

# Mary F. Ownby

Department of Anthropology  
University of New Mexico  
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## *Education*

### **Ph.D. Archaeology. Wolfson College, University of Cambridge, UK**

Supervisor: Dr. Charles French

Advisor: Ms. Janine Bourriau

Dissertation title: Canaanite Jars from Memphis as Evidence  
for Trade and Political Relationships in the Middle  
Bronze Age

Dates: October 2006 to May 2010

### **M.Sc. (with Distinction) Technology and Analysis of Archaeological Materials.**

**University College London, UK**

Degree Coordinator: Prof. Thilo Rehren

Dissertation Coordinator: Dr. Dafydd Griffiths

Dissertation Title: Non-Destructive X-Ray Fluorescence  
Spectrometry of Marl C Sherds from Kahun, Egypt

Dates: September 2005 to September 2006

### **M.A. Egyptian Archaeology. University of California, Berkeley, CA, USA**

Major advisor: Dr. Carol A. Redmount

Dates: August 2001 to May 2004

### **B.A. (magnum cum laude) Anthropology. University of Arizona, Tucson, AZ, USA**

Major: Archaeology

Minor: Molecular and Cellular Biology

Dates: August 1997 to December 2000

## *Publications (peer reviewed)*

Bajeot, J., Ownby, M.F., and Gatto, M.C., 2024. The Social Implication of a “mixed” Ceramic Assemblage: Understanding the Predynastic Community of Nag el-Qarmila (First Nile Cataract, Egypt) Through Pottery Technology. *African Archaeological Review* 41: 443-475.

Giomi, E., Ownby, M.F., Renson, V., and Stephens, J. 2023. Petrographic and Lead Isotope Analyses to Assess Regional Variability in Rio Grande Glaze Wares from New Mexico. *Journal of Archaeological Science: Reports* 51: 104185.

Matin, Moujan and Ownby, M.F., 2023. Early stonepaste ceramic technology in Fustat, Egypt. *Journal of Archaeological Science: Reports* 50: 104105.

Ownby, M.R., Ferguson, J.R., Borck, L., Clark, J.J., and Huntley, D., 2022. Combining big data and thick data: scalar issues when integrating neutron activation and petrographic data as illustrated through a ceramic study from the southern US

Southwest. *Archaeological and Anthropological Sciences* 14: 110.

Ownby, M.F., Hartung, U., and Sowada, K., 2022. The Jars from Tomb Uj – A further Petrographic and Contextual Reassessment. *Ägypten und Levante/Egypt and the Levant* 32: 231-268.

Abbott, D.R., Wood, J.S., Watkins, C.N., and Ownby, M.F., 2021. An Influx in the Thousands: Late Classic Migration to Perry Mesa. *Kiva* 87: 437-460.

Ownby, M.F., LaBelle, J.M., and Pelton, H., 2021. Mobility and ceramic paste choice: Petrographic analysis of prehistoric pottery from northeastern Colorado. *Plains Anthropologist* 66: 277-312.

Ownby, M.F. and Myhrman, M., 2020. Investigations into the Production of Broadline Purple-on-red Pottery from the Tucson Basin. *Kiva* 86:372-395.

Bustoz, D.Q., Hackbarth, M.R., Ownby, M.F., and Rittenour, T., 2019. Crushing the Traditional Hohokam Typology: Grog (Crushed Sherd) Temper from Pueblo Patricio. *Journal of Arizona Archaeology* 7:97-100.

Adams, J.L. and Ownby, M.F., 2018. The Manufacture and Burial of Hohokam Disk Beads in the Tucson Basin. *American Antiquity* 83: 536–551.

Ownby, M.F., 2017. Clay Choice: the Impacts of Ceramic Formation Methods and Cultural Behavior. In *Innovative Approaches and Explorations in Ceramic Studies*, edited by S.L. López Varela, pp. 71-88. Archaeopress Publishing, Ltd., Oxford.

Ownby, M.F., 2017. The Importance of Petrography for Interpreting Compositional Data: a case study of Tanque Verde Red-on-brown. In *Integrative Approaches in Ceramic Petrography*, edited by M.F. Ownby, I.C. Druc and M.A. Masucci, pp. 24-38. Salt Lake City: University of Utah Press.

Ownby, M.F., Evan Giomi, and Gregory Williams, 2016. Glazed ware from here and there: Petrographic analysis of the technological transfer of glazing knowledge. *Journal of Archaeological Science Reports*.

Huntley, D.L., Clark, J., and Ownby, M.F. 2016. Movement of People and Pots in the Upper Gila Region of the American Southwest. In *Exploring Cause and Explanation. Historical Ecology, Demography and Movement in the American Southwest*, edited by C. Herhahn and A.F. Ramenofsky, pp. 275-295. University of Press of Colorado, Boulder.

Ownby, M.F., Heidke, J.M., and Wallace, H.D., 2015. New Insights into Hohokam Buff Ware Production and Distribution. *American Antiquity* 80:387-396.

Ownby, M.F. 2015. Ceramic Analysis Perspectives from Afar. In *Ceramic Analysis in the Andes*, edited by Isabelle Druc, pp. 171-180. Deep University Press, WI.

Ownby, M.F., Huntley, D.L., and Peebles, M., 2014. A Combined Approach: Using NAA and Petrography to Examine Ceramic Production and Exchange in the American Southwest. *Journal of Archaeological Science* 52: 152-162.

Ownby, M.F. and Miksa, E.J. 2012. Overview of Petrofacies Modeling with Examples from Classic Period Hohokam Sites. *Journal of Arizona Archaeology* 2: 23-36.

Ownby, M.F., Ownby, C.L., and Miksa, E.J. 2004. Use of scanning electron microscopy to characterize schist as a temper in Hohokam pottery. *Journal of Archaeological Science* 31: 31-38.

### *Publications* (edited)

Ownby, M.F., Druc, I., and Masucci, M. 2017. *Integrative Approaches in Ceramic Petrography*. Salt Lake City: University of Utah Press.

Ownby, M.F. and Elson, M.D. (issue eds) 2012 *Archaeometry in Southwest Archaeology*. *Archaeology Southwest Magazine* 26 (2).

### *Teaching Experience*

Adjunct Instructor for course: *Interconnections between Ancient Egypt and the Levant* (CLAS/ANTH/NES 400-500). Department of Classics, University of Arizona, Tucson, AZ. Jan. – May 2012.

Tutor for course: *Everyday Life in Ancient Egypt*. Certification for Egyptology Programme, Institute of Continuing Education, University of Cambridge, UK. Jan. – April 2009

Supervised undergraduate dissertation. Department of Archaeology, University of Cambridge, UK. March – April 2008

Supervisor for Undergraduate course: *Egyptology Part II: Interconnections*. Department of Archaeology, University of Cambridge, UK. Oct. 2007 – June 2008

Tutor for course: *Chronology of the Pharaohs: Introduction to Egyptology*. Certification for Egyptology Programme, Institute of Continuing Education, University of Cambridge, UK. Sept. – Dec. 2007

Graduate Student Instructor for course: *Introduction to Egyptology*. Department of Near Eastern Studies, University of California, Berkeley, CA, USA. Autumn Semesters, Aug. 2002 – May 2004.