



Newsletter

Message from the President

Rob Hoppa

As my inaugural 'message from the president' it seems only fitting that I begin by thanking all those who have served as executive and operating officers of the Association - Andrew Nelson (President) and Pascale Sicotte (Secretary-Treasurer). And of course I am excited to be part of the current team as we continue to build the membership and enhance the discipline of physical anthropology within both academia and the broader public. Andrew will now serve the important role of Past-President, Stacie Burke takes over from me as Editor of the Newsletter and Ian Colquhoun took over at the beginning of the year as Secretary-Treasurer. Dori Rainey was elected as the new Student Representative last year and Leslie Chan and Jennifer Johnson continue to manage our website. Thanks also to Tracy Wyman who has continued to help manage and facilitate the CAPA email list serv from the University of Calgary. For the (rest of the) upcoming year, it is

my hope to work with Dori to help address issues of relevance to the student membership of CAPA. It is my hope in particular that we can continue to promote the Association to students and encourage the continued growth of the student membership. To that end, Tanya von Hunnius created a PowerPoint promotional slide, which Isabelle Ribot translated into French. This has been forwarded to members, as well as departments across Canada for use by instructors at the beginning of term (or when convenient) to introduce the Association to students. And finally, as most of you know, I have been engaged in some discussion regarding perennial issues of funding for physical anthropology in Canada. I strongly encourage you to contact me by email if you have any concerns, ideas, or suggestions for the Association and I look forward to seeing you all in the fall in Peterborough!

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2006 CALL FOR PAPERS CAPA TRENT, PETERBOROUGH

The 34th annual CAPA meeting organizing committee of Anne Keenleyside, Joseph So, and Jocelyn Williams are pleased to invite you to attend the 2006 annual meetings hosted by Trent University.

The meetings will be held at the Holiday Inn Waterfront in Peterborough, 25-28 October 2006.

The website for the meetings is available at <http://www.trentu.ca/anthropology/capa/>


Important dates to note are the deadline for proposed symposia (July 1) and for abstracts and pre-registration (September 1).

PLEASE NOTE: You must be a member in good standing and have pre-registered to present.

In addition, because of the increasing number of student presentations eligible for the student prizes, students wishing to be considered for the student competition will

be required to submit a paper copy of their poster or text/slide show prior to the meetings. These will then be provided to judges ahead of time. The deadline for students to submit a paper copy of their poster or text/slides is **October 10**. Further details are posted on the website.

See you in Peterborough!

CAPA 2006
Peterborough,
ON

Symposia proposals due:
1 Jul 2006

Abstracts due:
1 Sep 2006

HIGHLIGHTS

- CAPA 2006 Conference Announcement
- News from Members
- Meetings of Interest
- CAPA 2005 Conference Abstracts



Message from the CAPA Student Representative

Dori Rainey

Greetings and Salutations!

As we all get ready for our field seasons and months of writing (particularly for your student representative!) I would like to recap some important issues that appeared at the CAPA meetings in Winnipeg and give our student members some things to think about in preparation for the upcoming meetings in Peterborough. The CAPA meetings in Winnipeg were a great success, once again with a high amount of student participation. As student representative, my role is to relay the ideas and issues of concern to the student members to the executive committee. The last meeting saw the first time students were required to submit papers and presentations in advance of the meetings. This was seen as necessary by the organizers due to the high number of eligible submissions for the 2004 CAPA meeting in London resulting in undo strain on the judges. While this was not set as policy during the business meeting, it was seen as having a positive effect on the

number and quality of submissions. This policy is in concordance with other professional Anthropology Associations.

It was brought to my attention that there was confusion regarding the criteria used to judge papers eligible for the student prize. There is no distinct breakdown of criteria for the judging of student papers. The presentation is judged as a whole, rather than as the sum of its parts. The CAPA webpage (www.capa-acap.org) contains a section entitled *Guidelines for Student Papers*, accessible through the *Publications* link on the home page. This is a great resource discussing aspects considered by the judges including, but not limited to: the abstract, content of the paper, oral presentation, organization, and visual aids. I would like to point out that with the joys of PowerPoint, it is quite easy to over-emphasize visual aids at the expense of the other aspects. I would also like to remind students of the CAPA website as a resource for potentially useful information regarding

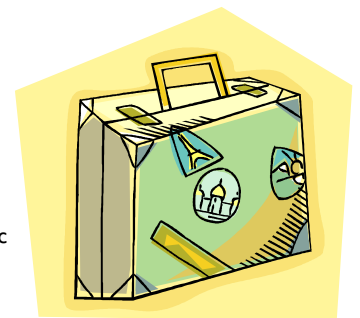
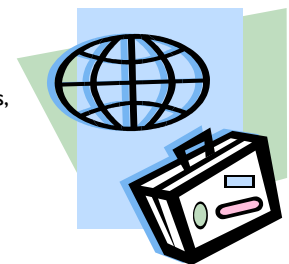
upcoming field schools and funding opportunities under *Resources for Physical Anthropologists*.

If you have any concerns or ideas, please feel free to contact me anytime through my email address (raineydl@mcmaster.ca). I will also be attending the 2006 meetings at Trent, so feel free to chat with me there. I would also like to strongly urge our student members to attend the business meeting. This is where issues are discussed and decisions are made, and while it is my job to represent your views to the executive, my vote only counts as one.

Happy digging, analyzing, and writing!

Meetings and Workshops of Interest

- [Investment and Citizenship: Towards a Transdisciplinary Dialogue on Child and Youth Rights](#), St. Catharines, Ontario, 19-21 July 2006
- [Inforce Workshops on Mass Grave Investigation and Incident Mortuary Operations](#), England, Aug 2006
- [29th Meeting of the American Society of Primatologists](#), San Antonio, Texas, 16-19 Aug 2006
- [16th European Meeting of the Paleopathology Association](#), Santorini, Greece, 28 Aug - 1 Sep 2006
- European Anthropological Association, Budapest, 1-4 Sep 2006
- [UISSP XVth Congress](#), Lisbon, Portugal, 4-9 Sep 2006
- [Society of Vertebrate Paleontology](#), Ottawa Ontario, 18-21 Oct 2006
- **[Canadian Association for Physical Anthropology, Peterborough, Ontario, 25-28 OCT 2006](#)**
- [Social Science History Association](#), Minneapolis, 2-5 Nov 2006
- Plains Anthropological Conference, Kansas, 8-11 Nov 2006
- Chacmool, University of Calgary, 11-14 Nov 2006
- American Anthropological Association, San Jose, CA, 15-19 Nov 2006
- [IUAES Inter-Congress](#), University of Cape Town, South Africa, 3-7 Dec 2006
- [Inforce Annual Forensic Conference](#), Bournemouth University, England, 14-16 Dec 2006
- Annual Symposium of the Society for the Study of Human Biology: Medicine and Evolution, York, UK, Dec 2006
- [5th Annual Hawaii International Conference on Arts and Humanities](#), Honolulu, Hawaii, 12-15 Jan 2007
- [American Association of Physical Anthropologists](#), Philadelphia, Pennsylvania, 28-31 Mar 2007
- [Congress of the Humanities and Social Sciences](#), Saskatoon, Saskatchewan, 26 May - 3 June 2007
- **[Canadian Association for Physical Anthropology, Banff, Alberta Fall 2007](#)**





MEMBER NEWS

UNIVERSITY OF WINNIPEG

Mary Silcox writes:

I have continued my NSERC funded research into the origins of the order Primates, publishing a major paper (with J.I. Bloch) on the cranial anatomy of the plesiadapiform *Carpolestes simpsoni* in the January volume of the *Journal of Human Evolution*. I also traveled to Anchorage, AK, for the American Association of Physical Anthropology Meetings in March, where I presented a paper (with J.I. Bloch) on the upper incisors of plesiadapiforms. This summer, undergraduate Claire Dalmyn and I will be doing fieldwork in the Crazy Mountains Basin, looking for Paleocene mammals with researchers from the University of Florida and SUNY Stony Brook.

LAKEHEAD UNIVERSITY

Tamara Varney writes:

Tamara has had a good first year at Lakehead U in her new position in the Anthropology Department. She was busy settling in and setting up the lab for preparation of samples for stable isotope and other analyses. Her project with Dr. Matthew Boyd (also LU) "Socio-economic transformations at the North American prairie-forest interface, ca. 100 BC – AD 1500" (funded by SSHRC) got underway over the past winter as well, and the first isotopic results are being anxiously awaited.

She is now preparing for her field season in Antigua, West Indies, and looking forward to another session of the field school (taught through the U of Calgary). Her field activities this year include resumption and completion of excavations at an early colonial plantation family vault that is being mitigated. The site is being studied and restored after partial disturbance by looters a few years ago. It is an exciting project as two of the individuals are known and the family is linked to some intriguing historical events.

Tamara is also thrilled to be joined by Stacie Burke (U of Manitoba) in the pre-excavation season in Antigua to begin a collaborative project studying demography and health patterns in colonial Antigua. They plan to

spend a couple of weeks at the National Archives. This project builds nicely on the bioarchaeological work that has been done previously by Tamara at a former Royal Naval Hospital cemetery associated with the Naval dockyard at English Harbour.

Christine Lawrie, an undergraduate honours student, spent a couple weeks in November at the Swedish National Historical Museum in Stockholm, Sweden collecting metric and non-metric cranial data from the medieval Westerhas skeletal collection. She has recently completed her honours thesis on sex determination from the mandible and application of the FORDISC 3.0 program under Tamara's supervision. She is looking forward to attending her first CAPA meeting this fall at Trent.

MCMASTER UNIVERSITY

Tracy Prowse writes:

Tracy Prowse will be excavating the Roman period cemetery at Vagnari (Italy) this July, and she plans to run a bioarchaeological fieldschool at Vagnari in 2007. Tracy is moving to the U.S. in August to start a tenure-track position at Southern Illinois University Carbondale, but she will always remain a devoted CAPA member!

UNIVERSITY OF MANITOBA

Linda Larcombe writes:

Drs. Linda Larcombe and Pamela Orr received a three-year grant from the National Sanitarium Association to investigate tuberculosis susceptibility genes and polymorphisms in the cytokine promoter region of DNA from contemporary and ancient Aboriginal populations in Manitoba. This innovative research seeks to test whether or not *Mycobacterium tuberculosis* (MTB) infected Aboriginal people have a higher frequency of tuberculosis-susceptibility gene polymorphisms (SNPs) compared to the general Canadian-born populations and determine whether or not these gene polymorphisms were present in these populations prior to the arrival of Europeans. The incidence of tuberculosis among the Aboriginal (Cree, Ojibwa, Dené and Inuit) (48.4 per 100,000) is five times higher than the overall provincial rate of 9.2 per 100,000 and in certain northern Canadian communities the incidence exceeds 500 per 100,000 in some areas. Identification of numerous MTB strains in Manitoba, continuing MTB outbreaks in

northern communities and the high frequency of severe forms of MTB (TB of the central nervous system) among certain Aboriginal groups suggests that the prevalence of MTB may be the result of a complex interaction between the host, the pathogen and the influence of social factors that are poorly understood.

While host genetic factors are important in determining disease progression, factors within the pathogen also play a role in disease outcome. DNA fingerprinting has demonstrated that there are regions of the MTB genome associated with repetitive DNA sequences and insertion elements. DNA typing of the insertion sequence IS6110 has been used to identify different clinical isolates which have been associated with variable infectivity and virulence. Novel strains of MTB identified in northern Manitoba have been shown to differ in their infectivity and virulence. The correlation and spatial relationship between the host genetics and the distribution of various MTB strains and their DNA fingerprint will be analyzed using a geographic information system (GIS). Data about the host (sex, age, family history, individual behaviour with regards to travel and contact) and the pathogen (isolate identification, location and date of diagnosis,) will be collected in compliance with privacy policies. The locations of identified MTB strains will be spatially represented in the GIS by identifying the site of diagnosis and the place of residence of the individual infected. The ability to assess the relationship between each of the host's genetic variables and the identified MTB strains may provide important insights into the initial occurrence, spread and evolution of MTB strains in relation to certain SNPs associated with MTB susceptibility thereby enabling more specific identification of high risk centers and cohorts. This method of analysis is a novel but well suited approach for the analysis of the complexity of social and disease networks in the remote northern reserve communities. Management of multiple levels of data in a GIS will facilitate a better understanding of the social factors and networks that facilitate disease transmission and this approach may highlight "high-risk" individuals and behaviors and improve the usefulness of contact information. To-date, one community has been enrolled in the study and it is anticipated that another will be included this summer.

Dr. Larcombe is a Postdoctoral Fellow with the Department of Medical Microbiology and Infectious Diseases, University of Manitoba and Research Affiliate with the Department of Anthropology, University of Manitoba. She is an alumnus of the Department of Anthropology, University of Manitoba. Dr. Pamela Orr is a Professor in the Department of Medical Microbiology and Infectious Diseases.



Membership Form

Canadian Association for Physical Anthropology L'Association Canadienne D'Anthropologie Physique

New Member [] or Renewal []

Full Membership \$50.00 [] (\$42.00 if remitting in US currency)

or Student \$25.00 [] (\$21.00 if remitting in US currency)

Institution \$60.00 [] (\$50.00 if remitting in US currency)

Life Time \$750.00 [] (\$623.00 if remitting in US currency)

Name: _____

Mailing Address:

Postal Code: _____

Affiliation and department: (if different from mailing address)

email: _____

publish email with membership list []

/do not publish with membership list []

phone: _____

publish with membership list []

/ do not publish with membership list []

fax: _____

publish with membership list []

/ do not publish with membership list []

Demographic information: (will not be published in membership list; for tracking trends only)

Research Fields: (please indicate primary and secondary)

1.

2.

If you are an instructor / professor, what is your rank?

If a student:

Undergraduate [] year (e.g., 3rd) [] or MA [] year [] or M Sc [] year [] or PhD [] year []

If a Postdoctoral Fellow, funded by:

If none of the above:

Please make cheque or money order payable to:

Can Assoc for Phys Anthro and forward to:

Dr. Ian Colquhoun

CAPA Secretary/Treasurer

Dept of Anthropology

The University of Western Ontario

London, Ontario, Canada

N6A 5C2

email: colquhou@uwo.ca



On the Web...

- [Evolution and Intelligent Design: SSHRC in the News](#) (5/4/2006)
 - http://www.sshrc.ca/web/whatsnew/alters_e.asp
- [The Challenges Facing an Urban World](#) (13/6/2006)
 - <http://news.bbc.co.uk/2/hi/science/nature/5054052.stm>
- [Body Shape Changes with the Seasons](#) (12/6/2006)
 - http://dsc.discovery.com/news/briefs/20060612/figurechange_he.html
- [Tooth Gives Up Oldest Human DNA](#) (6/6/2006)
 - <http://news.bbc.co.uk/1/hi/sci/tech/5052414.stm>
- [Old Tools Shed Light on Hobbit Origins](#) (31/5/2006)
 - <http://www.nature.com/news/2006/060529/full/441559a.html>
- [New Monkey Species Said Found in Brazil](#) (18/5/2006)
 - <http://www.msnbc.msn.com/id/12861540/>

We would like to hear from you!

Please send submissions to: burkes@cc.umanitoba.ca



**2005 CAPA
Student Prize
Winners**

Thanks to our 2005 student
paper judges:

**Jerry Cybulski
Tracy Prowse
Mary Silcox**

33rd Annual CAPA Meetings (Winnipeg)

Andrew Nelson (16 November 2005) writes:

Hello CAPA members:

As my final duty as departing President of our fine organization it is my pleasure to send you a short report on the recent conference in Winnipeg, and to announce the winners of the student prizes.

Rob Hoppa and Stacie Burke are to be congratulated on hosting an outstanding conference. Everything was well organized and it all ran wonderfully smoothly! Many thanks also to all the volunteers and sponsors who made it possible. Given the weather that "Winterpeg" is experiencing now, we should also thank Mother Nature for holding off on the snow!!

Events of the meeting that are worthy of note include:

- * the very interesting Plenary talk by Niels Lynnerup of the University of Copenhagen. His topic was "Mummies inside out." and he shared some amazing images and stories with us.
- * an excellent banquet, with a wealth of door prizes!
- * a very entertaining talk on the ghosts of the Fort Garry hotel!
- * the Association's archive of newsletters and issues of the Canadian Review of Physical Anthro-

pology are all digitized and we are in the process of making them accessible through the CAPA web site. Keep an eye out for further developments.

And now...drum roll please...the student prize winners. This year there was only one poster entrant—so the poster and paper entries were considered together. The winner of this combined category was Martyna Wrobel of the University of Toronto for her paper "Bone weathering and the post-mortem interval: Femur vs. metacarpal". The winner of the multi-authored paper category was Amanda Melin of the University of Calgary, for the paper "Relative success of trichromatic and dichromatic capuchins (*Cebus capuchinus*) in foraging on camouflaged insects in a tropical dry forest". It was an excellent field of student papers this year—congratulations to the winners—and to all the student presenters! An of course—many thanks to the student paper judges.

Of particular importance are the changes in the composition of the CAPA executive. Rob Hoppa is now our President and Dori Rainey is now the student representative. Many thanks to you all for giving me the opportunity to serve as president for the past 3 years - I have thoroughly enjoyed it!

See you all in Peterborough next year when Anne Keenelyside will host our 34th annual meeting.