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 Teesside
University



Saturday 18th September

09:30		WELCOME		
10:00		KEYNOTE 1		
10:30	The Environment	Rebecca Redfern	Sharon DeWitte	'The cold never bothered me anyway!' An investigation of the relationship between climate change and congenital and developmental anomalies in a Medieval London cemetery
10:50		Jane A. Evans	Katy Mee, Carolyn Chenery, Richard Madgwick, Angela Lamb	"All models are wrong, but some are useful*" updating the British Isotope Biosphere Map *Attributed to the statistician George Box
11:10		Ellen Kendall	Andrew Millard, Rebecca Gowland, Julia Beaumont, Janet Montgomery	Blood Borne: Breastfeeding, mother-infant health, and environmental disease in early medieval eastern England
11:30		Charlotte Henderson	Antony Colombo, Alex Ireland	Identifying the development of locomotor behaviour from bone circularity in a medieval collection (Black Gate, Newcastle, 7th -12th C.)
11:50		Sarah Delaney	Simon Mays, Malin Holst, Michelle Alexander, Anita Radini	Unhealthy breath: Integrating potential 'respiratory irritants' present in dental calculus with maxillary sinusitis to study living environments in Medieval England
12:10	LUNCH			
12:10	POSTERS			
13:00		KEYNOTE 2		
13:30	Open (Data)	Esther Plomp		(Data) Sharing is Caring
13:50		Will Foster	Jacqueline I. McKinley	The use of Structured Light Scanning (SLS) for capturing detailed 3D images of human bone
14:10		Rebecca Strong	Tim Thompson, David Errickson	The Application of Geometric Morphometric Analysis to Weapon Identification to Sharp Force Trauma Analysis: A Pilot Study
14:30		James Elliott	Adelina Teoaca	Radiographic assessment of archaeological long bones: Experiential learning on technique

14:50	BREAK			
15:20	Industry & Industrialisation	Jo Buckberry	Gillian Crane-Kramer	The Dark Satanic mills: Evaluating Patterns of Health in England during the Industrial Revolution
15:40		Marie C. Weale	Jo Buckberry, Hannah Koon	The rabbit warren of Wolverhampton: an assessment of vitamin D deficiency from the beginning to the end of life
16:00		Maia Casna	Sarah A. Schrader	Being in the city: a bioarchaeological approach to socioeconomic status, stress markers, and sinusitis in three early-modern Dutch towns (1626-1850 AD)
16:20		Magdalena Matczak	Jane E. Buikstra, Andrzej Marek Wyrwa, Jessica Pearson, Marta Krenz-Niedbała, Sylwia Łukasik	Advanced degenerative spinal disease as impairment and disability in adult female from early modern period in Łekno, Poland
16:40		Rebecca Gowland	The Washburn Heritage Centre Volunteers, Anwen Caffell, Michelle Alexander, Malin Holst	Connective Tissue: Bioarchaeology, Community and Connectivity
17:30		AGM		
18:30	MIXER			
19:00		BABAO Quiz		

Sunday 19th September

09:30		KEYNOTE 3		
10:00	Open (Forensic)	Amélie Beaudet	Edwin de Jager, Laurent Risser, Muriel Mescam, Caroline Fonta	Mapping the brain of fossil hominins: the EndoMap project
10:20		Vasiliki Louka	Jo Appleby, Konstantinos Moraitis	Gunshot wounds: first forensic case study of commingled remains from the Greek Civil War
10:40		Hannah Cross	Charlene Greenwood	Effects of Soft Tissue on the Crystallographic Changes to Bone Mineral upon Heating
11:00		Marion Davidson	Carolyn Rando, Ruth Morgan	A Survey of Ancestry Estimation Method Preferences and Utilisation in Forensic Anthropology
11:20		BREAK		
11:20		POSTERS		
12:00	Open (Don't sweat the small stuff...)	Leslie Quade	Rebecca Gowland, Paul L Chazot	Desperately seeking stress: A pilot study of cortisol in archaeological tooth structures
12:20		Christopher Aris	Emma Street, Katie Hemer	Variation in regional enamel growth rates in modern humans presenting dental evidence of vitamin D deficiency
12:40		Diego Badillo-Sanchez	Anna Davies-Barrett, Maria Serrano Ruber, Don Jones, Sarah Inskip	Metabolomics and human osteoarchaeological remains: An opportunity for the understanding of past human conditions using modern molecular tools
13:00		Tom Booth	Marina Soares da Silva, Alexandre Gilardet, Pooja Swali, Kyriaki Anastasiadou, Isabelle Glocke, Monica Kelly, Pontus Skoglund	Intra-skeletal variation in DNA preservation and contamination in archaeological human remains from Britain: results from the aGB Project
13:20		LUNCH		
13:20		LET'S DO LUNCH! STUDENT SUPPORT SESSION		

14:20	Open (Pathology)	Florencia Natalia Botta	Mary Lewis, Gundula Müldner	Evaluating the impact of the Black Death in childhood health. An analysis of vertebral neural canal and cribra orbitalia
14:40		David Bennett-Jones	Anwen Caffell, Charlotte Roberts	Can renal rickets be distinguished from nutrition-related rickets by identifying features of hyperparathyroidism in the skeleton?
15:00		Megan B. Brickley		Integrative Approaches to Rickets and Osteomalacia
15:20		Kori Lea Filipek	Charlotte Roberts, Janet Montgomery, Rebecca Gowland, Jane Evans	Imagined Exclusion? Mobility Histories of Adolescents with Leprosy from Anglo-Scandinavian Norwich (Norfolk)
15:40	BREAK			
16:10	Open (Burials)	Mary Lewis	Janet Montgomery	Youth, migration and health in medieval York: A multi-analytical approach
16:30		Kevin Cootes		The Archaeology of Grief. Deviations in Burial Practice in a Later Medieval Graveyard in Poulton, Cheshire.
16:50		Lauren McIntyre	Mandy Jay, Lauren Kancle, Janet Montgomery, Joanna Moore, Darren Gröcke, Geoff Nowell	The All Saints Anchoress? An Osteobiography
17:10		Creighton Avery	Megan Brickley, Tracy Prowse	Eating like Adults: Investigating Dietary Change in Childhood and Adolescence at Isola Sacra (Italy, 1-4th centuries AD)
17:30		CLOSING REMARKS and THANK YOUs		
18:00	END			

Posters

Marica Baldoni	Faisal Al-Naimi, Muna Al-Hashmi, Alice Enrica Bianchi, Thomas Leisten, Ferhan Sakal, Francesca Castorina, Cristina Martínez-Labarga, Sara Tomei	A journey in Qatari Prehistory: The project “Human Populations and Demographics in Qatar from the Neolithic to the late Iron Age”
Marica Baldoni	Gabriele Scorrano, Michelle Alexander, Francesca Romana Stasolla, Olga Rickards, Alessandra Nardi, Cristina Martínez-Labarga	What is for lunch? Dietary habits’ reconstruction between Early and Late Middle Ages at Leopoli-Cencelle by stable isotope analysis from bone proteins
David Bennett-Jones		Can lifetables confirm a relationship between stress-markers and mortality, using data from the European History of Health Project?
Mandi Curtis	Hannah Koon, Andrew Wilson, Julia Beaumont	Anabolic and Catabolic Indicators in Dentine Collagen Isotope Values from Medieval, Post-Medieval, and Modern Individuals
Mandi Curtis	Julia Beaumont, Andrew Wilson, Hannah Koon	Dietary Changes and Stress in Bone Collagen Isotopic Analysis from Modern Fauna and Medieval and Post-Medieval Individuals
Anna Davies-Barrett	Diego Badillo Sanchez, Maria Serrano Ruber, Sarah Inskip	Piping up on the issue of notches: Microscopic investigation of dental modifications caused by tobacco pipe-smoking
Giulia Di Crosta		THE CONTINUITY OF LIFE: A Comparative Analysis Between The Chinchorro Mummies Worship And The Contemporary Ancestors’ Veneration Among the Indonesian Toraja Culture
Jack Eggington	Paola Ponce	A study of the relationship between Schmorl’s nodes, body mass, and stature in two archaeological populations
Katie Faillace	Adelle Bricking	A Probable Case of Cerebral Palsy in Iron Age Britain
Martina Farese	Sara Bernardini, Carlotta Zeppilli, Ileana Micarelli, Mary Anne Tafuri, Giorgio Manzi	Living and surviving in the Roman Empire: skeletal trauma and strontium isotopes of an individual from Lucus Feroniae (Rome, Italy)
Nelly A. Fragoso	Michael A. Berthaume	Evolution of the medial and lateral fabella and cyamella (knee sesamoids) in Primates
Francesco M. Galassi	Francesco M. Galassi, Maria Teresa Magro, Rodolfo Brancato, Carmine Lubritto, Veronica Papa, Elena Varotto	A case of large bregmatic bone from Late Roman Sicily: morphological, anthropological and historical aspects
Megan Hanna Fry	Samantha McCrane, Christian McCrane, S. Conner Welty	Progress and Pitfalls of Tissue Depth Data in Forensic Facial Approximation

Georgia Holmes	Jo Buckberry, Hannah Koon	Do dead men tell tales?: An analysis and comparison of documentary and osteological data from Sheffield during the industrial revolution (18th-19th century)
Veronica Jackson	Bart Lambert, Steven Provyn, Philippe Claeys, Christophe Snoeck, Thyl Snoeck, Barbara Veselka	Trauma in medieval Ypres: preliminary results and implications
Angela Lamb	Carolyn Chenery, Jane Evans, Richard Madgwick	Wet feet - Using sulphur Isotope analysis to identify wetland dwellers
Panagiota Markopoulou		Multiple myeloma: a neoplasm disease in archaeological skeletons with the condition in the United Kingdom from the Roman period to the 19th century
Matthew J. Morley	Michael A. Berthaume	A freeware, equitable method of performing dental topographic analysis
Ruth O'Donoghue	Jo Buckberry, Hannah Koon	Exploring the early life history of the urban child during British industrialisation: incremental dentine analysis of survivors and non-survivors from a 19th century London burial ground
Bennjamin J. Penny-Mason		Hebdomadism & Health – Non-Adult Morbidity and Maturation in Later Medieval and Early Modern England
Carina Phillips	Wendy Birch, Tim Littlewood, Helen Chatterjee	Museum catalogue records, how accurate are they really? A case study on the dry specimens from the Osman Hill Collection
Paola Ponce	Katie Keefe, Jordi Ruiz, Malin Holst	Intermetatarsal non-osseous coalition: two examples from a Middle Anglo-Saxon cemetery in Lincolnshire, UK
Maria Serrano Ruber	Carla Burrell, Sarah A. Inskip, M.L.P. Hoogland, Sarah A. Schrader	The Dutch Distemper: Investigating the Effects of the Dutch Potato Blight on the Prevalence of Scurvy in a 19th Century Rural Dutch Population
Rachel Schats		The spatial distribution of cribra orbitalia in the medieval Netherlands. A relationship with malaria?
Katrien Van de Vijver	Britt Claes, Valérie Ghesquière, Louise Hardenne, Patrice Gautier, Marc Meganck	St. Anna's cemetery in Koekelberg (Brussels): The potential impact of urbanisation and industrialisation on a 19th-early 20th century Belgian population
Elena Varotto	Elena Varotto, Sebastiano Melintenda, Jesús Herrerín, Cicero Moraes, Eleonora Pappalardo, Lorenzo Guzzardi, Dario Palermo, Francesco Maria Galassi	A case of meningioma from ancient Leontinoi (Sicily, 5th-4th century BC): osteopathological analysis and reconstruction of the brain endocast