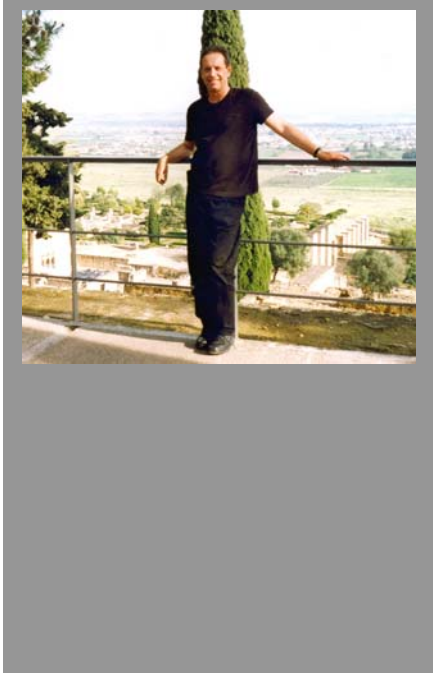




## School of Historical and European Studies



### Archaeology Program

Dr Phillip Edwards

---

**Senior Lecturer**

**Qualifications**

BSc *Monash*, BA(Hons) *Syd*, PhD *Syd*

**Research Interests**

I am a Senior Lecturer in the Archaeology Program at La Trobe University. My major research interests include developments in the Levant during the Pleistocene and in the origins of food production and sedentism. I have specialised in the prehistory of the East Jordan Valley (in Jordan) for the past twenty years, working on a series of Lower, Middle, Upper and Epipalaeolithic, and Neolithic sites. I also hold a research interest in the archaeology of the very recent past (1960s to present), including excavations at Como House in Melbourne, and the 'Historical Dunny' in La Trobe University's Wildlife Reserve.

**Supervision Areas and Topics**

Opportunities exist for postgraduate study on various aspects of Middle Eastern archaeology or on broader methodological and theoretical issues.

**Graduate Supervision**

**Current**

Janine Major A contextual analysis of figurative art in southwest Asia from the Epipalaeolithic to the Neolithic.

David Thomas The Ebb and Flow of Empires in 12th-13th century Afghanistan.

**Completed**

John Meadows 2005 Early farmers and their Environment: archaeobotanical research at Neolithic and Chalcolithic sites in Jordan.

Ilya Berelov 2005 A behavioural analysis of the ceramic assemblage at Zahrat adh-Dhra', Jordan

Ghattas Sayej 2004 The lithic industries of Zahrat adh-Dhra' 2 and the Pre-pottery Neolithic period of the Dead Sea Basin.

Alexandra Ariotti 2007 Qasr al-Buleida: a Late Roman-Byzantine fortified settlement on the Dead Sea Plain, Jordan

## Research Projects

### ***Archaeology and Environment of the Dead Sea Plain' project: ZAD 2***

The joint La Trobe University / Arizona State University 'Archaeology and Environment of the Dead Sea Plain' project is currently investigating the Pre-Pottery Neolithic A site of Zahrat adh-Dhra' 2 (ZAD 2) located on the southeastern shore of the Dead Sea in Jordan. The site is notable for its fine working of stone and bone tools. Its assemblage includes several small stone incised plaques and incised pebbles covered with intricate geometric designs.

### ***Excavations at Wadi Hammeh 27, near Pella in Jordan***

Wadi Hammeh 27 is one of the richest sites of the Natufian culture (ca. 12/800-10.300 b.p. (uncalibrated) in the Levant, an important juncture in the transition to early farming and village life. The site is located near ancient Pella in the East Jordan Valley, and was excavated under the auspices of the University of Sydney in the 1980s

### ***Epipalaeolithic sites in Wadi Hisban, Jordan***

A sequence of three Epipalaeolithic sites, situated in perched terraces on the banks of Wadi Hisban on the edge of the eastern Jordan Valley, were excavated in 1989 and in 1992 on behalf of the Department of Antiquities of Jordan and as a La Trobe University project.

### ***Early geology and archaeology in the East Jordan Valley : Mashari'a 1***

The Late Acheulian site of Mashari'a 1 located near ancient Pella, is stratified in the Tabaqat Fahl Formation. Essential to the initial recognition of Mashari'a 1 was the key discovery by Phillip Macumber that the 100-meter thick Tabaqat Fahl Formation was not Cretaceous in age, as previously thought, but Middle Pleistocene. Mashari'a 1 has proved to be the only clearly in situ Lower Palaeolithic archaeological site yet known from the east Jordan Valley.

## Research Collaboration

### **Arizona State University, USA**

Collaborations with Dr Steven Falconer, Department of Anthropology and Dr Patricia Fall, Department of Geography on the co-direction of the 'Archaeology and Environment of the Dead Sea Plain' project. The project (1999-present) has so far resulted in the raising of significant research funding; has produced many publications (1 monograph, 8 book chapters, 14 journal articles); has produced many completed theses ( 3 doctorates [LTU], 5 MAs [ASU] and 2 Hons theses [LTU]); and has a fourth doctoral thesis in train [LTU].

### **Department of Archaeology, University of Jordan**

Collaboration with Dr Maysoon an-Nahar on the spatial analysis of Zahrat adh-Dhra' 2 artefacts

### **Department of Antiquities of Jordan**

Collaboration with the Department of Antiquities Museum, Irbid, on a display of artefacts from Wadi Hammeh 27.

### **Department of Archaeology, University of Sydney.**

Collaboration with Dr Louise Shewan on publication of the isotopic analysis of Wadi Hammeh 27 human skeletal remains

### **Institute of Archaeology, University College, London, UK.**

Collaborations with Dr Louise Martin and Ms Rosa Campos-Blade on analysis of Wadi Hammeh 27 faunal remains

Collaboration with Dr Susan Colledge on the publication of Wadi Hammeh 27 botanical remains.

### **Institut de Préhistoire Orientale, CNRS (Centre National de la Recherche Scientifique), Jalès, France.**

Collaboration with Dr Daniel Helmer on the analysis of Zahrat adh-Dhra' 2 (Pre-Pottery Neolithic A site) faunal remains

## **Maison Rene-Ginouves, Archaeologie and Ethnologie, Université de Paris (Paris X);**

Collaboration with Ms Gaëlle Le Dosseur on the technological analysis of Wadi Hammeh 27 faunal remains

## **National Museum Jordan**

Collaboration with the National Museum, Jordan on a display of artefacts from Wadi Hammeh 27.

## **Research Publications**

1. EDWARDS, P.C. and G. SAYEJ n.d. Resolving contradictions: The PPNA - PPNB transition in the Southern Levant. In *La diversité des systèmes techniques des communautés du Néolithique précéramique : vers la caractérisation des comportements sociaux*. Cinquième Workshop sur les industries lithiques taillées PPN, Fréjus (Var), 1er- 5 Mars 2004 (in press).
2. EDWARDS, P.C. and A. ARIOTTI n.d. Zahrat adh-Dhra' (PPNA Site: Zahrat adh-Dhra' 2) and Roman/Nabatean Periods (Qasr Al-Buleida). *Munjazat* (in press).
3. EDWARDS, P.C. 2005 Review of: Bellwood, P. 2005 *First Farmers: the origins of agricultural societies*, Blackwell: Malden. *Rural Society* 14(2): in press.
4. EDWARDS, P.C., S. E. FALCONER, P. L. FALL, A. ARIOTTI and T. K. SWOVELAND 2004 *Archaeology and Environment of the Dead Sea Plain: preliminary results of the third season of investigations by the joint La Trobe University/ Arizona State University Project*. *Annual of the Department of Antiquities of Jordan* 48 (in press).
5. EDWARDS, P.C., J. MEADOWS, G. J. SAYEJ and M. WESTAWAY 2004 From the PPNA to the PPNB: new views from the southern Levant after excavations at Zahrat adh-Dhra' 2 in Jordan. *Paléorient* 30/ 2: 21-60.
6. HARDY-SMITH, T. and P. C. EDWARDS 2004 The Garbage Crisis in prehistory: artefact discard patterns at the Early Natufian site of Wadi Hammeh 27 and the origins of household refuse disposal strategies. *Journal of Anthropological Archaeology* 23: 235-289.
7. EDWARDS, P.C. 2004 The Formation of Middle Palaeolithic landscapes in Wadi al-Hammeh. In F. Khaysheh (ed.), *Studies in the History and Archaeology of Jordan VIII: archaeological and historical perspectives on society, culture and Identity*, pp. 119-127. Amman: Department of Antiquities of Jordan: Amman.
8. EDWARDS, P.C. 2004 The Dawn of Farming on the Dead Sea Plain. *Australasian Science* 251/5: 20-22.
9. EDWARDS, P.C. 2004 Aboriginal heritage of the Bend of Islands. In *Bend of Islands Environmental Living*, p. 6, Nillumbik Shire council: Melbourne.
10. EDWARDS, P.C. and G. J. SAYEJ 2002 Was the Hagdud truncation a hafted micro-adze? *Neo-Lithics* 1/02: 8-11.
11. EDWARDS, P.C., S. E. FALCONER, P. L. FALL, I. BERELOV, J. CZARZASTY, C. DAY, J. MEADOWS, C. MEEGAN, G. J. SAYEJ, T. K. SWOVELAND and M. WESTAWAY 2002 *Archaeology and Environment of the Dead Sea Plain: preliminary results of the second season of investigations by the joint La Trobe University/ Arizona State University Project*. *Annual of the Department of Antiquities of Jordan* 46: 51-92.
12. EDWARDS, P.C., J. MEADOWS, M. C. METZGER and G. J. SAYEJ 2002 Results from the first season at Zahrat adh-Dhra' 2: a new Pre-Pottery Neolithic A site on the Dead Sea Plain in Jordan. *Neo-Lithics* 1/02: 11-16.
13. EDWARDS, P.C., J. MEADOWS, M. C. METZGER and G. J. SAYEJ 2002 Zahrat adh-Dhra' 2: a new Pre-Pottery Neolithic A site on the Dead Sea Plain in Jordan. *Bulletin of the American Schools of Oriental Research* 327: 1-15.
14. S. G. WEBB and P.C. EDWARDS 2002 The Natufian human skeletal remains from Wadi Hammeh 27. *Paléorient* 28/1: 103-124.
15. EDWARDS, P.C. and S. E. FALCONER 2002 Dhahrat adh-Dhira' and Qasr al-Bulayda. *Munjazat* 3: 27-28.
16. EDWARDS, P.C. 2001 By the shores of Lake Lisan: the Epipalaeolithic in the East Jordan Valley between 20,000 and 11,000 years ago. In *Studies in the History and Archaeology of Jordan VII*, pp. 85-93. Department of Antiquities of Jordan: Amman.
17. EDWARDS, P.C. and T. HIGHAM 2001 Zahrat adh-Dhra' 2 and the Dead Sea Plain at the dawn of the Holocene. In A. Walmsley (ed.), *Australians uncovering ancient Jordan: fifty years of Middle Eastern Archaeology*, pp. 139-152. The Research Institute for Humanities and Social Sciences, University of Sydney: Sydney.
18. EDWARDS, P.C., S. E. FALCONER, P. L. FALL, I. BERELOV, C. DAVIES, J. MEADOWS, C. MEEGAN, M. C. METZGER and G. J. SAYEJ 2001 *Archaeology and Environment of the Dead Sea Plain: preliminary results of the first season of investigations by the joint La Trobe University/ Arizona State University Project*. *Annual of the Department of Antiquities of Jordan* 45: 135-157.

19. FALCONER, S., P. FALL and P. EDWARDS 2001 Zahrat adh-Dhra'. In S.H. Savage, K.A. Zamora and D.R. Keller (eds) *Archaeology in Jordan*, pp. 441-443, *American Journal of Archaeology*, 105: 427-461.
20. EDWARDS, P.C. 2000 *Archaeology and Environment of the Dead Sea Plain: excavations at the PPNA site of ZAD 2*. *ACOR Newsletter* 12.2: 7-9.
21. EDWARDS, P. and S. FALCONER 2001 Dhahrat adh-Dhra' (1 and 2) *Munjazat* 2: 62.
22. EDWARDS, P.C. 2000 *Aboriginal heritage of the ELZ*. *Bend of Islands Conservation Association Inc. Newsletter* 47: 4-5.
23. EDWARDS, P.C. 1999 *Archaeology and environment of the Dead Sea Plain*. *The Near Eastern Archaeology Foundation Bulletin* 34: 1-4.
24. EDWARDS, P.C., M.J. HEAD and P.G. MACUMBER 1999 *An Epipalaeolithic sequence from Wadi Hisban in the east Jordan Valley*. *Annual of the Department of Antiquities of Jordan* 43: 27-48.
25. EDWARDS, P.C. 1998 *Towards a social history of the La Trobe University Wildlife Reserve: an investigation of the 'Historical Dunny' on the former Mont Park Farm*. Department of Archaeology, La Trobe University.
26. EDWARDS, P.C. AND S. HOLDAWAY 1998 *Reply to J.J. Shea, Neandertal and Early Modern behavioural variability: a regional-scale approach to lithic evidence for hunting in the Levantine Mousterian*. *Current Anthropology* 39, Supplement, June: 62-64.
27. EDWARDS, P.C. 1998 *Wadi al-Hisban*. In V. Egan and P.M. Bikai (eds) *Archaeology in Jordan*, pp. 579-580. *American Journal of Archaeology* 102: 571-606.
28. EDWARDS, P.C. 1998 *Mashari'a 1*. In V. Egan and P.M. Bikai (eds) *Archaeology in Jordan*, pp. 581-582. *American Journal of Archaeology* 102: 571-606.
29. EDWARDS, P.C., P.G. MACUMBER and M.K. GREEN 1998 *Investigations into the early prehistory of the east Jordan Valley: results of the 1993/1994 La Trobe University survey and excavation season*. *Annual of the Department of Antiquities of Jordan*. 42: 15-39.
30. MACUMBER, P.G. and P.C. EDWARDS 1997 *Preliminary results from the Acheulian site of Mashari'a 1, and a new stratigraphic framework for the Lower Palaeolithic of the East Jordan Valley*. In H.-G. Gebel, G.O. Rollefson & Z. Kafafi (eds), *Prehistory of Jordan 11. Perspectives From 1997*, pp. 23-43. *Studies In Early Near Eastern Production, Subsistence And Environment* 4: Berlin, ex oriente.
31. MACUMBER, P.G., P.C. EDWARDS, M.J. HEAD and R. C. LAKEY 1997 *Physical environment and occupation in the Tabaqat Fahl region, Jordan, over the last half million years*. *Studies in the History and Archaeology of Jordan* VI, pp. 87-92. Amman: Department of Antiquities.
32. EDWARDS, P.C., P.G. MACUMBER & M.J. HEAD 1996 *The Early Epipalaeolithic of Wadi al-Hammeh*. *Levant* 28: 115-130.
33. EDWARDS, P.C. 1995 *The formation of large sites and their interpretation: evidence from the Pleistocene archaeological record of the East Jordan Valley*. *The Artefact* 18: 60-63.
34. EDWARDS, P.C. 1995 *Tracking earliest hominid dispersals through the east Jordan Valley*. *Archaeology and Anthropology Society of Victoria Newsletter*. 2: 2-7
35. EDWARDS, P.C. 1995 *Review of P. Gathercole, T.H. Irving & G. Melleuish (eds) Childe and Australia: archaeology, politics and ideas*. *Antiquity* 69: 1058-1059.
36. EDWARDS, P.C. and P.G. MACUMBER 1995 *The last half million years at Pella*. In S. Bourke and J-P. Descoedres (eds), *Trade, contact and the movement of peoples in the Eastern Mediterranean: studies in honour of J. Basil Hennessy*, pp.1-14. *Mediterranean Archaeology Supplement* 3, Sydney.
37. FRANKEL, D.F. & P.C. EDWARDS 1995 *Archaeology asunder Downunder: introduction to papers by 'Australian archaeologists abroad'*. *The Artefact* 18: 45-48.
38. EDWARDS, P.C. 1993 *Origins of settlement in the Jordan Valley: recent work in Wadi al-Hammeh and Wadi al-Hisban*. *The Near Eastern Archaeology Foundation Bulletin* 17: 1-3.
39. EDWARDS, P.C. 1993 *The Middle Palaeolithic sites*. In A.G. Walmsley, P.G. Macumber, P.C. Edwards, S.J. Bourke & P.M. Watson: *The eleventh and twelfth seasons of excavations at Pella (Tabaqat Fahl) 1989-1990*: 168-173. *Annual of the Department of Antiquities of Jordan* 37: 165-240.
40. EDWARDS, P.C. and B. CHURCHER 1993 *Final excavations at the Natufian site Wadi Hammeh 27 (Area XX)*. In A.G. Walmsley, P.G. Macumber, P.C. Edwards, S.J. Bourke & P.M. Watson: *The eleventh and twelfth seasons of excavations at Pella (Tabaqat Fahl) 1989-1990*: 175-178. *Annual of the Department of Antiquities of Jordan* 37: 165-240.
41. EDWARDS, P.C. 1992 *Demographic issues in Pleistocene prehistory: a perspective from Wadi al-Hammeh*. *Studies in the History and Archaeology of Jordan* IV, pp.47-51. Department of Antiquities: Amman.

42. EDWARDS, P.C. 1992 The Epipalaeolithic period. In A. McNicoll (ed.), *Pella in Jordan 2: the second interim report of the Joint University of Sydney and College of Wooster Excavations at Pella, 1982-1985*, pp.1-16. *Mediterranean Archaeology supplement 2*: Sydney.
43. EDWARDS, P.C. 1991 Wadi Hammeh 27: An Early Natufian Site at Pella, Jordan. In O. Bar-Yosef & F.R. Valla (eds) *The Natufian Culture in the Levant*, pp. 123 -148. *International Monographs in Prehistory: Ann Arbor*.
44. EDWARDS, P.C. 1991 More than one, less than five hundred: comments on Campana and Crabtree, and communal hunting. *Journal of Mediterranean Archaeology 4/1*: 109-120.
45. EDWARDS, P.C. 1990 Kebaran occupation at the Last Glacial Maximum in Wadi al-Hammeh, Jordan Valley. In C. Gamble & O. Soffer (eds) *The world at 18 000 BP, volume 2: Low Latitudes*, pp. 97 - 118. Unwin Hyman: London.
46. EDWARDS, P.C. 1990 Excavations at the Natufian site Wadi Hammeh 27 (Area XX). In P.C. Edwards, S.J. Bourke, K. A. Da Costa, J.C. Tidmarsh, A.G. Walmsley and P.M. Watson, Preliminary report on the University of Sydney's tenth season of excavations at Pella (Tabaqat Fah) in 1988: 58-61. *Annual of the Department of Antiquities of Jordan XXXIV*: 57 - 86.
47. EDWARDS, P.C. & W.I. EDWARDS 1990 Heat treatment of chert in the Natufian period. *Mediterranean Archaeology 3*: 1-5.
48. EDWARDS, P.C. 1989 Pleistocene sites in Wadi al-Hammeh. In D. Homes-Fredericq & J.B. Hennessy (eds) *Archaeology of Jordan 11. Field reports, surveys and sites. Akkadica, supplement VI-VIII. Foundation Assyriologique Georges Dossin. Peeters: Leuven*.
49. EDWARDS, P.C. 1989 Problems of recognizing earliest sedentism: the Natufian example. *Journal of Mediterranean Archaeology 2/1*: 5-48.
50. EDWARDS, P.C. 1989 Revising the Broad Spectrum Revolution: and its role in the origins of Southwest Asian food production. *Antiquity 63*: 225-46.
51. EDWARDS, P.C. 1988 Natufian settlement in Wadi al-Hammeh. *Paléorient 14/2*: 309-315.
52. EDWARDS, P.C. 1988 Wadi Hammeh 34 (Upper Palaeolithic). Wadi Hammeh 27 (Early Natufian). In T.F. Potts, S.J. Bourke, P.C. Edwards, F. Richards & G.J. Wightman. Preliminary report on the eighth and ninth seasons of excavation by the University of Sydney at Pella (Tabaqat Fah) 1986: 116 -119, 120 - 123. *Annual of the Department of Antiquities of Jordan 32*: 115-149.
53. EDWARDS, P.C., S.J. BOURKE, S.M. COLLEDGE and P.G. MACUMBER 1988 Late Pleistocene prehistory in Wadi al-Hammeh, Jordan Valley. In A. N. Garrard and H.G. Gebel (eds) *The Prehistory of Jordan: the state of research in 1986. BAR International Series 396*: 525-565.
54. EDWARDS, P.C. 1986 The excavations in the Wadi Hammeh. In A.W. McNicoll, P.C. Edwards, J. Hosking, P.G. Macumber, A.G. Walmsley & P.M. Watson. Preliminary report on the University of Sydney's seventh season of excavation at Pella (Tabaqat Fah) in 1985: 158-168. *Annual of the Department of Antiquities of Jordan 30*: 155-198.
55. EDWARDS, P.C. 1986 The Wadi Hammeh. *Archiv für Orientforschung 32*: 222-226.
56. EDWARDS, P.C. & S. THORPE 1986 Surface lithic finds from Kharaysin, Jordan. *Paléorient 12/2*: 85-87.
57. EDWARDS, P.C. 1985 Oblique pressure retouch in the PPNB. *Lithic Technology 14(3)*: 130-132.
58. EDWARDS, P.C. 1985 A Natufian site at Pella, Jordan. *Trasus 3*: 4-18.
59. EDWARDS, P.C. & S.M. COLLEDGE 1985 The Natufian settlement in the Wadi Hammeh (Area XX). In T.F. Potts, S.M. Colledge and P.C. Edwards. Preliminary report on a sixth season of excavation by the University of Sydney at Pella in Jordan (1983/84) *Annual of the Department of Antiquities of Jordan 29*: 181-201.
60. EDWARDS, P.C. 1984 Two Epi-palaeolithic sites in the Wadi Hammeh. In A. McNicoll, W. Ball, S. Bassett, P. Edwards, P. Macumber, D. Petocz, T. Potts, L. Randle, L. Villiers & P. Watson. Preliminary report on the University of Sydney's fifth season of excavation at Pella in Jordan. *Annual of the Department of Antiquities of Jordan 28*: 55-86.
61. EDWARDS, P.C. 1981 *Australian Snakes And Lizards*. Bay Books: Sydney.
62. EDWARDS, P.C. 1981 *Australian Crocodiles, Turtles, Tortoises and Frogs*. Bay Books: Sydney.