Notes on contributors

Judith Adams qualified at University College Hospital London; after medical posts in Cambridge she began her radiology career in Manchester Royal Infirmary and the University of Manchester, where she is a consultant and professor of radiology. She is a musculo-skeletal radiologist with special interests in imaging of metabolic and endocrine diseases, in particular osteoporosis, and in quantitative methods of assessment of the skeleton, on which topics she has published widely. She has been involved in imaging of mummies, of both humans and animals, for over twenty years and has supervised students undertaking research projects in this field.

Carol Andrews was Assistant Keeper and Senior Research Assistant in the Department of Egyptian Antiquities at the British Museum from 1971 until 2000 and was closely involved with the Tutankhamun Exhibition. From 2000 until 2012 she tutored various Egyptology courses for Birkbeck College, University of London. She has written books on mummification and funerary artefacts, Egyptian jewellery, Egyptian amulets and the Rosetta Stone, provided catalogue entries on Egyptian glass, compiled a catalogue of demotic papyri for the Egyptian Exhibition which toured the Far East in 1999 and edited a translation of the Book of the Dead.

Stephanie Atherton-Woolham is a Research Associate at the KNH Centre for Biomedical Egyptology, University of Manchester. She has co-curated the Ancient Egyptian Animal Bio Bank project since its inception in 2011 and is Honorary Curator of Archaeozoology at the Manchester Museum. Her research focuses on bird mummification practices in ancient Egypt using imaging (radiographic and microscopic) techniques. She is particularly interested in the direct treatment of the bird body, especially the practical and ritual uses of resins and linen, alongside the chronological development of wrapping

styles and techniques in animals and humans during the Late and Roman Periods.

Don Brothwell has been interested in the biology of the ancient Egyptians since he was a young graduate. He has published on various aspects, and co-edited with B. Chiarelli *Population Biology of the Ancient Egyptians* (1973). Mummy studies have taken him to various museums, as well as to the Valley of the Kings. He is currently Emeritus Professor of Archaeological Science in the University of York.

Andrew Chamberlain is Professor of Bioarchaeology and Director of the KNH Centre for Biomedical Egyptology at the University of Manchester. He has research interests in osteoarchaeology and biological anthropology, including the natural and artificial processes that influence the preservation of mummified organic materials, and he undertakes investigations in palaeodemography, the study of the composition and dynamics of past populations.

Jenefer Cockitt has studied ancient Egyptian mummies since 2001 and has completed a PhD in biomedical Egyptology at the University of Manchester, focusing on the radiocarbon dating of ancient Egyptian artefacts. She has undertaken research projects on experimental mummification and ancient Nubian human remains, and is currently reinvestigating the autopsy of Manchester mummy 1770.

Mark Collier was an undergraduate and doctoral student at University College London, and held postdoctoral positions at Corpus Christi College, Cambridge (concurrent with a British Academy postdoctoral fellowship), and then All Souls College, Oxford, before taking up a post at the University of Liverpool, where he is now Professor of Egyptology.

Robert Connolly joined the research staff of the University of Liverpool in 1961 initially at the School of Tropical Medicine, subsequently moving to Pathology and finally to Anatomy. Here, between teaching assignments, most of his research time was spent on Bronze Age, Anglo-Saxon, and medieval bone assemblages plus the Anne Mowbray–Princes in the Tower project, but then he became ‘swept up’ in Egyptology. Egyptology was interrupted in 1984 while he began excavating and working on Lindow Man, but now he is mainly involved with Egyptology once again.

David Counsell qualified in medicine at Leicester in 1982 and became a consultant cardiothoracic anaesthetist at Blackpool in 1991. From 2001 he was a consultant in Wrexham and from 2010 to 2015 Chief of Staff in Anaesthetics, Pain and Critical Care at Nuffield Health, The Grosvenor Hospital. He

obtained the Certificate in Egyptology at the University of Manchester in 1996 and was awarded a PhD for his research into drug and intoxicant use in ancient Egypt. He became an Honorary Research Associate at the KNH Centre for Biomedical Egyptology at Manchester University and has lectured, published papers and made television appearances relating to opium, the blue lotus, cocaine, nicotine and the death of Tutankhamun.

Alan Curry obtained a BSc (zoology) in 1970 and a PhD (protozoology) in 1974 from the University of Manchester. He was appointed in 1973 to run the newly established electron microscopy unit at Withington Hospital, south Manchester. This unit was a joint Public Health Laboratory Service (later Health Protection Agency) and Department of Histopathology facility undertaking both diagnostic and research work. With the closure of Withington Hospital, the electron microscopy unit was relocated to Manchester Royal Infirmary in 2001. He was appointed an honorary university lecturer while at Manchester Royal Infirmary and retired in 2011 as a consultant clinical scientist.

John Denton's interest in biomedical Egyptology was kindled in 1974 after he met Rosalie David for the first time. Many years later he became a member of the newly opened KNH Centre for Biomedical Egyptology at the University of Manchester, where he was a supervisor for MSc and PhD students and contributed to the application of the field of modern histological techniques to that of ancient tissues. His Manchester University career started in 1967 when he was a technician in the Department of Rheumatology, and ended in 2011 when he retired as a senior pathology research fellow in the Department of Pathological Sciences.

Aidan Dodson is a Senior Research Fellow in the Department of Archaeology and Anthropology at the University of Bristol, and was Simpson Professor of Egyptology at the American University in Cairo for the spring semester of 2013. A graduate of Liverpool and Cambridge Universities, he was elected a Fellow of the Society of Antiquaries of London in 2003, and Chairman of Trustees of the Egypt Exploration Society in 2011.

Tosha L. Dupras is a Professor and Chair of Anthropology at the University of Central Florida. She received her PhD (1999) in anthropology from McMaster University (Ontario, Canada). She specialises in bioarchaeology, growth and development, dietary studies through isotopic analysis, palaeopathology, juvenile osteology and forensic archaeology. Dr Dupras conducts research at sites in the Sudan, Lithuania and south-east Asia, and has been a member of the Dakhleh Oasis Project (Egypt) since 1996 and a member of the expedition at Deir al Barsha (Egypt) since 2004.

Essam El Saeed is a Professor of Egyptology at Alexandria University, Director of the Writing and Scripts Center, Bibliotheca Alexandria, and the Director of the Coptic Institute at Alexandria University. Previously he was the cultural attaché in the Egyptian Embassy in Mauritania, and Director of the Egyptian Embassy in Nouakchott, Mauritania. From 2007 to 2014 he occupied the position of Honorary Scientific Visitor at the KNH Centre for Biomedical Egyptology at the University of Manchester.

Roger Forshaw, a retired dental surgeon, obtained an MSc in biomedical Egyptology and a PhD in Egyptology from the University of Manchester. He is a Research Associate at the KNH Centre for Biomedical Egyptology, where he has investigated the dental remains excavated by the first Archaeological Survey of Nubia and is currently examining mummy computed tomography scans for evidence of dental palaeopathology. He has published papers on healing practices as well as on dental disease and dental treatment in ancient Egypt. A recent published monograph is *The Role of the Lector in Ancient Egyptian Society* (2014).

Glenn Godenho took various Egyptological courses with Birkbeck College, London, in the mid- to late 1990s before studying for his BA, MA and PhD at the University of Liverpool. Following a one-year teaching post at Swansea University, he is now a Senior Lecturer in Egyptology at the University of Liverpool with additional responsibility for admissions and widening participation, and contributes to the online Egyptological initiatives run by Dr Joyce Tyldesley at the University of Manchester.

Mervyn Harris qualified as a dentist in 1971 and worked in that field for twenty-eight years. Following his retirement, he returned to university, where he obtained an MA in health care law and ethics in 1999, followed by an MSc and PhD in biomedical Egyptology from the University of Manchester in 2002 and 2006 respectively. His research interests include skeletal manifestations of systemic disease and interpretation of trauma in skeletal remains.

Rosalind Janssen is currently a Lecturer in education at the Institute of Education, University College London. She was previously a curator in the Petrie Museum, London, and then a lecturer in Egyptology at the Institute of Archaeology, London. She specialises in textiles and dress, ancient Egyptian social life and the recording of oral histories of Egyptology.

Diane Johnson is a Postdoctoral Research Associate based in the Department of Physical Sciences at the Open University. She has a special interest in the application of advanced analytical technology to ancient materials; her major areas of research are iron meteorites and iron in ancient Egypt. Diane completed

the University of Manchester Certificate in Egyptology and is now studying for a Diploma in Egyptology.

Richard Johnston is a Senior Lecturer in the Materials Research Centre, Swansea University. Embracing a multidisciplinary approach, Richard's research has taken him from artificial intelligence in manufacturing, through gas turbine materials (abradables, nickel superalloys, ceramic matrix composites), and on to X-ray microtomography. He is Co-Director of the Advanced Imaging of Materials Centre at Swansea, collaborating with marine biologists, osteologists, bioengineers, Egyptologists, clinicians, glaciologists, and corrosion scientists among many others on broad research challenges in imaging.

Patricia Lambert-Zazulak qualified as a medical radiographer and has a degree in comparative religion. Combining research in ancient medicine and theology and focusing on Egyptian mummification, she was awarded a PhD in the Department of Religions and Theology at the University of Manchester. As a postdoctoral research associate, then fellow, she dedicated nine years' work to the creation and curation of the International Ancient Egyptian Mummy Tissue Bank and its archive, during which she collected and documented many samples from international depositors, and assisted researchers in various disciplines.

Conni Lord graduated in 2012 with a PhD in Egyptology from the University of Manchester. She has an MA degree in Egyptology from Macquarie University and a MSc in biomedical Egyptology from the University of Manchester. She is currently a member of the Amarna Cemetery Excavation Team and works at the Nicholson Museum, University of Sydney, Australia.

Robert D. Loynes was born in Manchester and qualified as a medical doctor at the University of Liverpool in 1966. He then trained as an orthopaedic surgeon, becoming a consultant in orthopaedics, trauma and hand surgery in Staffordshire in 1977. After retirement he was awarded a PhD in Egyptology in 2014 at the University of Manchester. His main sphere of research is in the use of computed tomography scans to explore the methods of mummification used by the ancient Egyptians.

Susan Martin trained as a textile designer and then worked in a number of museums and galleries in the UK, before taking up her current post at the Manchester Museum in 1999. In the museum she works with the Human Cultures collections, focusing mainly on collection care, conservation and collection management. In 2008 she completed a PhD project, supervised by Rosalie David, researching the textiles used to wrap the Manchester Museum mummy known as 1770.

Lidija McKnight holds a BSc in archaeology from the University of York and an MSc and PhD in biomedical Egyptology from the University of Manchester. Since 1999, Lidija has conducted research into animal mummification, particularly through the application of non-invasive radiographic imaging, and has presented and published widely on the subject. As founder of the Ancient Egyptian Animal Bio Bank, Lidija has studied numerous museum collections in the UK, Europe and the USA. Lidija holds the position of Honorary Curator of Archaeozoology at the Manchester Museum.

Ryan Metcalfe works at the University of Manchester and has lectured on and researched a variety of subjects related to biomedical Egyptology. His major research interests are in the preservation of soft tissues, the effects of mummification on biomolecular and chemical analysis and the roles played by grain products in ancient Egyptian medicine.

Robert G. Morkot is a Senior Lecturer in Archaeology at the University of Exeter. He studied ancient history and Egyptology at University College London (1977–80), followed by postgraduate studies at London including a year at the Humboldt University, Berlin. He is a leading authority on the relationship between Pharaonic Egypt and Nubia (Kush), and on the 25th Dynasty. His other main areas of interest are Egypt and Libya, the historiography of Egypt and the reception of antiquity in Western Europe.

Paul T. Nicholson is Professor of Archaeology at Cardiff University, where he teaches courses on Egyptian archaeology and early technology. He has worked in Egypt since 1983 and has directed excavations at Amarna, Memphis and Saqqara as well as working at Berenike, Hatnub, Thebes and elsewhere. His work has involved the investigation of the Sacred Animal Necropolis at Saqqara as well as early crafts and industries, particularly faïence and glass. He has published extensively on these subjects, including co-editing *Ancient Egyptian Material and Technology* (Cambridge University Press, 2000) with Ian Shaw.

J. Peter Phillips earned a degree in natural philosophy from the University of Glasgow and then worked in IT at the University of Manchester, where he developed his spare-time interest in Egyptology and gained the Certificate in Egyptology with distinction under Rosalie David. The subject of his dissertation, ‘The columns of Egypt’, became the basis for a book with the same title published in 2002. He is editor of *Ancient Egypt Magazine* and Chairman of the Manchester Ancient Egypt Society.

Campbell Price undertook his BA, MA and PhD in Egyptology at the University of Liverpool, where he is now an Honorary Research Fellow. Since 2011 he has been the Curator of Egypt and Sudan at the Manchester Museum,

University of Manchester, one of the UK's largest Egyptology collections. His research interests focus on elite culture of the first millennium BC, in particular the functions of non-royal sculpture.

Stephen Quirke is Edwards Professor of Egyptian Archaeology and Philology at the Institute of Archaeology, University College London. His research interests include Egyptian handwriting; state institutions; ethics and history of archaeology and museums; and Middle Kingdom history, with a focus on manual labour, social class and gender. His publications include *Exploring Religion in Ancient Egypt* (2014), *Going Out in Daylight: peret m heru – the Ancient Egyptian Book of the Dead* (2013), *Hidden Hands: Egyptian Workforces in Petrie Excavation Archives 1880–1924* (2010), *Egyptian Literature 1800BC: Questions and Readings* (2004) and, with Mark Collier, *The UCL Lahun Papyri* (2002–06).

Peter Robinson is a geography and archaeology graduate of Lancaster and Manchester Universities, and has studied Egyptology under Professor Rosalie David on her extra-mural Certificate in Egyptology course at Manchester. He has since become an independent scholar, joining a number of local Egyptology societies, and a freelance lecturer. He has a continuing interest in the religion and afterlives of the ancient Egyptians, and has presented and published papers on the geographical and sacred landscapes within a number of Egyptian after-life texts.

Patricia Rutherford completed an honours degree in biological sciences at the University of Lancaster in 1995. While teaching anatomy and physiology at the Blackpool and Fylde College she studied part-time at the University of Manchester and obtained an MSc and PhD in biomedical Egyptology, focusing on the study of schistosomiasis.

Peter G. Sheldrick, is a semi-retired family physician resident in Chatham (Ontario, Canada). He is a research associate at the Royal Ontario Museum and a trustee of the Society for the Study of Egyptian Antiquities in Toronto. He has been a permanent member of the Dakhleh Oasis Project since 1979, participating every year since. He assists with the excavation and analysis of human remains but has also worked with the prehistorians, palaeontologists and other aspects of the project.

Steven Snape is a graduate (BA, PhD) of the University of Liverpool, where he is currently Reader in Egyptian Archaeology. He is also Director of the Liverpool University Mission to Zawiyet Umm el-Rakham and Director of the Garstang Museum of Archaeology.

Denys Stocks completed a five-year technical apprenticeship in mechanical engineering. He was later awarded the University of Manchester Certificate

in Egyptology (with distinction), which led to a research degree of MPhil and a Post-Graduate Certificate in Education from the Victoria University of Manchester. A post followed as a high-school teacher of design and technology and history. Stock has published *Experiments in Egyptian Archaeology: Stoneworking Technology in Ancient Egypt* (2003). He has also published a number of papers, had entries in several encyclopedias and appeared in television documentaries.

Kasia Szpakowska is Associate Professor of Egyptology at Swansea University, Fellow of the Society of Antiquaries and Director of the Ancient Egyptian Demonology Project, Second Millennium BC. She specialises in ancient Egyptian *Behind Closed Eyes* private religious practices, dreams, gender and the archaeology of magic. Her monographs include: *Dreams and Nightmares in Ancient Egypt* (2003) and *Daily Life in Ancient Egypt: Recreating Lahun* (2007). She is an avid proponent of interdisciplinary research and digital humanities, and her projects involve engineers, artists, glaciologists, computer scientists and developing an online database of liminal entities with 3D visualisation. Her current research interests include apotropaic devices and the iconography of “demonic” entities.

John H. Taylor is Assistant Keeper in the Department of Ancient Egypt and Sudan at the British Museum. Since joining the museum in 1988 he has published extensively on numerous aspects of ancient Egyptian funerary practices, particularly coffins, mummies and the Book of the Dead. He has curated several major exhibitions on these and other themes. His interests also include the Third Intermediate Period, the study of ancient bronze-working, the history of Egyptology and the formation of museum collections.

Angela Thomas studied Egyptology at the University of Liverpool and University College London. She spent her working life as a museum curator. From 2006 to 2012 she was a part-time honorary teaching fellow at the KNH Centre for Biomedical Egyptology, University of Manchester. She is the author of *Gurob: A New Kingdom Town*, two books in the Shire Egyptology Series and articles in a variety of journals.

Philip J. Turner was encouraged by Professor David on his retirement from clinical biology to pursue his interest in Egyptology, which culminated in the award by Manchester University of his PhD in 2013 for his studies on the god Seth. He and Professor David are now hoping to work together on the incidence of schistosomiasis in Ancient Egypt.

Joyce Tyldesley is a Senior Lecturer in Egyptology at the University of Manchester, where she teaches a suite of online courses to students around the world. She is the author of a number of Egyptology books written for both

adults and children. Her most recent book, *Tutankhamen's Curse* (published in the USA as *Tutankhamen: The Search for an Egyptian King*) won the 2014 Felicia A. Holton Book Award, presented by the Archaeological Institute of America.

Sandra M. Wheeler is a Lecturer in Anthropology at the University of Central Florida, where she teaches courses in biological anthropology, archaeology and cultural anthropology. She received her PhD (2009) in anthropology from Western University (Ontario, Canada). She specialises in bioarchaeology, palaeopathology, juvenile osteology and mortuary archaeology. She has conducted fieldwork in Belize and Mexico, and continues to work with the Dakhleh Oasis Project in Egypt.

Lana J. Williams is a Lecturer in Anthropology at the University of Central Florida, where she teaches courses in biological anthropology, archaeology and cultural anthropology. She received her PhD (2008) in anthropology from Western University (Ontario, Canada). She specialises in stable isotope analysis, bioarchaeology, palaeopathology and mortuary archaeology. She conducts research in Turkey, and is a member of the bioarchaeology team of the Dakhleh Oasis Project, and also of the expedition at Deir al Barsha.

Penny Wilson is a Senior Lecturer in Egyptian Archaeology in the Department of Archaeology, Durham University. She is Field Director of the 'Royal City of Sais' Project and also part of the Egypt Exploration Society Delta Survey team currently in Kafr el Sheikh province and the site of Tell Mutubis. Her research interests include settlement archaeology in the Delta of all periods including the present day, cult practices in temples and shrines and ceramic assemblages and their stories.