This map is based on the Butterfly Map, an Octahedral System of Projection invented by Bernard Joseph Stanislaus Cahill in the first decade of the 20th century. A redrawn version (thanks to Letty Ten Harkel) is presented here. For more information, visit: http://www.genekeyes.com/B.J.S._CAHILLRESOURCE.html.
Note: For projects with a regional focus, a single dot has been placed in the centre of the region concerned. White dots indicate projects that run in more than one country and have been placed on the first country mentioned. Projects that have a broader theoretical or conceptual focus and cannot be regionally situated are not included on the map. See the Institute of Archaeology website for further details: http://www.ucl.ac.uk/archaeology/research/projects.
<table>
<thead>
<tr>
<th><strong>The Institute of Archaeology in the Americas</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Peru. Cuzco. Ceramic production and monumental stonework during the emergence and expansion of the Inca State. Bill Sillar with University of North Carolina, Charlotte; Ministerio de Cultura, Cuzco.</td>
</tr>
<tr>
<td>5 Mesoamerica. Resilient Networks and the Historical Ecology of Q’eqchi’ Maya Swidden Agriculture. Sean Downey with University of Arizona.</td>
</tr>
<tr>
<td>6 Brazil. Multiple cities including Sao Paulo. Barkcloth from the Brazilian Amazon. Renata Peters with Museu de Arqueologia e Etnologia, Universidade de Sao Paulo.</td>
</tr>
<tr>
<td>9 Belize. Ambergris Caye. Anthropogenic Landscape Transformation at the Site of Marco Gonzalez. Elizabeth Graham, Richard Macphail and Manuel Arroyo-Kalin, with UCL Civil, Environmental, Geomatic Engineering; UCL Geography; RBGE; University of Belize.</td>
</tr>
<tr>
<td>10 Cuba. Cemetery of El Chorro de Maíta. Marcos Martinón-Torres with Cuban Ministry of Science, Technology and Environment; British Museum.</td>
</tr>
<tr>
<td>13 USA. Anza-Borrego Desert State Park, California. Ceramic Production and Distribution at Late Prehistoric Hunter-Gatherer Seasonal Occupation site CA-SDI-813. Patrick Quinn with San Diego Archaeological Center, California.</td>
</tr>
<tr>
<td>14 Canada. Ontario. Complex Hunter-Gatherers of the Trent Valley. Excavation of a set of Archaic through Middle Woodland sites. Sue Colledge with Department of Anthropology, Trent University, Ontario.</td>
</tr>
</tbody>
</table>
The Institute of Archaeology in Africa


16 Sierra Leone. Materializing and Mediating the Past in Sierra Leone. Paul Basu with Monuments and Relics Commission, Sierra Leone; Sierra Leone National Museum; British Museum Africa Programme.

17 Ethiopia. Gamo Highlands. Dorian Fuller with University of Southern Florida.

18 Ethiopia. Mieso. Ignacio de la Torre with Universidad Autonoma de Barcelona; Centro Nacional de Investigación sobre la Evolución Humana, Spain.

The Institute of Archaeology in Asia

19 Mali. Segou Project Sorotomo and the Dodugu (AD 1000-1700). Kevin McDonald with Malian Institut des Sciences Humaines.


22 Sahara Sahel borderlands. 5000 Years of Pottery from the Sahara Sahel Borderlands. Katie Manning with University of East Anglia.

23 Tanzania. Olduvai Gorge. Ignacio de la Torre with University of Wisconsin and Department of Antiquities, Tanzania.

24 Multiple locations. Turkey, Iraq, India, Bangladesh, China. Comparative Pathways to Agriculture (ComPAg). Dorian Fuller, Chris Stevens, Charlene Murphy, Leilani Lucas, Eleanor Kingwell-Banham and additional collaborators Cristina Castillo, Ulrike Sommer, Hanna Sosnowska, Alison Weisskopf, Elizabeth Fairbrother, and Ling Qin, with: the Directorate of Antiquities of Suleymaniyah Province; Deccan College; UCLA; Jahangirnagar, Jilin, Hebrew, Peking, Stanford universities; the Institute of Cultural Heritage and Archaeology of Yunnan; and Guangdong Provincial Institute of Cultural Heritage and Archaeology.


26 Iraqi Kurdistan. Later Prehistory of the Shahrizor Plain. David Wengrow with UCL Qatar.


28 Turkmenistan. Ancient Merv Project. Tim Williams and Gai Jorayev with Ministry of Culture of Turkmenistan; ‘Ancient Merv’ State Archaeological Park; Centre for Applied Archaeology; UCL Qatar; Heritage Without Borders; CraTerre-ENSAG, Grenoble; Oxford University; and CyArk.

29 Kazakhstan. Otrar. The medieval Silk Road
City. Giles Dawkes (CAA) and Gay Jorayev; with UCL Qatar; Archaeological Expertise (Kazakhstan).

30 India. Sanchi Survey Project. Julia Shaw with Department of Archaeology, Museums and Archives, Madhya Pradesh, Bhopal; and University of Leeds

31 India. Archaeologies of Environmental Ethics in Ancient India. Julia Shaw.

32 China, Vietnam, Cambodia, Thailand, India, Sri Lanka, Islands of South East Asia. Multiple locations. Early Rice Project. Dorian Fuller, Alison Weisskopf, Cristina Castillo, Fabio Silva, Melissa Tan, Nikolah Gilligan, with: Peking, Sydney, Otago, James Cook, Australian National universities; Zhejiang Province Institute of Archaeology; Suzhou Museum Archaeology Team; Deccan College Post-Graduate and Research Institute; and Woods Hole Oceanographic Institute and University of Hawaii.

33 China. Xi’an, First Emperor’s Mausoleum. The Making of the Terracotta Army. Marcos Martinón-Torres, Andrew Bevan, Janice Li, Thilo Rehren, Patrick Quinn with Museum of Emperor Qin Shi Huang’s Mausoleum, Xi’an.


35 South Korea. Han Tan river. Richard Macphail with Seoul National University.

36 Indonesia. Nusa Tenggara. Sean Downey with National Science Foundation, USA.

The Institute of Archaeology in Australia, New Zealand and the Pacific

37 Kingdom of Bhutan. National Inventory. Tim Williams and Andrew Bevan with Department of Culture, Bhutan; National Commission of UNESCO, Bhutan; Cultural Heritage Information Consultants.


39 Easter Island, Rapa Nui. Landscapes of Construction Project. Sue Hamilton with Universities of Bournemouth, Manchester, Highlands and Islands, Chile Santiago, Hawaii Pacific; Rapa Nui National Parks Authority; Museo Antropológico Padre Sebastián Englert.


41 New Zealand. Auckland. Interrogating Archaeological Data for Climatic Information. Martin Bridge with Auckland University Dendrochronology Laboratory.

42 Australia, Canada, Germany, Portugal, Norway, Spain, Sweden, UK, USA. Assembling Alternative Future for Heritage. Rodney Harrison, Martha Fleming, Sarah May and Sefryn Penrose with Universities of Exeter, Linnaeus, York, Minzu (China), Gothenburg; Arts Council England; Association of Independent Museums; China National Academy of Arts; Endangered Languages Project; The Frozen Ark Project; Future Terrains; The Heritage Alli-
The Institute of Archaeology Around the World

The Institute of Archaeology in Britain and Ireland

15. Wales. Caerleon, Priory Field. Andrew Gardner with Cardiff University; Cadw, National Roman Legion Museum, Caerleon; National Museum Wales, Cardiff.
18. Ireland. Cultivating Societies: Assessing the Evidence for Agriculture in Neolithic Ireland. Sue Colledge with Queen's University, Belfast; and Institute of Archaeology, Oxford.


34 Wales. Stones of Stonehenge. Mike Parker Pearson with Universities of Southampton, Bournemouth and Manchester; Dyfed Archaeological Trust.


The Institute of Archaeology in London

Note: London is not depicted in enough detail for individual dots – these projects and collaborations are represented by a single red star.

1 Science Museum. Developing and Running the April Late event on Wearable Technology. Theano Moussouri.
2 Hendon School Community Archaeology Project. Gabriel Moshenska.
3 Thames Discovery Programme. Nathalie Cohen, Gustav Milne and Eliott Wragg.
4 The Archaeology of Air Raid Shelters: Towards an International Heritage Perspective. Gabriel Moshenska.
5 The Gresham Ship Project. Dean Sully.
6 Petrie Museum, UCL. Collections in Exile, Persons in Exile: Rethinking the Petrie Palestinian Collection. Beverley Butler with UCL; Tawfik Canaan Collection; and Birzeit University.
7 Billingsgate Roman House and Bathhouse. Dean Sully, Kirsty Norman and Tim Williams with the Museum of London; City of London Corporation; and English Heritage.
8 Roman Glass Production. Ian Freestone with MoLA.
9 John Dwight’s crucibles. Ian Freestone with Department of Earth Sciences, University of Padova.
12 Natural History Museum and the V&A. Theano Moussouri and Eleni Vomvyla with the London Knowledge Lab.
14 Holland Park, Kensington. Late Iron Age - Romano-British settlement. Sarah Ritchie (CAA/ASE).

The Institute of Archaeology in the rest of Europe, North Africa and the Middle East

44 EUROEVOL - The Cultural Evolution of Neolithic Europe. Stephen Shennan, Sue Colledge, Enrico Crema, Sean Downey, Kevan Edinborough, Tim Kerg, Katie Manning and Adrian Timpson.
46 Denmark. Textile and Costume from Bronze and Early Iron Ages in Danish Collections. Margarita Gleba with Centre for Textile Research, University of Copenhagen; and National Museum Denmark.
47 Iceland. The Reykholt Churches: excavations at a Church Centre; and Reykholt Shielings Project. Gudrun Sveinbjarnardottir with the Institute of Archaeology in Iceland and University of Iceland.
50 Spain. Buendia Rockshelter. Ignacio de la Torre with Centro Nacional de Inves-
tigación sobre la Evolución Humana, Spain.
51 Spain. Cova Gran. Ignacio de la Torre with Universidad Autonoma de Barcelona, Spain; and Centro Nacional de Investigación sobre la Evolución Humana.
52 Spain. Roca dels Bous. Ignacio de la Torre with Universidad Autonoma de Barcelona, Spain; and Centro Nacional de Investigación sobre la Evolución Humana.
54 Spain. Lantarón castle, Álava. Juan Antonio Quirós Castillo.
57 Europe. I-treasures with a focus on Corsica, Sardinia, the Walloon Region of Belgium and North Greece. Marilena Aliviatzou.
58 Spain, Galicia; Portugal, Beira Litoral Sul e Alta Estremadura; UK, Kent, Essex; France, Morbihan. Atlantic Late Bronze Age Interaction through Metal Hoards. Xosé-Lois Armada with Instituto de Arqueología de Coimbra.
59 Portugal. Muge, Cabeço da Amoreira. Michele Wollstonecroft with University of the Algarve, Portugal; and Archaeological Research Centre, Lisbon University.
60 Portugal. Sao Gens, Celorico. A Spatial Analysis of Rock-cut Graves. Stuart Brookes with Universidad de Salamanca, Spain; and Universidades Nova de Lisboa e do Algarve.
61 Croatia. Early Farming in Dalmatia. Sue Colledge with Rochester University of Technology, New York; and University of Cambridge.
63 Romania, Tașnad. Rescue Excavation of a Criș Settlement. Ulrike Sommer with Satu Mare Museum.
64 Italy, Marche. Upper Esino Valley Survey. Corinna Riva.
65 Italy, Central; Spain, South; Greece. Textile Economy and Urbanisation in Mediterranean Europe 1000-500BCE. Margarita Gleba and Susanna Harris.
66 Greece. Antikythera Survey Project. Andrew Bevan with Trent University,
Canada; and Greek Archaeological Service.
68 Greece. Keos XI. The Wall Paintings from the Northeast Bastion. Stuart Laidlaw with University of Cincinnati.
70 Cyprus. Kissonerga-Mylouthkia. Pre-pottery Neolithic and Calculiethic Settlements and Subsistence Economy. Sue Colledge with Edinburgh University; and Lemba Archaeological Research Centre.
71 Turkey. The Social Geography of the Catalhoyuk Settlement. Katherine (Karen) Wright with UCL; Universities of Stanford, UC Merced, Southampton, Istanbul, Selcuk, Thrace, Adam Mickiewicz, New York State (SUNY) and Buffalo; and Free University Berlin.
72 Turkey. Archaeobotany at Çatalhöyük. Dorian Fuller with Stanford University.
73 Turkey. Textile Production at Miletos. Margarita Gleba with Bochum University, Germany; and German Archaeological Institute in Athens.
74 Turkey. Technology of Seljuk Ceramics and Glass from Kubad Abad. Ian Freestone with Universities of Cukurova and Ankara.
75 Turkey. Boncuklu Höyük Project. Louise Martin with Universities of Liverpool, Queensland, Reading, and Harvard.
77 Material Connections: Mobility, Materiality and Mediterranean Identities. Corinna Riva with UCL and Glasgow University.
78 Switzerland, Southern France, Germany, Northern Italy. Regional Costume and Identity in the Final Neolithic to Bronze Age: the Statue Menhir Evidence. Susanna Harris and the Freie Universität, Berlin.
79 Israel/Palestine. Understanding Heritage Wellbeing: Traditional Healers and Eye Care. Beverley Butler with Eye Hospital, Order of St John; Sheikh Jarrah.
81 Israel, Jordan Valley. Tel Bet Yerah. Early Bronze Age and Early Islamic. David Wengrow with Raphael Greenberg.
82 Israel. Glass from the Sea. Ian Freestone with Israel Antiquities Authority.
84 Palestine. Collections in Exile, Persons in Exile: Rethinking the Petrie Palestinian Collection (UCL) and the Tawfik Canaan Collection (Birzeit University). Beverley Butler.
86 Lebanon. Sidon. Dafydd Griffiths with British Museum; and Lebanese DGA.
87 Lebanon. Beirut Souks. Dominic Perring (CAA/ASE) and Tim Williams with American University of Beirut.
88 Jordan. Kharaneh IV. Epipalaeolithic Excavations. Louise Martin and Sue Colledge with University of California (Berkeley).
89 Jordan. Azraq Project. Epipalaeolithic-Neolithic Excavations. Andrew Garrard, Sue Colledge, Louise Martin and Katherine (Karen) Wright with Universities of Liverpool, Belfast, Davis California; and CNRS.


93 Jordan, Turkey, Lebanon, Iraq. The Neolithic Beginnings of Craft Specialization: Stoneworking, Ground Stone Artefacts and Social Technology. Katherine (Karen) Wright with diverse institutions (see those listed at entry 93).


95 Jordan, Turkey, Lebanon, Iraq. The Ancient Levant: Social Networks and Long-Term Histories. Katherine (Karen) Wright with 25 other scholars from UK universities.

96 Iraqi Kurdistan. The Shahrizor Research Project. Mark Altaweel, David Wengrow, Dorian Fuller, and Louise Martin with UCL Qatar, University of Texas and Sulaimaniya Directorate of Antiquities and Heritage, and University Munich.


99 Egypt. EES Survey of Memphis. David Jeffreys with University of Cambridge; UCL; and AERA.


101 Egypt. Crucible Technology; Late Bronze Age Glass Production. Thilo Rehren and Marcos Martinón-Torres.


103 Tunisia. Early Islamic Glass Workshop from Sabra-al-Mansuriya. Ian Freestone with CNRS, France; and Dept of Earth Sciences, Leuven.

104 Egypt. Decolonising Archaeology: Ethnographies in Egypt. Stephen Quirke with Minya University and New Hermopolis; and Fayoum University.

105 Egypt. Memphis. Judith Bunbury with EES; and McDonald Institute, Cambridge.

106 Egypt. Gurob Harem Palace Project, Faiyum. Settlement Archaeology at a Royal Town Site. Jan Picton with Petrie Museum UCL; and Universities of Liverpool, Copenhagen.


109 Egypt. Mit Rahina Field School: Settlement archaeology in Middle Kingdom Memphis. Ana Tavares with David Jeffreys; Ancient Egypt Research Associates; American Research Centre in Egypt; Ministry of State for Antiquities; Egypt Exploration Society; and Cambridge University.

111 Egypt. Tuna el-Gebel. Glass Finds from Tombs 1-7. Daniela Rosenow with German-Egyptian Joint Mission (University of Munich and Cairo University).

112 Egypt. Tell Mutubis. Late Roman to Early Islamic Glass Finds from the Western Nile Delta. Daniela Rosenow with Egypt Exploration Society.

113 Egypt. Buto/Tell el Far‘ā‘in, Kom el Gir. Glass from the Western Delta and the Application of pXRF. Daniela Rosenow with the German Archaeological Institute Cairo.

114 Bosnia and Herzegovina, Croatia, Montenegro, Serbia. EUROFARM: Comparison and Modelling of Early Farming and Associated Technologies in Europe. Marc Vander Linden and David Orton with Museum of the Republika Srpska; Commission to Preserve National Monuments; Zagreb Archaeological Museum; Institute for Anthropological Research, Croatia; Centre for Conservation and Archaeology of Montenegro; Faculty of Philosophy, University of Belgrade; and Academy of Sciences, Serbia.

115 Serbia and Bosnia. The Rise of Metallurgy in Eurasia: sites of Pločnik, Belovode, Jarmovac Serbia; Gornja Tuzla, Bosnia. Thilo Rehren, Miljana Radivojevic and Stephen Shennan with Universities of Durham and Heidelberg; German Mining Museum; Roman-Germanic Commission; National Museum, Belgrade; Museum in Toplica; Homeland Museum, Priboj on Lim.


117 Educckate ‘Knowledge Alliance’ Project. Sarah Wolferstan and Gai Jorayev (CAA) with consortium of 11 partners from 7 countries.

118 Heritage Values Network. Dominic Perring (CAA/ASE) with UCL Centre for Sustainable Heritage; Universities of Leiden, Barcelona, and Eindhoven Technology; and Norwegian Institute for Cultural Heritage Research.