

# *33<sup>rd</sup> Annual Meeting of the CAPA-ACAP*

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## *Winnipeg, 2-5 Nov 2005*

**Oral Presentations:** Please bring your PowerPoint presentation on a USB key or CD. You must transfer your presentation to the display computer in the break prior to your paper. Use of your own laptop will only be permitted when special software is required and with advance notice. A document camera will display loose leaf sheets (in lieu of overheads) for those who wish it.

**Poster Presentations:** Posters will be secured to the walls of the poster/display room only using blue sticky tack provided by the local arrangements committee.

**Student Competition:** Students who submitted the papers that they are presenting at CAPA, are eligible for the student competition. There is both a podium and a poster award. In addition, this is the second year of the pilot project for multi-authored student papers. Student papers with a student as the first author, and that are presented by a student are eligible to be considered under this category as well (poster or podium) if the presented paper was submitted by the deadline. Eligible papers are denoted with a §.

## *Wednesday*

- 19:00 - 22:00 Registration Open
- 20:00 - 23:00 *Reception: Finger Foods and Cash Bar*

## *Thursday*

- 7:30 - 13:30 Registration Open
- 8:00 - 9:00 *Coffee*
- 9:00 - 9:15 *Welcome (R. Hoppa and S. Burke) and Opening Remarks (E. Szathmáry)*
- 9:15 - 9:30 The state of physical anthropology in Canada, 1910-1930 (B. Richling)
- 9:30 - 9:45 Can we learn anything new from a small colonial fortress community about the 1918 Influenza epidemic? (L. Sawchuk et al.)
- 9:45 - 10:00 The geographical epicentre of the 1918 Influenza pandemic (D.A. Herring and J. Padiak)
- 10:00 - 10:30 *Coffee Break & Poster Viewing*
- 10:30 - 10:45 Tuberculosis and childhood infection: investigating the family dynamic (S. Burke and L. Sawchuk)
- 10:45 - 11:00 The relationship between Hysteria and Epilepsy in the late 1800s (S. Lee)
- 11:00 - 11:15 A case of exchange: post-contact Aboriginal health in southeastern Australia (J. Littleton)
- 11:15 - 11:30 Contextualizing smoking behaviour in young Gibraltarians: the community interface (L. Sawchuk, J. Purcell et al.)
- 11:30 - 11:45 The frequency of tuberculosis-susceptibility gene polymorphisms in Manitoba Aboriginal populations and their relationship to identified MTB isolates (L. Larcombe)
- 11:45 - 12:00 Using magnetic resonance imaging to compare the frontal sinus morphology in monozygotic twins (S. Swingler et al.) §
- 12:00 - 13:30 *Lunch*
- 13:30 - 13:45 Developmental defects in two skeletal collections from England (M. Pitre) §
- 13:45 - 14:00 The supracondylar process in British Columbia skeletal samples (J. Cybulski)
- 14:00 - 14:15 New and improved? How does new technology measure up against traditional methods of endocast creation (E. MacLellan) §

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- 14:15 - 14:30 Study of the taphonomic processes affecting Skeleton #46 from Cabeço da Arruda (Muge, Portugal) (L. Anderson and C. Ingraldi) §
- 14:30 - 14:45 Bioarchaeology redux: a holistic approach to the study of biological material (L. Williams et al.) §
- 14:45 - 15:00 Patterns of traumatic injuries in Nubia during the Egyptian New Kingdom colonial occupation (M.R. Buzon and R. Richman)
- 15:00 - 15:30 *Coffee Break & Poster Viewing*
- The “Subadult”: Physical Anthropology and the Child (T. Moffat and T. Galloway, Chairs)***
- 15:30 - 15:45 The ‘subadult’: theoretical perspectives in the biological anthropology of the child (T. Moffat and T. Galloway)
- 15:45 - 16:00 Gender differences in patterns of dietary intake in a rural Canadian population (T. Galloway)
- 16:00 - 16:15 In search of the perfect pustule: challenges to national smallpox inoculation in 19<sup>th</sup> century U.K. (J. Padiak)
- 16:15 - 16:30 Exploring childhood growth, morbidity, and mortality in Roman Italy (T. Prowse et al.)
- 16:30 - 16:45 Infant health: modelling adaptation and stability in of middle ground subsistence economies (D.C. Merrett)
- 16:45 - 17:00 The children of Kellis 2: bioarchaeology of a Roman Period cemetery in Dakhleh, Egypt (S. Wheeler et al.) §
- 17:00 - 17:15 Growing up north: the archaeology of childhood in Nunavut (R.W. Park)
- 17:15 - 17:30 Diet and growth of Makushi Amerindian children in neighbouring villages in Guyana (P. Palmer and W. Wilson) §
- 17:30 - 17:45 The human child in primatological perspective: insights and obstacles (I.C. Colquhoun)
- 17:45 - 18:00 *Coffee*
- 18:00 - 18:45 *Guided Ghost Tour of the Hotel Fort Garry*

## *Friday*

- 7:30 - 13:30 Registration
- 8:00 - 9:00 *Coffee*
- 9:00 - 9:15 *Welcome (R. Hoppa and S. Burke)*
- 9:15 - 9:30 Changing paradigms in the study of primate origins (M. Silcox)
- 9:30 - 9:45 Relative success of Trichromatic and Dichromatic Capuchins (*Cebus capucinus*) in foraging on camouflaged insects in a tropical dry forest (A. Melin et al.) §
- 9:45 - 10:00 Hand manipulation skills of Gibbons (J.M. Prime)
- 10:00 - 10:30 *Coffee Break & Poster Viewing*
- 10:30 - 10:45 Teotihuacan's interaction with the Guatemalan Pacific Coast: preliminary isotopic evidence (C. White et al.)
- 10:45 - 11:00 Isotopic and dental evidence of diet in a pioneer population from Port Hope, Ontario (K. Blackbourne) §
- 11:00 - 11:15 Ancient travellers from Pacatnamu, Peru: evidence from phosphate oxygen-isotope ratios in human tissues (A.J. Nelson et al.)
- 11:15 - 11:30 Patterns of in-house Iroquoian burials, in the context of early historic ethnography (C. Forrest)
- 11:30 - 11:45 Timing of formation of localized hypoplasia of the primary canine in humans (S.R. Saunders et al.)
- 11:45 - 12:00 Can dental health provide insight into the transition from foraging to pastoralism in the Eastern Cape, South Africa? (J.K. Ginter)
- 12:00 - 12:15 Dental Variation in Modern Populations (J.C. Rodas)
- 12:15 - 13:30 *Lunch*
- 13:30 - 13:45 Muscular robustness and morphological study of the upper limb articulations in humans (K. Rabey) §
- 13:45 - 14:00 Survey of degenerative joint disease in Maya skeletal remains (T. Dormon) §
- Mummy Studies (Heather Gill-Robinson, Chair)***
- 14:00 - 14:15 The significance of the paleoepidemiological study of American Trypanosomiasis (A.C.

Aufderheide)

14:15 - 14:30 A minimally destructive protocol for the analysis of proteins in Egyptian mummies (Ryan Metcalfe)

14:30 - 14:45 Traumatic injuries among the mummies of Akhmim, Egypt (J. Elias)

14:45 - 15:00 The current State of Mummy Studies (H. Gill-Robinson)

15:00 - 15:30 *Coffee Break & Poster Viewing*

***Plenary Speaker:***

15:30 - 17:00 Mummies inside out: CT-scanning of mummies and the implications for documentation and research. (Niels Lynnerup, University of Copenhagen)

17:00 - 17:30 *Coffee Break*

17:30 - 18:30 ***Business Meeting***

18:30 - Cash Bar opens at Banquet

19:30 - Buffet served at Banquet

## *Saturday*

8:00 - 9:00 *Coffee*

9:00 - 9:15 *Welcome (R. Hoppa and S. Burke)*

### ***Forensic Anthropology: Methods and Theory (T. Rogers, Chair)***

9:15 - 9:30 Utilizing geographic information systems in the search for human remains (W. Taylor) §

9:30 - 9:45 Reconstructing the evidence: recovering buried remains (S. Calce)

9:45 - 10:00 Bone weathering and the post-mortem interval: femur vs metatarsal (M.A. Wrobel) §

10:00 - 10:30 *Coffee Break & Poster Viewing*

10:30 - 10:45 Variation in cortical bone histology within the human femur and its impact on estimating age-at-death (A.H.W. Chan et al.) §

10:45 - 11:00 The benefits of 3D imaging in research bone pathology (S. Spigelski) §

11:00 - 11:15 The determination of the sex and ancestry of cremated remains: assessment of the effects of heat-induced shrinkage (S. Marciniak and T.L. Rogers) §

11:15 - 11:30 Personal identification using the frontal sinus (J.L. Besana)

11:30 - 11:45 Collection of photographic evidence for trial purposes and construction of demonstrative aids (S.A. Tsukamoto and J.L. Besana)

11:45 - 12:00 *Closing Remarks (S. Burke and R. Hoppa)*

12:00 - 13:30 *Student Lunch*

13:30 - 15:00 ***Student Workshop: Strategies for Successful Funding***

## *Posters*

1. Genocide as 'Applied Biology' – the role of physical anthropology in Nazi Germany (H. Kron) §
2. From dawn 'til dusk: the activity pattern of *Carpolestes simpsoni* (R. ten Bruggencate)
3. An assessment of compact bone microstructure and its use in differentiating between mammalian species, including *Homo sapiens* (M. Hillier and L.S. Bell)
4. Non-metric analysis of the dentition from Bronze Age Tell Leilan, ancient Mesopotamia (N.C. Lovell and S. Haddow).
5. A measurement error study using small-bodies insectivoran M<sub>2</sub> dimensions (N. Shykoluk and M. Silcox) §
6. Excavation of a rural Roman cemetery at Vagnari, south Italy (T. Prowse)
7. The identification of Paget's Disease in a prehistoric specimen from Ontario (J. Gardner et al.)
8. Disease and the city space: preparing to view Winnipeg's core from a syndemic perspective (A. Mavridis)
9. Living and dying in a mining town: Bell Island, Newfoundland, 1909-1918 (N. Ludlow)

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