers of the Corded Ware culture in the Eastern Baltic

Piličiauskas, G., Kluczynska, G., Kisieliene, D., Skipitytė, R., Peseckas, K., Matuzevičiūtė, S., Lukešová, H., Lucquin, A. J. A., Craig, O. E. & Robson, H. K., 12 Jun 2020, (E-pub ahead of print) In: *Acta Archaeologica*. 91, 1, p. 95-120 26 p.

Imperial Roman mobility and migration at Velia (1st to 2nd c. CE) in southern Italy

Stark, R. J., Emery, M. V., Schwarcz, H., Sperduti, A., Bondioli, L., Craig, O. E. & Prowse, T., 30 Apr 2020, In: *Journal of Archaeological Science: Reports*. 30, 102217.

Latitudinal gradient in dairy production with the introduction of farming in Atlantic Europe

Cubas Morera, M., Lucquin, A. J. A., Robson, H. K., Colonese, A. C., Arias, P., Aubry, B., Billard, C., Jan, D., Diniz, M., Fernandes, R., Fábregas Valcarce, R., Germain-Vallée, C., Juhel, L., de Lombera-Hermida, A., Marcigny, C., Mazet, S., Marchand, G., Neves, C., Ontañón-Peredo, R. & Rodríguez-Álvarez, X. P. & 3 others, Simões, T., Zilhão, J. & Craig, O. E., 27 Apr 2020, In: *Nature Communications*. 11, 9 p., 2036.

First lipid residue analysis of Early Neolithic pottery from Swifterbant (the Netherlands, ca. 4300–4000 BC)

Demirci, O., Lucquin, A. J. A., Craig, O. E. & Raemaekers, D. C. M., 26 Apr 2020, In: *Archaeological and Anthropological Sciences*. 12, 105 (2020).

Organic residue analysis shows sub-regional patterns in the use of pottery by Northern European hunter-gatherers

Courel, B., Robson, H. K., Lucquin, A. J. A., Dolbunova, E., Oras, E., Adamczak, K., Andersen, S., Moe Astrup, P., Charniauski, M., Czekaj-Zastawny, A., Ezepeko, I., Hartz, S., Kabaciński, J., Kotula, A., Kukawka, S., Loze, I., Mazurkevich, A., Piezonka, H., Piličiauskas, G. & Sørensen, S. A. & 7 others, Talbot, H. M., Tkachou, A., Tkachova, M., Wawrusiewicz, A., Meadows, J., Heron, C. P. & Craig, O. E., 22 Apr 2020, In: *Royal Society Open Science*. 7, 192016, 16 p., 192016.

Is it possible to identify ancient wine production using biomolecular approaches?

Drieu, L., Rageot, M., Wales, N., Stern, B., Lundy, J., Zerrer, M., Gaffney, I., Bondetti, M., Spiteri, C., Thomas-Oates, J. E. & Craig, O. E., 17 Mar 2020, In: *STAR: Science Technology of Archaeological Research*. YSTA 1738728.

Late Glacial hunter-gatherer pottery in the Russian Far East: Indications of diversity in origins and use

Shoda, S., Lucquin, A., Yanshina, O., Kuzmin, Y., Shevkomud, I., Medvedev, V., Derevianko, E., Lapshina, Z., Craig, O. E. & Jordan, P., 1 Feb 2020, In: *Quaternary Science Reviews*. 229, 106124.

A re-evaluation of manner of death at Roman Herculaneum following the AD 79 eruption of Vesuvius

Martyn, R., Craig, O. E., Ellingham, S. T., Islam, M., Fattore, L., Sperduti, A., Bondioli, L. & Thompson, T., 23 Jan 2020, (E-pub ahead of print) In: *Antiquity*. p. 1-16 16 p.

Residue Analysis

Craig, O. E., Saul, H. & Spiteri, C., 2020, *Archaeological Science: An Introduction*. P. Richards, M. & Britton, K. (eds.). Cambridge University Press, p. 70-98 29 p.

Leftovers: The presence of manufacture-derived aquatic lipids in Alaskan pottery

Admiraal, M., Lucquin, A., Drieu, L., Casale, S., Jordan, P. D. & Craig, O. E., 2 Dec 2019, In: *Archaeometry*. n/a, n/a

Production and function of Neolithic black-painted pottery from Schela Cladovei (Iron Gates, Romania)

Spataro, M., Cubas, M., Craig, O. E., Chapman, J. C., Boroneanț, A. & Bonsall, C., 1 Nov 2019, In: *Archaeological and Anthropological Sciences*. 11, 11, p. 6287-6304 18 p.

New insights into Neolithic milk consumption through proteomic analysis of dental calculus

Charlton, S. J. L., Ramsøe, A. D., Collins, M. J., Craig, O. O., Fischer, R., Alexander, M. M. & Speller, C. F., Nov 2019, In: *Archaeological and Anthropological Sciences*. 11, p. 6183–6196 14 p.

Something fishy in the Great Lakes? A reappraisal of early pottery use in north-eastern North America

Taché, K., Bondetti, M., Lucquin, A., Admiraal, M. & Craig, O. O., Oct 2019, In: *Antiquity*. 93, 371, p. 1339-1349 11 p.

Long-term dietary change in Atlantic and Mediterranean Iberia with the introduction of agriculture: a stable isotope perspective

Cubas, M., Peyroteo-Stjerna, R., Fontanals-Coll, M., Llorente-Rodríguez, L., Lucquin, A., Craig, O. E. & Colonese, A. C., 1 Aug 2019, In: *Archaeological and Anthropological Sciences*. 11, 8, p. 3825-3836 12 p.

Fruits, fish and the introduction of pottery in the Eastern European plain: Lipid residue analysis of ceramic vessels from Zamostje 2

Bondetti, M., Scott, S., Lucquin, A., Meadows, J., Lozovskaya, O., Dolbunova, E., Jordan, P. & Craig, O. E., 11 May 2019, (E-pub ahead of print) In: *Quaternary International*. 11 p.

Ancient genomes indicate population replacement in Early Neolithic Britain

Brace, S., Diekmann, Y., Booth, T. J., van Dorp, L., Faltyskova, Z., Rohland, N., Mallick, S., Olalde, I., Ferry, M., Michel, M., Oppenheimer, J., Broomandkhoshbacht, N., Stewardson, K., Martiniano, R., Walsh, S., Kayser, M., Charlton, S., Hellenthal, G., Armit, I. & Schulting, R. & 7 others, Craig, O. E., Sheridan, A., Parker Pearson, M., Stringer, C., Reich, D.,

Thomas, M. G. & Barnes, I., 15 Apr 2019, In: *Nature Ecology and Evolution*. 3, 5, p. 765-771 7 p.

Diet, cuisine and consumption practices of the first farmers in the south-eastern Baltic

Robson, H. K., Skipitytė, R., Piličiauskienė, G., Lucquin, A. J. A., Heron, C., Craig, O. E. & Piličiauskas, G., 15 Feb 2019, (E-pub ahead of print) In: *Archaeological and Anthropological Sciences*. p. 1-14 14 p.

A summary round-up list of Scottish archaeological human remains that have been sampled/analysed for DNA as of January 2019

Sheridan, A., Armit, I., Reich, D., Booth, T., Bernados, R., Barnes, I., Thomas, M. G., Charlton, S. J. L., Craig, O. E., Lawson, J., Dulias, K., Edwards, C., Pala, C., Richards, M., Margaryan, A., Kristiansen, K., Willerslev, E., Allentoft, M., Britton, K. & Noble, G. & 6 others, Flink, I., Talamo, S., Curtis, N., Cooper, A., Cole, S. & Brown, L., 2019, In: *Discovery and Excavation in Scotland*. 19, p. 227-250

Bones, Teeth, and History: Biology, Climate, and the Future of the Past

Sperduti, A., Bondioli, L., Craig, O. E., Garnsey, P. & Prowse, T., 2019, *The Science of Roman History : Biology, Climate, and the Future of the Past*. Scheidel, W. (ed.). United States: Princeton University Press, p. 123-173

Molecular and isotopic evidence for the processing of starchy plants in Early Neolithic pottery from China

Shoda, S., Lucquin, A., Sou, C. I., Nishida, Y., Sun, G., Kitano, H., Son, J.-H., Nakamura, S. & Craig, O. E., 19 Nov 2018, In: *Scientific Reports*. 8, 1, p. 17044

Ancient proteins from ceramic vessels at Çatalhöyük West reveal the hidden cuisine of early farmers

Hendy, J. R., Colonese, A. C., Franz, I., Fernandes, R., Fischer, R., Orton, D. C., Lucquin, A. J. A., Spindler, L., Anvari, J., Stroud, E., Biehl, P., Speller, C. F., Boivin, N., Mackie, M., Rakownikow Jersie-Christensen, R., Olsen, J. V., Collins, M. J., Craig, O. E. & Rosenstock, E., 3 Oct 2018, In: *Nature Communications*. 9, 10 p., 4064 (2018).

Pine traces at Star Carr: evidence from residues on stone tools

Croft, S. C. K., Colonese, A. C., Lucquin, A. J. A., Craig, O. E., Conneller, C. & Milner, N., Oct 2018, In: *Journal of Archaeological Science Reports*. 21, p. 21-31 11 p.

The Corded Ware culture in the Eastern Baltic: New evidence on chronology, diet, beaker, bone and flint tool function

Piličiauskas, G., Osipowicz, G., Asheichyk, V., Skipitytė, R., Varul, L., Kozakaitė, J., Kryvaltsevich, M., Vaitovich, A., Lakiza, V., Šapolaitė, J., Ežerinskis, Ž., Pamazanau, M., Lucquin, A. J. A., Craig, O. E. & Robson, H. K., Oct 2018, In: *Journal of Archaeological Science: Reports*. 21, p. 538-552 15 p.

Direct evidence from lipid residue analysis for the routine consumption of millet in Early Medieval Italy

Ganzarolli, G., Alexander, M. M., Chavarria Arnau, A. & Craig, O. E., Aug 2018, In: *Journal of archaeological science*. 96, p. 124-130

The impact of environmental change on the use of early pottery by East Asian hunter-gatherers

Lucquin, A. J. A., Robson, H. K., Eley, Y., Shoda, S., Veltcheva, D., Gibbs, K., Heron, C. P., Isaksson, S., Nishida, Y., Taniguchi, Y., Nakajima, S., Kobayashi, K., Jordan, P. D., Kaner, S. & Craig, O. E., 31 Jul 2018, In: *Proceedings of the National Academy of Sciences of the United States of America*. 115, 31, p. 7931-7936 6 p.

Investigating the function of prehistoric stone bowls and griddle stones in the Aleutian Islands by lipid residue analysis

Admiraal, M., Lucquin, A. J. A., Von Tersch, M., Jordan, P. D. & Craig, O. E., 4 Jun 2018, In: *QUATERNARY RESEARCH*. 13 p.

Faunal remains: results by species

Knight, R., Milner, N., O'Connor, T. P., Elliot, B., Robson, H. K., Buckley, M., Witkowski, P., Charlton, S. J. L., Craig, O. E. & Collins, M. J., 12 Apr 2018, *Star Carr, Volume 2: studies in technology, subsistence and environment*. Milner, N., Conneller, C. & Taylor, B. (eds.). York: White Rose University Press, p. 195-254

Sediments and stratigraphy

Milner, N., Taylor, B., Conneller, C., Boreham, S., French, C., Craig, O. E. & Williams, H., 12 Apr 2018, *Star Carr, Volume 2: studies in technology, subsistence and environment*. Milner, N., Conneller, C. & Taylor, B. (eds.). York: White Rose University Press, p. 153-160

Erratum: The Beaker phenomenon and the genomic transformation of northwest Europe

Olalde, I., Brace, S., Allentoft, M. E., Armit, I., Kristiansen, K., Booth, T., Rohland, N., Mallick, S., Szécsényi-Nagy, A., Mittnik, A., Altena, E., Lipson, M., Lazaridis, I., Harper, T. K., Patterson, N., Broomandkoshobacht, N., Diekmann, Y., Faltyskova, Z., Fernandes, D. & Ferry, M. & 124 others, Harney, E., de Knijff, P., Michel, M., Oppenheimer, J., Stewardson, K., Barclay, A., Alt, K. W., Liesau, C., Ríos, P., Blasco, C., Miguel, J. V., García, R. M., Fernández, A. A., Bánffy, E., Bernabò-Brea, M., Billoin, D., Bonsall, C., Bonsall, L., Allen, T., Büster, L., Carver, S., Navarro, L. C., Craig, O. E., Cook, G. T., Cunliffe, B., Denaire, A., Dinwiddy, K. E., Dodwell, N., Ernée, M., Evans, C., Kuchařík, M., Farré, J. F., Fowler, C., Gazenbeek, M., Pena, R. G., Haber-Uriarte, M., Haduch, E., Hey, G., Jowett, N., Knowles, T., Massy, K., Pfrengle, S., Lefranc, P., Lemerrier, O., Lefebvre, A., Martínez, C. H., Olmo, V. G., Ramírez, A. B., Maurandi, J. L., Majó, T., McKinley, J. I., McSweeney, K., Mende, B. G., Modi, A., Kulcsár, G., Kiss, V., Czene, A., Patay, R., Endrődi, A., Köhler, K., Hajdu, T., Szeniczey, T., Dani, J., Bernert, Z., Hoole, M., Cheronet, O., Keating, D., Velemínský, P., Dobeš, M., Candilio, F., Brown, F., Fernández, R. F., Herrero-Corral, A.-M., Tusa, S., Carnieri, E., Lentini, L., Valenti, A., Zanini, A., Waddington, C., Delibes, G., Guerra-Doce, E., Neil, B., Brittain, M., Luke, M., Mortimer, R., Desideri, J., Besse, M., Brücken, G., Furmanek, M., Hałuszko, A., Mackiewicz, M., Rapiński, A., Leach, S., Soriano, I., Lillios, K. T., Cardoso, J. L., Pearson, M. P., Włodarczak, P., Price, T. D., Prieto, P., Rey, P.-J., Risch, R., Guerra, M. A. R., Schmitt, A., Serralougue, J., Silva, A. M., Smrčka, V., Vergnaud, L., Zilhão, J., Caramelli, D., Higham, T., Thomas, M. G., Kennett, D. J., Fokkens, H., Heyd, V., Sheridan, A., Sjögren, K.-G., Stockhammer, P. W., Krause, J., Pinhasi, R., Haak, W., Barnes, I., Lalueza-Fox, C. & Reich, D., 22 Mar 2018, In: *Nature*. 555, 7697, p. 543

The Beaker phenomenon and the genomic transformation of northwest Europe

Olalde, I., Brace, S., Allentoft, M. E., Armit, I., Kristiansen, K., Booth, T., Rohland, N., Mallick, S., Szécsényi-Nagy, A., Mittnik, A., Altena, E., Lipson, M., Lazaridis, I., Harper, T. K., Patterson, N., Broomandkoshobacht, N., Diekmann, Y., Faltyskova, Z., Fernandes, D. & Ferry, M. & 123 others, Harney, E., de Knijff, P., Michel, M., Oppenheimer, J., Stewardson, K., Barclay, A., Alt, K. W., Liesau, C., Blasco, C., Miguel, J. V., García, R. M., Fernández, A. A., Bánffy, E., Bernabò-Brea, M., Billoin, D., Bonsall, C., Bonsall, L., Allen, T., Büster, L., Carver, S., Navarro, L. C., Craig, O. E., Cook, G. T., Cunliffe, B., Denaire, A., Dinwiddy, K. E., Dodwell, N., Ernée, M., Evans, C., Kuchařík, M., Farré, J. F., Fowler, C., Gazenbeek, M., Pena, R. G., Haber-Uriarte, M., Haduch, E., Hey, G., Jowett, N., Knowles, T., Massy, K., Pfrengle, S., Lefranc, P., Lemerrier, O., Lefebvre, A., Martínez, C. H., Olmo, V. G., Ramírez, A. B., Maurandi, J. L., Majó, T., McKinley, J. I., McSweeney, K., Mende, B. G., Modi, A., Kulcsár, G., Kiss, V., Czene, A., Patay, R., Endrődi, A., Köhler, K., Hajdu, T., Szeniczey, T., Dani, J., Bernert, Z., Hoole, M., Cheronet, O., Keating, D., Velemínský, P., Dobeš, M., Candilio, F., Brown, F., Fernández, R. F., Herrero-Corral, A.-M., Tusa, S., Carnieri, E., Lentini, L., Valenti, A., Zanini, A., Waddington, C., Delibes, G., Guerra-Doce, E., Neil, B., Brittain, M., Luke, M., Mortimer, R., Desideri, J., Besse, M., Brücken, G., Furmanek, M., Hałuszko, A., Mackiewicz, M., Rapiński, A., Leach, S., Soriano, I., Lillios, K. T., Cardoso, J. L., Pearson, M. P., Włodarczak, P., Price, T. D., Prieto, P., Rey, P. J., Risch, R., Rojo Guerra, M. A., Schmitt, A., Serralougue, J., Silva, A. M., Smrčka, V., Vergnaud, L., Zilhão, J., Caramelli, D., Higham, T., Thomas, M. G., Kennett, D. J., Fokkens, H., Heyd, V., Sheridan, A., Sjögren, K.-G., Stockhammer, P. W., Krause, J., Pinhasi, R., Haak, W., Barnes, I., Lalueza-Fox, C. & Reich, D., 8 Mar 2018, In: *Nature*. 555, 7695, p. 190-196 7 p.

The use of Lapita pottery: results from the first analysis of lipid residues

Leclerc, M., Tache, K., Bedford, S., Spring, M., Lucquin, A. J. A. & Craig, O. E., Feb 2018, In: *Journal of Archaeological Science Reports*. 17, p. 712-722 11 p.

Commodities carried in amphorae AD 600-1200. New research from Sicily

Drieu, L., Carver, M. O. H. & Craig, O. O., 2018, *Archeologia Medievale, XLV, 2018: I contenitori da trasporto altomedievali e medievali (VIII-XII secolo) nel Mediterraneo. Centri produttori, contenuti, reti di scambio*. Gelichi, S. & Molinari, A. (eds.). Vol. 45. p. 269-274 (*Archeologia Medievale*).

Calling all archaeologists: guidelines for terminology, methodology, data handling, and reporting when undertaking and reviewing stable isotope applications in archaeology

Roberts, P., Fernandes, R., Craig, O. E., Larsen, T., Lucquin, A., Swift, J. & Zech, J., 13 Dec 2017, (E-pub ahead of print) In: *Rapid communications in mass spectrometry*.

Reconstruction of prehistoric pottery use from fatty acid carbon isotope signatures using Bayesian inference

Fernandes, R., Eley, Y., Lucquin, A. J. A., Millard, A., Brabec, M. & Craig, O. E., 7 Dec 2017, (E-pub ahead of print) In: *Organic Geochemistry*. p. 31-42 117.

Exploring the emergence of an 'Aquatic' Neolithic in the Russian Far East: Organic residue analysis of early hunter-gatherer pottery from Sakhalin Island

Gibbs, K., Isaksson, S., Craig, O. E., Lucquin, A., Grishchenko, V. A., Farrell, T. F. G., Thompson, A., Kato, H., Vasilevski, A. A. & Jordan, P. D., 6 Dec 2017, (E-pub ahead of print) In: *Antiquity*. 91, 360, p. 1484-1500 17 p.

Pottery use by early Holocene hunter-gatherers of the Korean peninsula closely linked with the exploitation of marine resources

Shoda, S., Lucquin, A., Ahn, J. H., Hwang, C. J. & Craig, O. E., 15 Aug 2017, In: Quaternary Science Reviews. 170, p. 164-173 10 p.

Capturing Roman dietary variability in the catastrophic death assemblage at Herculaneum

Craig, O. E., 10 Aug 2017, (E-pub ahead of print) In: Journal of Archaeological Science Reports. p. 1-7 7 p.

The transition from foraging to farming (7000–500 cal BC) in the SE Baltic: A re-evaluation of chronological and palaeodietary evidence from human remains

Piličiauskas, G., Jankauskas, R., Piličiauskienė, G., Craig, O. E., Charlton, S. & Dupras, T., 1 Aug 2017, In: Journal of Archaeological Science Reports. 14, p. 530-542 13 p.

New criteria for the molecular identification of cereal grains associated with archaeological artefacts

Colonese, A. C., Hendy, J., Lucquin, A., Speller, C. F., Collins, M. J., Carrer, F., Gubler, R., Kühn, M., Fischer, R. & Craig, O. E., 26 Jul 2017, In: Scientific Reports. 7, 1, 8 p., 6633.

LATE MESOLITHIC NARVA STAGE IN ESTONIA: POTTERY, SETTLEMENT TYPES AND CHRONOLOGY

Kriiska, A., Oras, E., Lõugas, L., Meadows, J., Lucquin, A. J. A. & Craig, O. E., 20 Jun 2017, In: Eesti Arheoloogia Ajakiri: Journal of Estonian Archaeology. 21, 1, p. 52-86 35 p.

"土器残存脂質分析の成果と日本考古学への応用可能性"

Shoda, S. & Craig, O. E., 24 May 2017, In: Journal of the Japanese Archaeological Association. 43, p. 79-89 11 p.

The adoption of pottery by north-east European hunter-gatherers: Evidence from lipid residue analysis

Oras, E., Lucquin, A., Lõugas, L., Tõrv, M., Kriiska, A. & Craig, O. E., 1 Feb 2017, In: Journal of archaeological science. 78, p. 112-119 8 p.

The identification of poultry processing in archaeological ceramic vessels using in situ isotope references for organic residue analysis

Colonese, A. C., Lucquin, A. J. A., Craig, O. E., Von Tersch, M., Guedes, E., Thomas, R., Best, J., Fothergill, T. B., Sykes, N., Foster, A., Miller, H., Poole, K. & Maltby, M., Feb 2017, In: Journal of archaeological science. 78, p. 179-192

From Molecules to Clay Pot Cooking at the Archaic-Woodland Transition: A Glimpse from Two Sites in the Middle St. Lawrence Valley, QC

Tache, K., Burke, A. & Craig, O., 2017, In: Canadian Journal of Archaeology. 41, 2

First molecular and isotopic evidence of millet processing in prehistoric pottery vessels

Heron, C., Shoda, S., Breu Barcons, A., Czebreszuk, J., Eley, Y., Gorton, M., Kirleis, W., Kneisel, J., Lucquin, A., Müller, J., Nishida, Y., Son, J.-H. & Craig, O. E., 22 Dec 2016, In: Scientific Reports. 6, 9 p., 38767.

Regional asynchronicity in dairy production and processing in early farming communities of the northern Mediterranean

Debono Spiteri, C., Gillis, R. E., Roffet-Salque, M., Castells Navarro, L., Guilaine, J., Manen, C., Muntoni, I. M., Saña Seguí, M., Urem-Kotsou, D., Whelton, H. L., Craig, O. E., Vigne, J.-D. & Evershed, R. P., 29 Nov 2016, In: Proceedings of the National Academy of Sciences of the United States of America. 113, 48, p. 13594-13599 6 p.

Provenancing Archaeological Wool Textiles from Medieval Northern Europe by Light Stable Isotope Analysis ($\delta^{13}\text{C}$, $\delta^{15}\text{N}$, $\delta^2\text{H}$)

von Holstein, I. C. C., Walton Rogers, P., Craig, O. E., Penkman, K. E. H., Newton, J. & Collins, M. J., 20 Oct 2016, In: PLoS ONE. 11, 10, 27 p., e0162330.

Finding Britain's last hunter-gatherers: A new biomolecular approach to 'unidentifiable' bone fragments utilising bone collagen

Charlton, S. J. L., Alexander, M. M., Collins, M. J., Milner, N., Mellars, P., O'Connell, T. C., Stevens, R. E. & Craig, O. E., 1 Sept 2016, In: Journal of archaeological science. 73, p. 55-61 7 p.

Molecular and isotopic investigations of pottery and “charred remains” from Sannai Maruyama and Sannai Maruyama No. 9, Aomori Prefecture.

Heron, C., Habu, J., KATAYAMA OWENS, M., Ito, Y., Eley, Y., Lucquin, A. J. A., Radini, A., Saul, H. A., Debono Spiteri, C. & Craig, O. E., 28 Aug 2016, In: *Japanese Journal of Archaeology*. 4, 1, p. 29-52 24 p.

Early Neolithic genomes from the eastern Fertile Crescent

Broushaki, F., Thomas, M. G., Link, V., López, S., van Dorp, L., Kirsanow, K., Hofmanová, Z., Diekmann, Y., M. Cassidy, L., Díez-del-Molino, D., Kousathanas, A., Sell, C., Robson, H. K., Martiniano, R., Blöcher, J., Scheu, A., Kreutzer, S., Bollongino, R., Bobo, D. & Davudi, H. & 12 others, Munoz, O., Currat, M., Abdi, K., Biglari, F., Craig, O. E., G Bradley, D., Shennan, S., R Veeramah, K., Mashkour, M., Wegmann, D., Hellenthal, G. & Burger, J., 14 Jul 2016, In: *Science*. 353, 6298, p. 1-6 7 p.

Chemical analysis of pottery demonstrates prehistoric origin for high-altitude alpine dairying

Carrer, F., Colonese, A. C., Lucquin, A. J. A., Guedes, E., Thompson, A., Walsh, K. J., Reitmaier, T. & Craig, O. E., 21 Apr 2016, In: *PLoS ONE*. 11, 4, 11 p., e0151442.

Technological Analysis of the World's Earliest Shamanic Costume: A Multi-Scalar, Experimental Study of a Red Deer Headdress from the Early Holocene Site of Star Carr, North Yorkshire, UK

Little, A., Elliott, B., Conneller, C., Pomstra, D., Evans, A. A., Fitton, L. C., Holland, A., Davis, R., Kershaw, R., O'Connor, S., O'Connor, T., Sparrow, T., Wilson, A. S., Jordan, P., Collins, M. J., Colonese, A. C., Craig, O. E., Knight, R., Lucquin, A. J. A. & Taylor, B. & 1 others, Milner, N., 13 Apr 2016, In: *PLoS ONE*. 11, 4, e0152136.

Ancient lipids document continuity in the use of early hunter-gatherer pottery through 9,000 years of Japanese prehistory

Lucquin, A., Gibbs, K., Uchiyama, J., Saul, H., Ajimoto, M., Eley, Y., Radini, A., Heron, C. P., Shoda, S., Nishida, Y., Lundy, J., Jordan, P., Isaksson, S. & Craig, O. E., 12 Apr 2016, In: *Proceedings of the National Academy of Sciences of the United States of America*. 113, 15, p. 3991–3996 6 p.

Utilising phytanic acid diastereomers for the characterisation of archaeological lipid residues in pottery samples

Lucquin, A., Colonese, A. C., Farrell, T. F. G. & Craig, O. E., 10 Feb 2016, In: *Tetrahedron Letters*. 57, 6, p. 703-707 5 p.

Feeding Stonehenge: cuisine and consumption at the Late Neolithic site of Durrington Walls

Craig, O. E., Shillito, L. M., Albarella, U., Viner-Daniels, S., Chan, B., Cleal, R., Ixer, R., Jay, M., Marshall, P., Simmons, E., Wright, E. & Pearson, M. P., 9 Oct 2015, In: *Antiquity*. 89, 347, p. 1096–1109 14 p.

Archaeological bone lipids as palaeodietary markers

Colonese, A. C., Farrell, T. F. G., Lucquin, A. J. A., Firth, D., Charlton, S. J. L., Robson, H. K., Alexander, M. M. & Craig, O. E., 26 Jul 2015, In: *Rapid Communications in Mass Spectrometry*. 29, 7, p. 611-618 8 p.

Cooperative harvesting of aquatic resources triggered the beginning of pottery production in north-eastern North America

Tache, K. & Craig, O. E., 30 Jan 2015, In: *Antiquity*. 89, 343, p. 177-190 14 p.

Aquatic Resources in Foodcrusts: Identification and Implication

Craig, O. E. & Heron, C., 2015, (Accepted/In press) In: *Radiocarbon*. 57, 4

Carbon and nitrogen stable isotope values in freshwater, brackish and marine fish bone collagen from Mesolithic and Neolithic sites in central and northern Europe

Robson, H. K., Andersen, S. H., Clarke, L., Craig, O. E., Gron, K., Jones, A., Karsten, P., Milner, N., Price, T. D., Ritchie, K., Zabiłska-Kunek, M. & Heron, C., 2015, In: *Environmental Archaeology*. p. 1-14 14 p.

Cooking fish and drinking milk? Patterns in pottery use in the southeastern Baltic, 3300-2400 Cal BC

Heron, C., Craig, O. E., Lucquin, A. J. A., Steele, V. J., Thompson, A. & Piličiauskas, G., 2015, In: *Journal of archaeological science*. 63, p. 33-43 11 p.

Direct evidence of milk consumption from ancient human dental calculus

Warinner, C., Hendy, J. R., Speller, C. F., Cappellini, E., Fischer, R., Trachsel, C., Arneborg, J., Lynnerup, N., Craig, O. E., Swallow, D., Fotakis, A., Christensen, R., Olsen, J., Liebert, A., Montalva, N., Fiddyment, S., Charlton, S. J. L., Mackie, M., Canci, A. & Bouwman, A. & 3 others, Rühli, F., Gilbert, M. T. P. & Collins, M. J., 27 Nov 2014, In: Scientific Reports. 4, 6 p., 7104.

Long-term resilience of late Holocene coastal subsistence system in southeastern South America

Colonese, A. C., Collins, M. J., Lucquin, A. J. A., Eustace, M., Hancock, Y., De Almeida Rocha Ponzoni, R., Smith, C., Mora, A., DeBalasis, A. P. D., Figuti, L., Wesolowski, V., Plens, C., Eggers, S., Farias, D., Gledhill, A. & Craig, O. E., 9 Apr 2014, In: PLoS ONE. 9, 8, e93854.

Specialized Processing of Aquatic Resources in Prehistoric Alaskan Pottery? A Lipid-Residue Analysis of Ceramic Sherds from the Thule-Period Site of Nunalleq, Alaska

Farrell, T. F. G., Jordan, P., Taché, K., Lucquin, A., Gibbs, K., Jorge, A., Britton, K., Craig, O. E. & Knecht, R., 1 Jan 2014, In: Arctic Anthropology. 51, 1, p. 86-100 15 p.

Assessment report for Star Carr: excavations 2014

Milner, N., Bamforth, M. G., Knight, B., Taylor, B., Panter, I., Elliott, B., Little, A. P., Croft, S. C. K., Taylor, M., Craig, O. E., Rowley, C. C. A. & French, C., 2014, (Unpublished) University of York.

Biomolecular and isotopic characterisation of lipid residues absorbed in Impressed Wares from the Early Neolithic village of Skorba, Malta

Debono Spiteri, C. & Craig, O. E., 2014, In: Malta Archaeological Review. 10, p. 10-22 13 p.

Stewing on a Theme of Cuisine: Biomolecular and Interpretive Approaches to Culinary Changes at the Transition to Agriculture

Saul, H. A., Glycou, A. & Craig, O. E., 2014, In: Proceedings of the British Academy. Proceedings of the British Academy, 198

Comparison of isotopic variability in proteinaceous tissues of a domesticated herbivore: a baseline for zooarchaeological investigation

Holstein, I., Hamilton, J., Craig, O., Newton, J. & Collins, M., 15 Dec 2013, In: Rapid Communications in Mass Spectrometry. 27, 23, p. 2601-2615

Evaluating marine diets through radiocarbon dating and stable isotope analysis of victims of the AD79 eruption of Vesuvius

Craig, O. E., Bondioli, L., Fattore, L., Higham, T. & Hedges, R., Nov 2013, In: American Journal of Physical Anthropology. n/a, 3, p. n/a 8 p.

Phytoliths in Pottery Reveal the Use of Spice in European Prehistoric Cuisine

Saul, H., Madella, M., Fischer, A., Glykou, A., Hartz, S. & Craig, O. E., 21 Aug 2013, In: PLoS ONE. 8, 8, p. 1-5 e70583 EP .

Palaeobiology of the Medieval Population of Albano (Rome, Italy): A Combined Morphological and Biomolecular Approach

Ciaffi, R., Lelli, R., Müldner, G., Stantcheva, K., Fischetti, A. L., Ghini, G., Craig, O. E., Milano, F., Rickards, O., Arcudi, G. & Martínez-Labarga, C., 15 May 2013, In: International Journal of Osteoarchaeology. 25, 4, p. 477-488 12 p.

Earliest evidence for the use of pottery

Craig, O. E., Saul, H., Lucquin, A., Nishida, Y., Taché, K., Clarke, L., Thompson, A., Altoft, D. T., Uchiyama, J., Ajimoto, M., Gibbs, K., Isaksson, S., Heron, C. P. & Jordan, P., 10 Apr 2013, In: Nature. 496, 7445, p. 351-354 4 p.

Illuminating the Late Mesolithic: Residue analysis of 'blubber' lamps from Northern Europe

Heron, C., Steele, V., Andersen, S., Fischer, A., Glykou, A., Hartz, S., Saul, H. & Craig, O., 1 Mar 2013, In: Antiquity. 87, 335, p. 178-188 11 p.

Eel fishing in the Late Mesolithic and the Early Neolithic: a preliminary report from the stratified kitchen midden at Havnø, Denmark

Robson, H. K., Andersen, S. H., Craig, O. E. & Ritchie, K., 2013, In: *Archaeofauna*. 22, p. 167-178

Neolithic transition in central and southeastern Italy: an isotopic approach

Scorrano, G., Lelli, R., De Angelis, F., Biondi, G., Brilli, M., Calattini, M., Barbaro, C. C., Craig, O. E., Gorgoglione, M. A. & Manfredini, A., 2013, In: *American Journal of Physical Anthropology*. 150, p. 247-248

A systematic approach to the recovery and identification of starches from carbonised deposits on ceramic vessels

Saul, H., Wilson, J., Heron, C. P., Glykou, A., Hartz, S. & Craig, O. E., Dec 2012, In: *Journal of archaeological science*. 39, 12, p. 3483–3492 10 p., 39.

Examining dietary variability of the earliest farmers of South-Eastern Italy

Lelli, R., Allen, R., Biondi, G., Calattini, M., Barbaro, C. C., Gorgoglione, M. A., Manfredini, A., Martínez-Labarga, C., Radina, F., Silvestrini, M., Tozzi, C., Rickards, O. & Craig, O. E., Nov 2012, In: *American journal of physical anthropology*. 149, 3, p. 380-390 11 p.

Distinguishing wild ruminant lipids by gas chromatography/combustion/isotope ratio mass spectrometry

Craig, O. E., Allen, R. B., Thompson, A., Stevens, R. E., Steele, V. J. & Heron, C., 15 Oct 2012, In: *Rapid Communications in Mass Spectrometry*. 26, 19, p. 2359-2364 6 p.

Carbon and nitrogen isotope signals in eel bone collagen from Mesolithic and Neolithic sites in northern Europe

Robson, H. K., Andersen, S. H., Craig, O. E., Fischer, A., Glykou, A., Hartz, S., Lübke, H., Schmölcke, U. & Heron, C., Jul 2012, In: *Journal of archaeological science*. 39, 7, p. 2003 - 2011 9 p.

DNA in ancient bone - Where is it located and how should we extract it?

Campos, P. F., Craig, O. E., Turner-Walker, G., Peacock, E., Willerslev, E. & Gilbert, M. T. P., 20 Jan 2012, In: *Annals of anatomy-Anatomischer anzeiger*. 194, 1, p. 7-16 10 p.

A chlorite container found on the surface of Shahdad (Kerman, Iran) and its cosmetic content

Craig, O. E., 2012, In: *Iran*. 50, 1, p. 27-44

An Corran, Staffin, Skye: a Rockshelter with Mesolithic and Later Occupation: Isotope analysis

Milner, N. & Craig, O. E., 2012, In: *Scottish Archaeological Internet Reports*. 51

Ancient lipids reveal continuity in culinary practices across the transition to agriculture in Northern Europe

Craig, O. E., Steele, V. J., Fischer, A., Hartz, S., Andersen, S. H., Donohoe, P., Glykou, A., Saul, H., Jones, D. M., Koch, E., Heron, C. P. & Collins, M. J., 1 Nov 2011, In: *Proceedings of the National Academy of Sciences of the United States of America*. 108, 44, p. 17910-17915 6 p.

Construction of the Khoja Zaynuddin Mosque: use of animal glue modified with urine

CHAMBERLAIN, P., DREWELLO, R., KORN, L., BAUER, W., GOUGH, T., AL-FOUZAN, A., Collins, M., van DOORN, N., CRAIG, O. & HERON, C., 17 Jan 2011, In: *Archaeometry*. 53, 4, p. 830-841 12 p.

Stable isotope analysis of Late Upper Palaeolithic human and faunal remains from Grotta del Romito (Cosenza), Italy

Craig, O. E., Biazzo, M., Colonese, A. C., Di Giuseppe, Z., Martínez-Labarga, C., Lo Vetro, D., Lelli, R., Martini, F. & Rickards, O., Oct 2010, In: *Journal of archaeological science*. 37, 10, p. 2504-2512 9 p.

Application of lipid biomarker analysis to evaluate the function of 'slab-lined pits' in Arctic Norway

Heron, C., Nilsen, G., Stern, B., Craig, O. E. & Nordby, C., Sept 2010, In: *Journal of archaeological science*. 37, 9, p. 2188-2197 10 p.

Water-Related Occupations and Diet in Two Roman Coastal Communities (Italy, First to Third Century AD): Correlation Between Stable Carbon and Nitrogen Isotope Values and Auricular Exostosis Prevalence

Crowe, F., Sperduti, A., O'Connell, T. C., Craig, O. E., Kirsanow, K., Germoni, P., Macchiarelli, R., Garnsey, P. & Bondioli, L., Jul 2010, In: *American Journal of Physical Anthropology*. 142, 3, p. 355-366 12 p.

Stable isotope analysis of Late Upper Palaeolithic humans and fauna remains from Grotta del Romito (Cosenza), Italy
Craig, O. E., Biazzo, M., Colonese, A. C., Di Giuseppe, Z., Martinez-Labarga, C., Lo Vetro, D., Lelli, D. & Martin, F., 2010, In: *Journal of archaeological science*. 37, 10, p. 2504-2512

Mysteries of the middens: change and continuity across the Mesolithic Neolithic transition

Milner, N. & Craig, O. E., 10 Sept 2009, *Land and People. Papers in Honour of John G. Evans*. Allen, M. J., Sharples, N. & O'Connor, T. (eds.). Oxford: Oxbow Books, p. 169-180 (Prehistoric Society Research Paper ; no. 2).

Stable isotopic evidence for diet at the Imperial Roman coastal site of Velia (1st and 2nd centuries AD) in Southern Italy

Craig, O. E., Biazzo, M., O'Connell, T. C., Garnsey, P., Martinez-Labarga, C., Lelli, R., Salvadei, L., Nava, A., Renò, L., Rickards, O. & Bondioli, L., Aug 2009, In: *American Journal of Physical Anthropology*. 139, 4, p. 572-83 12 p.

Norway's first exploitation of oil? The processing of marine mammal blubber in slab-lined pits

Heron, C., Nilsen, G., Stern, B., Craig, O. E. & Nordby, C., Jun 2009, In: *Geochimica et Cosmochimica Acta*. 73, 13, p. A525-A525 1 p.

Archaeological collagen: Why worry about collagen diagenesis?

Dobberstein, R. C., Collins, M. J., Craig, O. E., Taylor, G., Penkman, K. E. H. & Ritz-Timme, S., 26 Feb 2009, In: *Archaeological and Anthropological Sciences*. 1, 1, p. 31-42 12 p.

Preservation of ancient DNA in thermally damaged archaeological bone

Ottoni, C., Koon, H. E. C., Collins, M. J., Penkman, K. E. H., Rickards, O. & Craig, O. E., Feb 2009, In: *Naturwissenschaften*. 96, 2, p. 267-278 12 p.

Diet and water-related occupations in two Roman coastal communities (Italy, I-III cent. AD): orrelation between stable carbon and nitrogen isotope values and auricular exostosis prevalence

Crowe, F., O'Connell, T. C., Craig, O. E., Kirsanow, K., Germoni, P., Macchiarelli, R., Garnsey, P. & Bondioli, L., 2009, In: *American Journal of Physical Anthropology*. 142, p. 356-66

Isotopic Analysis of Faunal Material from South Uist, Western Isles, Scotland

Mulville, J., Madgwick, R., Stevens, R., O'Connell, T., Craig, O. E., Powell, A., Sharples, N. & Parker Pearson, M., 2009, In: *Journal of the North Atlantic*. 2, 1, p. 51-59 8 p.

Historical Ecology of the North Sea Basin: an archaeological perspective and some problems of methodology

Bailey, G., Barrett, J., Craig, O. E. & Milner, N., 2008, *Human Impacts on Ancient Marine Ecosystems*. Rick, T. & Erlandson, J. (eds.). Berkeley, Los Angeles and London: University of California Press, p. 215-42

Stable isotope evidence for the consumption of millet and other plants in Bronze Age Italy

Tafuri, M., Craig, O. E. & Canci, A., 2008, In: *American Journal of Physical Anthropology*. 139, p. 146-53 8 p.

Molecular and Isotopic Demonstration of the Processing of Aquatic Products in Northern European Prehistoric Pottery

Craig, O. E., Forster, M., Andersen, S. H., Koch, E., Crombé, P., Milner, N. J., Stern, B., Heron, C. P. & Bailey, G., 20 Feb 2007, In: *Archaeometry*. 49, 1, p. 135-142 7 p.

Introduction to the analysis of protein residues in archaeological ceramics

Barnard, H., Shoemaker, L., Craig, O. E., Rider, M., Parr, R. E., Sutton, M. Q. & Yohe II, R. M., 2007, *Theory and practice of archaeological residue analysis*. Barnard, H. & Erkens, J. W. (eds.). Oxford: Archaeopress, p. 216-31 (British Archaeological Reports (International Series); no. 1650).

Organic residue analysis of pottery vessels

Craig, O. E., Heron, C. P., Willis, A., Yusof, N. N. H. A. & Taylor, G., 2007, *The Early Neolithic on the Great Hungarian Plain: investigations of the Körös culture site of Ecsefalva 23*. University of Cardiff

Residue analysis of ceramics from prehistoric shell middens: initial investigations at Norsminde and Bjørnsholm

Heron, C. P., Craig, O. E., Forster, M. & Stern, B., 2007, *Shell Middens in Atlantic Europe*. Milner, N., Craig, O. E. & Bailey, G. N. (eds.). Oxford: Oxbow Books

Shell Middens in Atlantic Europe

Milner, N. (Editor), Craig, O. E. (Editor) & Bailey, G., 2007, Oxford: Oxbow Books.

Shell middens in Atlantic Europe.

Milner, N., Craig, O. E. & Bailey, G., 2007, *Shell middens in Atlantic Europe..* Oxbow Books, p. 1-6 p.

Focus: sulphur isotope variation in archaeological marine fauna from northern Europe

Craig, O. E., Ross, R., Andersen, S. H., Milner, N. & Bailey, G. N., Nov 2006, In: *Journal of archaeological science*. 33, 11, p. 1642-1646 5 p.

Touch not the fish: the Mesolithic-Neolithic change of diet and its significance - A response to Richards and Schulting

Milner, N., Craig, O. E., Bailey, G. N. & Andersen, S. H., Jun 2006, In: *Antiquity*. 80, 308, p. 456-458 3 p.

Beyond the grave: variability in Neolithic diets in Southern Germany?

Durrwachter, C., Craig, O. E., Collins, M. J., Burger, J. & Alt, K. W., Jan 2006, In: *Journal of archaeological science*. 33, 1, p. 39-48 10 p.

El desenvolupament de la producció de llet a Europa: l'evidència a partir dels residus d'aliments a les ceràmiques

Craig, O. E., 2006, In: *Cota Zero*. 21, p. 74-86 12 p.

Palaeodietary records of coastal Mediterranean populations

Craig, O. E., Biazzo, M. & Tafuri, M., 2006, In: *Journal of Mediterranean Studies*. 16, p. 63-77

Did the first farmers of central and eastern Europe produce dairy foods?

Craig, O. E., Chapman, J., Heron, C., Willis, L. H., Bartosiewicz, L., Taylor, G., Whittle, A. & Collins, M., Dec 2005, In: *Antiquity*. 79, 306, p. 882-894 13 p.

Evidence for mummification in Bronze Age Britain

Pearson, M. P., Chamberlain, A., Craig, O., Marshall, P., Mulville, J., Smith, H., Chenery, C., Collins, M., Cook, G., Craig, G., Evans, J., Hiller, J., Montgomery, J., Schwenninger, J. L., Taylor, G. & Wess, T., Sept 2005, In: *Antiquity*. 79, 305, p. 529-546 18 p.

Diagenesis and survival of osteocalcin in archaeological bone

Smith, C. I., Craig, O. E., Prigodich, R. V., Nielsen-Marsh, C. M., Jans, M. M. E., Vermeer, C. & Collins, M. J., Jan 2005, In: *Journal of archaeological science*. 32, 1, p. 105-113 9 p.

The identification of prehistoric dairying activities in the Western Isles of Scotland: an integrated biomolecular approach

Craig, O. E., Taylor, G., Mulville, J., Collins, M. J. & Pearson, M. P., Jan 2005, In: *Journal of archaeological science*. 32, 1, p. 91-103 13 p.

Economy & diet at the Late Bronze Age - Iron Age site of Cica: artefactual, archaeozoological & biochemical analyses

Privat, K. L., Schneeweiß, J., Benecke, N., Vasil'ev, S. K., O'Connell, T. C., Hedges, R. E. M. & Craig, O. E., 2005, In: *Eurasia Antiqua*. 11, p. 419-448

The white stuff: milking in the Outer Scottish Isles

Craig, O. E., 2005, *The Zooarchaeology of Fats, Oils, Milk and Dairying*. Mulville, J. & Outram, A. (eds.). Oxford: Oxbow Books, p. 167-82

Something fishy in the Neolithic? A re-evaluation of stable isotope analysis of Mesolithic and Neolithic coastal populations.
Milner, N., Craig, O. E., Pedersen, K., Bailey, G. & Andersen, S. H., Mar 2004, In: *Antiquity*. 78, 299, p. 9-22 13 p.

Organic analysis of «ood crusts from sites in the Schelde valley, Belgium: a preliminary evaluation
Craig, O. E., 2004, In: *Notae Praehistoricae* . 24, p. 209-17

Stable carbon isotopic characterisation of free and bound lipids in archaeological ceramic vessels released by solvent extraction, alkaline saponification and catalytic hydrolysis
Craig, O. E., Love, G. D., Isaksson, S., Taylor, S. & Snape, C. E., 2004, In: *Journal of Analytical and Applied Pyrolysis* . 71, p. 613-34

'Milk Jugs' and other Myths of the Copper Age of Central Europe
Craig, O. E., Figler, A., Patay, P., Collins, M. J., Chapman, J. & Taylor, G., 2003, In: *European Journal of Archaeology*. 6, 3, p. 251-265 14 p.

Dairying, dairy products and milk residues
Craig, O. E., 2003, *Food, culture and identity on the Neolithic and Early Bronze Age*. Pearson, M. P. (ed.). Oxford: Archaeopress, p. 89-96 (British Archaeological Reports (International Series); no. 117).

Ernährungsrekonstruktion in neolithischen Populationen anhand der Analyse stabiler Isotope: Trebur (HST/GG) und Herxheim (späte LBK)
Dürrwächter, C., Craig, O. E., Taylor, G., Collins, M. J., Burger, J. & Alt, K. W., 2003, In: *Berichte der Kommission für Archäologische Landesforschung in Hessen*. 7, 2002/2003, p. 41-52

Rekonstruktion der Ernährungsweise in der mittel- und frühneolithischen Bevölkerungen von Trebur/Hessen und Herheim/Pfalz anhand der Analyse Stabiler Isotope
Dürrwächter, C., Craig, O. E., Taylor, G., Collins, M. J., Burger, J. & Alt, K. W., 2003, In: *Bulletin de la Société Suisse Anthropologie* . 9, p. 1-16

The removal of protein from mineral surfaces: implications for residue analysis of archaeological materials
Craig, O. E. & Collins, M. J., Oct 2002, In: *Journal of archaeological science*. 29, 10, p. 1077-1082 5 p.

Ancient proteins degradation and analysis
Gernaey, A. M., Waite, E. R., Collins, M. J., Craig, O. E. & Sokol, R. J., 2001, *Handbook of Archaeological sciences* . Pollard, M. & Brothwell, D. (eds.). Chichester: Wiley-Blackwell, p. 323-331

The Ancient Potsherd: A unique environment for protein survival?
Craig, O. E., Collins, M. J. & Stacey, R. J., 2001, *British Archaeological reports 2001*. Oxford: Archaeopress, p. 47-52 (British Archaeology Reports (International Series); no. 939).

The Development of Dairying in Europe: potential evidence from food residues on ceramics
Craig, O. E., 2001, In: *Documenta Praehistorica*. 29, p. 97-107

Archaeology - Detecting milk proteins in ancient pots
Craig, O., Mulville, J., Pearson, M. P., Sokol, R., Gelsthorpe, K., Stacey, R. & Collins, M., 16 Nov 2000, In: *Nature*. 408, 6810, p. 312-312 1 p.

Detecting milk proteins in ancient pots
Craig, O., Parker Pearson, M., Sokol, R., Gelsthorpe, K., Stacey, R., Collins, M. J. & Mulville, J., 16 Nov 2000, In: *Nature*. 408, 6810, p. 312

An improved method for the immunological detection of mineral bound protein using hydrofluoric acid and direct capture
Craig, O. E. & Collins, M. J., 6 Mar 2000, In: *Journal of Immunological Methods*. 236, 1-2, p. 89-97 8 p.

Determining the human origin of fragments of burnt bone: A comparative study of histological, immunological and DNA techniques

Cattaneo, C., Dimartino, S., Scali, S., Craig, O. E., Grandi, M. & Sokol, R. J., 1999, In: Forensic Science International. 102, p. 181-191 10 p.

A preliminary investigation of DNA stability in bone during artificial diagenesis

Waite, E. R., Child, A. M., Craig, O. E., Collins, M. J., Gelsthorpe, K. & Brown, T. A., 1997, In: Bulletin de la Société Géologique de France. 168, p. 547-554 7 p.

Comparison of three DNA extraction methods on bone and bloodstains up to 43 years old and amplification of three different gene sequences

Cattaneo, C., Craig, O. E., James, N. T. & Sokol, R. J., 1997, In: JOURNAL OF FORENSIC SCIENCES. 42, p. 1126-1135 10 p.

Activities

UKRI Talent Peer Review College (External organisation)

Craig, O. E. (Advisor)
2020 → ...

Searching for invisible cuisines: towards the identification of artefacts associated with plant processing in the past

Craig, O. O. (Chair)
5 Apr 2019

Evaluating the origins, motivations and implications of early pottery use by hunter-gatherers of the Eastern Baltic

Craig, O. O. (Chair)
7 Sept 2018

Festival of Ideas 2018

Carver, M. O. H. (Invited speaker), Craig, O. E. (Invited speaker), Drieu, L. (Host), Ughi, A. (Host), Lundy, J. L. (Host) & Monnereau, A. M. R. (Host)
16 Jun 2018

Commodities carried in amphorae AD 600-1200 New research from Sicily

Carver, M. O. H. (Invited speaker), Drieu, L. (Invited speaker) & Craig, O. E. (Invited speaker)
15 Nov 2017

Commodities carried in amphorae AD600-1200

Carver, M. O. H. (Invited speaker), Drieu, L. (Invited speaker) & Craig, O. E. (Invited speaker)
2017

Radiocarbon & Diet

Craig, O. E. (Chair)
24 Sept 2015

Meso 2015

Milner, N. (Presenter), Charlton, S. J. L. (Presenter), Alexander, M. M. (Presenter), O'Connell, T. C. (Presenter), Stevens, R. (Presenter) & Craig, O. E. (Presenter)
14 Sept 2015 → 18 Sept 2015

Association of Archaeological Wear and Residue Analysts

Milner, N. (Presenter), Little, A. P. (Presenter), Croft, S. C. K. (Presenter) & Craig, O. E. (Presenter)
15 May 2015 → 30 May 2015

Society of American Archaeology annual conference 2015

Milner, N. (Presenter), Little, A. P. (Presenter), Conneller, C. (Presenter), Rowley, C. C. A. (Presenter), French, C. (Presenter), Taylor, B. (Presenter), Needham, A. (Presenter), Birchenhall, J. (Presenter), Conti, M. (Presenter), Croft, S. C. K. (Presenter), Fletcher, L. (Presenter), Collins, M. J. (Presenter), Craig, O. E. (Presenter) & Pomstra, D. (Presenter)
13 Apr 2015

UK Archaeological Science conference

Craig, O. E. (Chair)
10 Apr 2015

YorkTalks - "Why the world went to pot"

Craig, O. E. (Speaker)
7 Jan 2015

Molecular Archaeology: investigating diet, food and cuisine from Stonehenge to the Jōmon? ca. 200 attendees. Not chargeable.. One week staff time.

Craig, O. E. (Speaker)
25 Oct 2014

Food culture in Prehistoric East Asia

Craig, O. E. (Speaker)
24 Oct 2014

European Association of Archaeologists Conference 2014

Milner, N. (Presenter), Conneller, C. (Presenter), Taylor, B. (Presenter), Rowley, C. C. A. (Presenter), Little, A. P. (Presenter), Croft, S. C. K. (Presenter), French, C. (Presenter), Craig, O. E. (Presenter) & Saul, H. A. (Presenter)
10 Sept 2014 → 14 Sept 2014

Cusine and Feasting at Stonehenge

Craig, O. E. (Speaker)
12 Nov 2013

14th Annual Conference of the British Association for Biological Anthropology and Osteoarchaeology

Craig, O. E. (Member of programme committee)
13 Sept 2013 → 15 Sept 2013

UK Archaeological Science

Craig, O. E. (Chair)
11 Apr 2013 → 14 Apr 2013

Society for American Archaeology

Craig, O. E. (Participant)
6 Apr 2013

Research Agenda for the Mesolithic in England

Craig, O. E. (Contributor)
10 Dec 2012

Nutrition and Well-Being in the Roman World: The Evidence from Human Bones

Craig, O. E. (Invited speaker)
10 Nov 2012

Scientific Methods in Archaeology

Craig, O. E. (Keynote/plenary speaker)

27 Sept 2012 → 29 Sept 2012

Scientific methods in Archaeology

Craig, O. E. (Keynote/plenary speaker)
27 Sept 2012

Production of panel content for the Yorvik Centre Museum

Craig, O. E. (Contributor)
1 Dec 2011

UK Archaeological Science

Craig, O. E. (Chair)
15 Sept 2011 → 18 Sept 2011

CSI Archaeology Public lecture National Museum of Scotland

Craig, O. E. (Speaker)
10 Sept 2011

From Foraging to Farming in Northern Europe: the impact of scientific approaches

Craig, O. E. (Organiser)
12 Apr 2011

Third International Symposium on Biomolecular Archaeology

Craig, O. E. (Organiser)
14 Sept 2008 → 16 Sept 2008

NERC peer review college (External organisation)

Craig, O. E. (Advisor)
2008 → 2012

Diet and migration in Mediterranean prehistory: a methodological reappraisal

Craig, O. E. (Organiser)
10 Mar 2006

UK Archaeological Science

Craig, O. E. (Member of programme committee)
29 Aug 2001 → 1 Sept 2001

Awards

Unlocking culinary records from prehistoric Britain through the analysis of charred food remains

Gonzalez Carretero, L. (Principal investigator), Craig, O. E. (Co-investigator) & Green, K. L. (Co-investigator)
AHRC: £238,726.43
1/06/25 → 31/05/28

Projects

URP 2019-20 (Strategic Capital) SEM-EDX: New Frontiers in Environmental and Heritage Science at York

Little, A. P. (Principal investigator), Kroger, R. (Co-investigator), White, M. J. (Co-investigator), Brown, S. E. (Co-investigator), Craig, O. E. (Co-investigator), O'Higgins, P. (Co-investigator), Penkman, K. E. H. (Co-investigator), Hodson, M. E. (Co-investigator) & Gehrels, W. R. (Co-investigator)
1/08/19 → 31/07/20

(ERC-StG-2018) ENCOUNTER: Demography, Cultural change, and the Diffusion of Rice and Millet during the Jomon-Yayoi transition in prehistoric Japan

Craig, O. E. (Principal investigator)

EUROPEAN COMMISSION

1/04/19 → 30/11/24

ARISE: Agriculture Revolution in Southern Europe

Craig, O. E. (Principal investigator)

EUROPEAN COMMISSION

1/10/07 → 30/09/10

ArchSci2020: Archaeology on the Edge: Northern Europe and the Circumpolar World

Craig, O. E. (Principal investigator), Alexander, M. M. (Co-investigator), Ashby, S. (Co-investigator), Collins, M. J. (Co-investigator), Holst, M. (Co-investigator), Penkman, K. E. H. (Co-investigator) & Speller, C. F. (Co-investigator)

EUROPEAN COMMISSION

1/04/16 → 31/03/21

Bioarch-HS

Craig, O. E. (Principal investigator), Alexander, M. M. (Co-investigator), Hendy, J. R. (Co-investigator), Penkman, K. E. H. (Co-investigator) & Wales, N. A. (Co-investigator)

AHRC

30/09/24 → 29/09/26

CERAM: First Ceramics of Atlantic Europe: Manufacture and Function

Craig, O. E. (Principal investigator) & Cubas Morera, M. (Co-investigator)

EUROPEAN COMMISSION

1/10/15 → 30/09/17

CERES, MC IIF Karine Tache: Ceramic Residues to the economic and social context of early pottery use in North Eastern North America

Craig, O. E. (Principal investigator)

EUROPEAN COMMISSION

1/09/11 → 31/08/13

Chicken Coop

Craig, O. E. (Principal investigator), Collins, M. J. (Co-investigator) & O'Connor, T. (Co-investigator)

AHRC

6/01/14 → 30/06/17

Coastal shell middens and agricultural origins in Atlantic Europe

Bailey, G. (Principal investigator), Milner, N. (Co-investigator) & Craig, O. E. (Researcher)

AHRC

1/10/04 → 31/05/06

Consuming Prehistory: feeding Stonehenge follow-on-fund

Craig, O. E. (Principal investigator)

AHRC

1/12/17 → 1/03/19

Counter Culture: investigating Neolithic social diversity

Bickle, P. (Principal investigator) & Craig, O. E. (Co-investigator)

AHRC

1/04/18 → 31/03/21

DREGS

Wales, N. A. (Principal investigator) & Craig, O. E. (Co-investigator)

EUROPEAN COMMISSION

1/09/19 → 31/08/21

EPIC: Eredità biologica e culturale lungo 30 mila anni nella popolazione italiana centro-meridionale.

Craig, O. E. (Other)

1/03/13 → 31/03/15

FISHARC

Craig, O. E. (Principal investigator), Collins, M. J. (Co-investigator), Colonese, A. C. (Co-investigator), Llorente-Rodriguez, L. (Co-investigator) & Speller, C. F. (Co-investigator)

EUROPEAN COMMISSION

1/10/15 → 31/08/17

Feeding stonehenge: provisioning henges and households in southern Britain in the 3rd millenium BC

Craig, O. E. (Principal investigator)

AHRC

8/02/10 → 13/06/13

H2020- IF - OVINE: Ovine Variation in Estonia-Rannamae

Speller, C. F. (Principal investigator), Collins, M. J. (Co-investigator), Craig, O. E. (Co-investigator) & Orton, D. C. (Co-investigator)

EUROPEAN COMMISSION

1/05/17 → 30/04/19

INDUCE: The innovation, Diaspora and Use of Ceramics in Eurasia

Craig, O. E. (Principal investigator)

EUROPEAN COMMISSION

1/09/16 → 28/02/23

ITN-2020-ChemArch (EJD)

Craig, O. E. (Principal investigator), Hendy, J. R. (Co-investigator), Little, A. P. (Co-investigator), Penkman, K. E. H. (Co-investigator), Thomas-Oates, J. E. (Co-investigator) & Wales, N. A. (Co-investigator)

EUROPEAN COMMISSION

1/03/21 → 28/02/25

Integrating Platforms for the European Research Infrastructure on Heritage Science

Craig, O. E. (Principal investigator)

EUROPEAN COMMISSION

1/04/20 → 31/03/24

MELTING POT: Food And Identity In The Age Of The Vikings

Ashby, S. (Principal investigator) & Craig, O. E. (Co-investigator)

AHRC

1/05/16 → 30/10/18

MSCA_IF-2017: NEOMEDIS: NEOLithic MEDiterranean diet through stable ISotope analysis

Craig, O. E. (Principal investigator) & Fontanals-Coll, M. (Co-investigator)

EUROPEAN COMMISSION

1/04/19 → 28/06/21

Neolithic Seafaring and Maritime Technologies Shaped a New World of Megalithic Societies (4500-3500 cal BC) NEOSEA

Craig, O. E. (Principal investigator)

EUROPEAN COMMISSION

1/05/24 → 30/04/25

PONTE: Shinya Shoda Marie Curie Fellowship (IIF)

Craig, O. E. (Principal investigator) & Shoda, S. (Co-investigator)

EUROPEAN COMMISSION

1/09/14 → 31/08/16

PaleoMIX Nurturing Heritage Science with Novel Bioarchaeological Methods in the Eastern Baltics

Craig, O. E. (Principal investigator)

EUROPEAN COMMISSION

1/01/23 → 31/12/25

PlantCult: Identifying the Plant-food Cultures of Ancient Europe

Craig, O. E. (Principal investigator)

EUROPEAN COMMISSION

1/09/18 → 31/12/20

Rethinking the green revolution in the western Mediterranean

Alexander, M. M. (Principal investigator), Craig, O. E. (Co-investigator) & Wales, N. A. (Co-investigator)

EUROPEAN COMMISSION

1/06/23 → 31/05/29

SEACHANGE: Quantifying the impact of major cultural transitions on marine ecosystem functioning and biodiversity

Craig, O. E. (Principal investigator), Milner, N. (Co-investigator), Orton, D. C. (Co-investigator) & Penkman, K. E. H. (Co-investigator)

EUROPEAN COMMISSION

1/10/20 → 30/09/27

SICTRANSIT: The Archaeology of Regime Change: Sicily in Transition

Carver, M. O. H. (Principal investigator), Alexander, M. M. (Co-investigator), Craig, O. E. (Co-investigator), Speller, C. F. (Co-investigator) & Thomas-Oates, J. E. (Co-investigator)

EUROPEAN COMMISSION

1/08/16 → 31/01/23

TECUS: Technology and Use of Neolithic Pottery from North Macedonia

Bickle, P. (Principal investigator) & Craig, O. E. (Co-investigator)

EUROPEAN COMMISSION

1/10/23 → 30/09/25

TECUS: Technology and Use of Neolithic Pottery from North Macedonia

Burke, C. (Principal investigator), Bickle, P. (Co-investigator) & Craig, O. E. (Co-investigator)

1/10/23 → 1/10/25

The innovation and development of pottery in East Asia

Craig, O. E. (Principal investigator)

AHRC

12/05/14 → 11/05/17

Understanding and exploiting a nitrogen-fixing endophyte for enhancing sustainability and productivity of vertical farming

Denby, K. (Principal investigator), Craig, O. E. (Co-investigator), Harper, A. L. (Co-investigator) & O'Toole, P. J. (Co-investigator)

BBSRC (BIOTECHNOLOGY AND BIOLOGICAL SCIENCES RESEARCH COUNCIL)

1/04/24 → 31/03/27

Unlocking culinary records from prehistoric Britain through the analysis of charred food remains

Gonzalez Carretero, L. (Principal investigator), Craig, O. E. (Co-investigator) & Green, K. L. (Co-investigator)

AHRC

1/06/25 → 31/05/28

[MSCA-IF-2020] CATCOW: Corded-Ware cattle (Lizzie Wright)

Craig, O. E. (Principal investigator), Hendy, J. R. (Co-investigator), Orton, D. C. (Co-investigator) & Wales, N. A. (Co-investigator)

EUROPEAN COMMISSION

1/05/22 → 14/08/26

[MSCA-IF-2020] POUR: Pottery Use from the earliest Records of Patagonia through biomolecular analysis (Alejandro Serna)

Craig, O. E. (Principal investigator)

EUROPEAN COMMISSION

1/05/22 → 30/04/24