



CANADIAN ASSOCIATION FOR PHYSICAL ANTHROPOLOGY
L'ASSOCIATION CANADIENNE D'ANTHROPOLOGIE PHYSIQUE

Newsletter

Editor
Megan J. Highet

Volume 2011 Issue 2
Fall 2011

Message from the Incoming President

Tina Moffat

All of you who were in Montreal for our annual meeting of the Association will agree that we had a wonderful time! *Merci* to Michelle Drapeau, Isabelle Ribot, and Fanny Morland, the chairs of the local arrangements committee, and their volunteers for all their hard work! The meeting was very well attended and extremely well organized. I know we are all looking forward to the 2012 meeting to be held in Victoria. We are still looking for a site for the 2013 meeting, so please contact me if you are thinking about hosting.

Those of you who did not attend the Montreal CAPA Business Meeting will not know that 2010 was a record year for registration, 223 members in total, up from 100 members in 2010. While our Secretary/Treasurer, Ian Colquhoun, suggested this growth might be attributed to the "Montreal Effect", this may be a sign of a vibrant and growing membership that I hope to nurture during my term as President. One idea I have for CAPA, to perhaps promote or at least maintain the membership numbers, is to introduce electronic membership renewal through our website. I will investigate some options for this and consult with members in the near future.

At this time I would like to thank our outgoing president, Rob Hoppa, for his outstanding contribution to the Association over the past six years (two terms). Rob has been instrumental in creating a welcoming Association for faculty, non-faculty and student members alike. He is extremely knowledgeable about CAPA, its members and meeting arrangements, having hosted meetings numerous times at the University of Manitoba. We will continue to draw upon his knowledge and experience in future years; I look forward to working with him during the transition period.



Dr. Tina Moffat

In closing, I invite you to feel free to email (moffatcs@mcmaster.ca) or to chat with me any time about your ideas or concerns regarding CAPA. I welcome your input and look forward to working with you over the next three years. See you in Victoria!

Congratulations to the 2011 Student Prize Winners!

The Oschinsky-McKern Prize for best podium presentation was awarded to **Andrew Wade** (University of Western Ontario).

The Davidson Black Prize for best poster presentation was awarded to **Kandace Bogaert** (McMaster University).

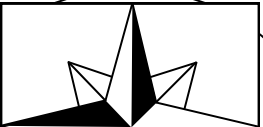
WE WANT TO HEAR FROM YOU!

Please send submissions to:

meganz@ualberta.ca

Deadline for the Spring Issue:

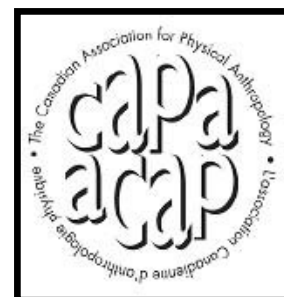
April 13, 2012



CAPA 2012
Victoria, British Columbia
Host:
**The University
of Victoria**
November
2012

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Message from the Editor

Megan J. Highet

Hello CAPA Membership!

As I enter into my second term as Newsletter Editor, I find myself looking forward to the future of the association with great enthusiasm. It has been my pleasure to work with the outgoing President, Dr. Rob Hoppa and Student Representative, Christine Boston over the past few years, and although their departures mark a period of change for the association, it remains an exciting time for CAPA! Our membership is growing, we recently welcomed Dr. Tina Moffat as our new President and a new Student Representative will be named by the end of the month!



Megan J. Highet

My goal over the past three years has been to build upon the newsletter content by introducing new regular features to each volume. Thus far, this has included 'Notes from the Field' and the 'Graduate Student Profile', as well as the 'Book Corner' which showcases books recently published by or of interest to our members.

I am very pleased to report that I have seen a steady increase in member participation in recent issues of the newsletter, including growing interest being expressed in the submission of short articles addressing a wide range of topics, several of which have been published in recent issues. I am excited about these additions and anticipate more to come in the future.

Along these lines, it is my goal for the next three years to continue working towards increasing member participation in our newsletter specifically, and communication among the membership in general, and I welcome your input or suggestions in this regard. I would also like to take this opportunity to encourage everyone, including student members, to contact me (meganz@ualberta.ca) if you are interested in submitting something for a future issue, or to nominate a student to be featured in a future Graduate Student Profile.

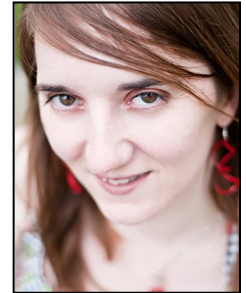
I am looking forward to attending the 2012 meetings in Victoria and hope to see many of you there!



Message from the Student Representative

Christine Elisabeth Boston

As my term as CAPA Student Representative comes to a close, I cannot help but reflect on what the last two years have been like. I entered into this position with goals of increasing and maintaining the student membership, which had begun to dip just before I began my term, and I hope that I fulfilled that goal. I have heard from several new members, particularly undergraduate students, who have joined CAPA, and I hope this trend continues. As the student membership makes up the majority of the membership for CAPA, it is important to maintain these numbers, as well as capture the interest of undergraduate students both to aid in this goal and expand the diversity of the membership as a whole.



Christine Elisabeth Boston

I also had the pleasure of working with Megan Highet, CAPA Newsletter Editor, on composing a proposal for increasing student conference travel funding through the organization. I am pleased to see that monetary aid was available to students at this year's meeting, and I hope this trend continues. Attending and presenting at conferences is integral to the professional development of all members, but it is often times difficult for students who work within limited budgets. Support of the student members for attending and presenting at the CAPA meetings should continue and be a permanent fixture for all future conferences.

As well, I researched the terms of the CAPA membership, particularly the start and end dates of membership terms, and I found that the terms of CAPA membership are some of the best and most flexible for its members, particularly its students. I remind everyone that while the membership term starts in January and runs until December, members who renew in the middle of the year do not lose their benefits of membership as would occur in many other professional societies. I realize that it is easy to forget to renew at the beginning of the year, so it is nice to know that renewal throughout the year is available to everyone without penalty.

All in all, I believe the last two years have been successful and valuable. This experience has been incredible and enjoyable. To the new CAPA Student Representative, I wish you the best of luck and hope that you continue to increase student membership, as well as increase awareness of the issues faced by students as the years go on. And above all, to everyone, remember to have fun.

It has been great working with everyone and I hope to continue to work with you in additional capacities within this great organization.

Notes from the Field

Roxana Ferlini (University College London) writes:

A mass grave containing the bodies of 14 miners that were executed during the Spanish Civil War (1936-1939) located in Joarilla de las Matas, Castilla y Leon, Spain. This is the largest mass grave exhumed so far this particular region. Once each body was exhumed, the body was examined for a general biological profiling. The work was sponsored by the Spanish Ministry of the Presidency through the Association for the Recuperation of Historical Memory (ARMH).

The exhumation took place from August 17th to August 26th, 2011; then the mass grave was closed.

My role in part was to aid in the exhumation process. Then I did biological profiling on some of the bodies as they were coming out, and assessed any trauma present. As it is the case for most Spanish Civil War victims the trauma normally is gunshot wounds to the head.



Excavation Site: Joarilla de las Matas, Castilla y Leon, Spain (Photo by Roxana Ferlini).

Meetings of Interest

Hawaii International Conference on Arts & Humanities, Honolulu, HI January 10-13, 2012

American Academy of Forensic Sciences, Atlanta, GA, February 20-25, 2012

Society for Anthropological Sciences, Las Vegas, NV, February 22-25, 2012

North American Meeting of the Paleopathology Association, Portland, OR, April 10-11, 2012

Human Biology Association, Portland, OR, April 11-12, 2012

American Association of Physical Anthropologists, Portland, OR, April 11-14, 2012

Canadian Anthropology Society, Edmonton, AB May 9-12, 2012

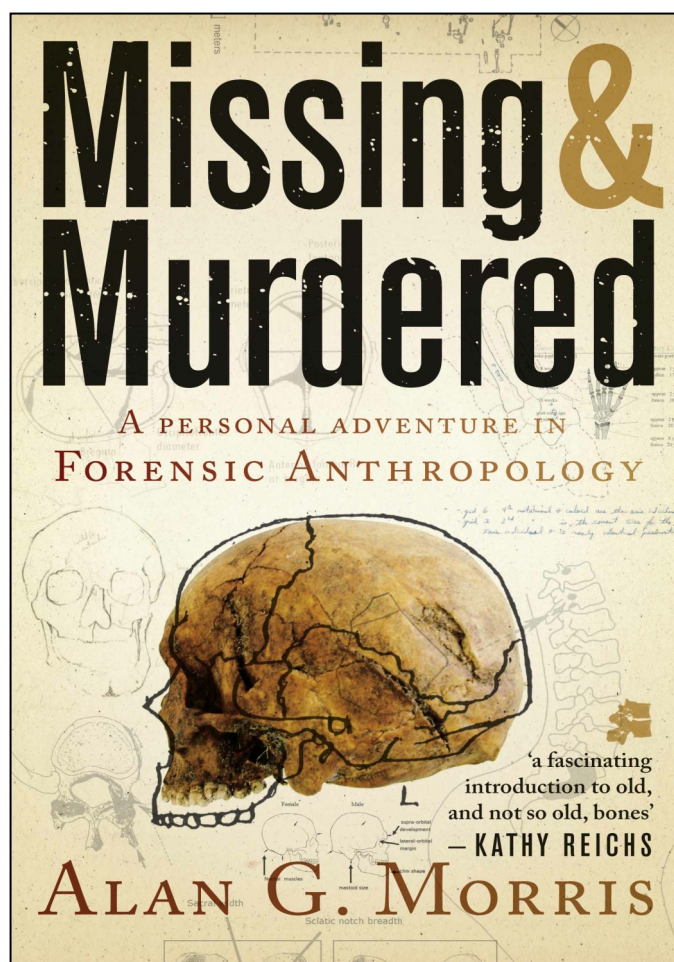
Canadian Archaeological Association, Montreal, QC, May 16-20, 2012

European Meeting of the Paleopathology Association, Lille, France, August 27-29, 2012

Canadian Association for Physical Anthropology, Victoria, BC, November, 2012

American Anthropological Association, San Francisco, CA November 14-18, 2012

Book Corner



Graduate Student Profile: Dejana Nikitovic

PhD Candidate, Department of Anthropology, University of Toronto

My main area of expertise is human skeletal biology, with particular focus on issues of juvenile health, growth and development. My academic degrees (B.A. in Archaeology, M.Sc. in Human Biology, and pursuing PhD in Biological Anthropology) are supplemented with extensive archaeological field work experience and



Dejana instructing students in *Advance Topics in Human Osteology*, University of Toronto Scarborough (Photo by Dr. Larry Sawchuk).

analysis of skeletal material in archaeological and forensic contexts. Anchored in the practical and academic background, my interdisciplinary research focuses on the interaction between social and biological factors. I am primarily interested in three areas of research: 1) social construction of childhood in past populations, 2) ontogeny of sexual dimorphism, and 3) paleopathology.

Social construction of childhood in past populations

My PhD research at the Department of Anthropology, University of Toronto, examines the social construction of childhood in ancestral and historic Puebloan groups from the American Southwest (A.D. 890-1680). In studies of populations from archaeological context, childhood is usually equated with biological immaturity, marked with cessation of growth. However, while growing is a biological process common to all human beings, it happens within specific cultural contexts. Every society will construct its own understanding of childhood, which does not necessarily link directly with chronological or biological age. As such, in studies of archaeological populations the social construction of childhood needs to be investigated, rather than assumed.

My research builds on the assumption that cultural practices, conditioned by age identity, create social environments that have a great impact on growth and health, leaving traces that are visible through skeletal analysis. In 2010 I participated in designing a study that analysed growth and the appearance of pathological cranial porosity among juveniles from ancestral and historic Puebloan sites in relation to the socially meaningful age groups among modern Puebloan tribe (Tewa). Our results suggested that stunting, poor health in general and high mortality occur before the socially important transition from a young to an older child.

My doctoral research expands existing scholarship by incorporating ethnographic data, with information derived from skeletal and archaeological material, to deepen an understanding of how children were defined and treated in Puebloan societies. I used rich ethnographic data to develop a model of socially constructed age identities among modern

Pueblo tribes. This model, which focuses on age-dependent variables traceable archaeologically through analyses of skeletal and mortuary data, is tested on six sites or site complexes that belong to different periods of Puebloan history, namely Mesa Verde, Chaco Canyon, Arroyo Hondo, Grasshopper, San Cristobal and Hawikku. Comparing patterns from the sites that belong to different time periods will allow tracing diachronical changes in social construction of childhood. Furthermore, my research examines interactions between childhood and other forms of identity (specifically ethnolinguistic groups, social strata and genders). This holistic study will reveal children as active agents in their cultural and physical environment, increasing our knowledge of childhood in American Southwest, as well as dynamic cultural processes that shaped ancestral and historic Puebloan groups.

Ontogeny of sexual dimorphism

Finding methods for accurate estimation of sex in juvenile skeletons has been an important goal for biological and forensic anthropologists. Working on the documented skeletal collection housed at the Bocage Museum in Lisbon, Portugal, I have been examining morphological and metrical sexual differences among juveniles. Along with testing existing methods (particularly morphology of the greater sciatic notch), my research project involved examining new methods for sex estimation in juveniles – namely the dimensions of the basiocranium. Results indicate lower sexual dimorphism in the Portuguese collection compared to other samples, suggesting population variability of sexual dimorphism. Following these findings, I am currently focusing on examining the influence that environment (physical and social) has on ontogeny of sexual dimorphism and the expression of sexual dimorphism in adults.

Paleopathology

Paleopathological studies are mostly the result of a joint research project with the Institute for Anthropological Research in Zagreb, Croatia. Research involves skeletal analyses of prehistoric and historic Croatian sites. Following studies on autoimmune joint diseases and elongated styloid process, we are currently conducting research on pathological conditions on juvenile skeletal remains, such as scurvy and trauma (particularly dislocations).

Peer Reviewed Publications:

Schillaci MA, **Nikitovic D**, Akins N, Tripp L, Palkovich A (2011) Infant and juvenile growth in Ancestral Pueblo Indians. *American Journal of Physical Anthropology* 145:318-326.

Šikanjić-Rajić P, **Vlak D** (2010) Elongated styloid process in Late Medieval skeletons from Uzdolje-Grablje, Croatia. *International Journal of Osteoarchaeology* 20:248-252.

Šikanjić Rajić P, **Vlak D** (2010) Autoimmune joint diseases in Late Medieval skeletal sample from Croatia. *Rheumatology International* 30:349-356.

Veroni A, **Nikitovic D**, Schillaci MA (2010) Sexual dimorphism of the juvenile basiocranium. *American Journal of Physical Anthropology* 141:147-151.

Roksandic M, **Vlak D**, Schillaci MA, Voicu D (2009) Applicability of tooth cementum annulation to an archaeological population. *American Journal of Physical Anthropology* 140:583-588.

Vlak D, Roksandic M, Schillaci MA (2008) Greater sciatic notch as a sex indicator in juveniles. *American Journal of Physical Anthropology* 137:309-315.

Roksandic M, Wood C, **Vlak D** (2007) Death in the line of duty: Late Medieval burials at the site of Lepenski Vir (Serbia). *International Journal of Osteoarchaeology* 17:635-642.



Membership Form (2011)

Canadian Association for Physical Anthropology

L'Association Canadienne D'Anthropologie Physique

New Member [] or Renewal []

Full Membership \$50.00 [] (Canadian or US funds)

or Student \$25.00 [] (Canadian or US funds)

Institution \$60.00 [] (Canadian or US funds)

Life Member \$750.00 [] (Canadian or US funds)

Please make your cheque or money order payable to:
CAPA (Cdn Assoc for Phys Anthro).

and forward, with completed Membership Form, to:

Dr. Ian Colquhoun

Secretary-Treasurer, CAPA-ACAP

Dept. of Anthropology, U. of Western Ontario

1151 Richmond Street

London, Ontario, CANADA

N6A 5C2

(Questions? Sec-Treas. email: colquhou@uwo.ca)

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 []

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

Research Fields (please indicate primary and secondary research interests/activities)

1.

2.

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

If a **student**, please give level and year: **Undergraduate** [] year (e.g., 3rd) []; or, **MA** [] year [];

or, **MSc** [], year []; or, **PhD** [] year []

If a **Postdoctoral Fellow** [], position funded by:

If none of the above:

MEMBER NEWS

McMASTER UNIVERSITY

Tina Moffatt writes:

Kirsten Bos and Hendrik Poinar from the McMaster Ancient DNA Centre and colleagues have reconstructed a draft genome of *Yersinia pestis*, the pathogen putatively responsible for the Black Death in Europe during the 14th century. doi:10.1038/nature10549

UNIVERSITY OF CALGARY

Warren Wilson writes:

In April and May 2011, in collaboration with Jason DeCaro (U. Alabama), Benedikt Hallgrímsson (U. Calgary), and Mange Manyama (Weill Bugando University College of Health Sciences, Mwanza, Tanzania), Warren Wilson (U. Calgary) collected data on the health of 150 mothers and their children in the peri-urban area around Mwanza, Tanzania. We designed this project to first, document patterns of health among mothers and their children less than 5 years of age, and second, to consider possible predictors of these health outcomes. The health outcomes considered include nutritional status, assessed via weight and height measurements, immune function, determined via blood drops, and maternal mental health. The possible predictors considered include, sociodemographics (wealth, education, religion, etc.), food insecurity, and social capital.

Recent studies in less-developed countries link household food insecurity to maternal depression. Depression increases adult physical disease risk, and maternal depression may exacerbate infection or poor growth in young children. A preliminary analysis of 30 of the mothers surveyed indicates that food insecurity and maternal depression/anxiety are associated with higher maternal systemic inflammation, suggesting greater psychosocial and ecological stress carrying infectious and chronic disease risk. As expected if maternal mood mediates relations between food insecurity and physical wellbeing, the food insecurity effect was diminished controlling for mood.

Also in Tanzania and in collaboration with Mange Manyama and Richard Spritz (U. Colorado), Benedikt Hallgrímsson (U. Calgary) and Warren Wilson (U. Calgary) collected three-dimensional facial morphology as well as nutritional status data for over 2600 children near Mwanza and among the Maasai in the Ngorongoro Conservation Area. The goal of this study is first to determine the genetic basis for cleft palate and second to explore the relationship between nutritional status and facial morphology.

Data collection for both projects will continue in April 2012. Each project provides opportunities for graduate study.

McGILL UNIVERSITY

Tracey Galloway writes:

Tracey Galloway is pursuing human biology in Canada's coldest field site, examining the issues challenging health surveillance in the circumpolar north. Ongoing analysis of results from the Inuit Health Survey is producing interesting relationships between anthropometric, nutritional and socioeconomic patterns in the north. A new collaboration with the Greenland Institute for Circumpolar Health Research is the comparison of growth measures from Inuit children living in Canada and Greenland. Most recently, Tracey is collaborating with Qaujigiartiit, a Nunavut-based health research agency, on a youth-led nutrition intervention for schoolchildren called "Atii" or "Let's Go". The intervention is funded by the Public Health Agency of Canada and will be piloted this winter in two communities in the Qikiqtaaluk Region of Nunavut.

Dr. Brickley has been working with a team of students at McMaster University and the City of Hamilton on the human bone fragments excavated from Smith's Knoll, Stoney Creek just over ten years ago. The City of Hamilton have made the bone fragments available for sufficient time to allow complete cataloging of all fragments, and funds have been provided to enable various investigative techniques to be applied. This research will build on work undertaken previously by Claire McVeigh and Dr. Maria Liston and investigation of stable isotopes that took place under the supervision of Dr. Christine White. The new research results produced will be combined with information from previously unpublished work to enable fuller information to be made available to the wider public in time for the 200th anniversary of the war of 1812.

Tracy Prowse returned to Italy this summer with 18 undergraduate and graduate students for the 2011

Bioarchaeological Field School at Vagnari, Italy (see photo at right).

The staff and students located a total of 18 Roman period burials and excavated 12 of them. The field school will be offered again in the summer of 2012. Contact Tracy Prowse (prowset@mcmaster.ca) for more information.



Bioarchaeological Field School (2011).

SIMON FRASER UNIVERSITY

Derek Congram writes:

Mark Skinner (B.A., University of Alberta; PhD, University of Cambridge) started his teaching career in 1976 as an instructor. In 1978 he became Assistant Professor at the Department of Archaeology of Simon Fraser University, where he continued to teach until he retired, Professor Emeritus, this past July.

Among his prominent achievements is his status of Diplomate of the American Board of Forensic Anthropology – the first Canadian to be awarded this; his work as the Director of Forensic Sciences at the International Commission for Missing Persons (ICMP) in Sarajevo, Bosnia-Herzegovina; and co-Director of the Centre for Forensic Research at Simon Fraser University. Professor Skinner's early and continuing research focuses on palaeoanthropology and dental anthropology, but he may be best known for his pioneering work in forensic archaeology and anthropology.

(continued on page 7)



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Professor Skinner has consulted on forensic cases over 500 times in Canada, testified in court on 13 occasions, worked in Afghanistan for the United Nations High Commission for Human Rights, in Bosnia-Herzegovina for Physicians for Human Rights, in East Timor for the United Nations Transitional Administration in East Timor and in the former Yugoslavia with ICMP.

Over his more than 30 years in academia, Mark has taught Biological Anthropology, Human Origins, Human Osteology, Palaeoanthropology, Palaeopathology, Advanced Physical Anthropology, Forensic Anthropology, and Graduate Theory in Biological Anthropology. Mark's graduate students have gone on to work and teach at the University of Exeter, University of Northern British Columbia, University of Tennessee, Max Planck Institute for Evolutionary Anthropology, and the Joint POW/MIA Accounting Command's Central Identification Laboratory.

Mark is continuing his research in palaeo-, dental, and forensic anthropology.

UNIVERSITY OF WINNIPEG

Chris Meiklejohn and Mirjana Roksandic write:

As reported in the last newsletter by Mirjana Roksandic, the Department of Anthropology has been evolving! In our latest hirings we have added a new Biological Anthropologist, Lesley Harrington, and a Medical Anthropologist, Jaime Cidro. Lesley comes to us from University of Toronto, via The Natural History Museum, U.K., and is working on issues of growth, development and maturation. Her paper with Susan Pfeiffer was recently published in *Current Anthropology*. Jaime comes to us from University of Guelph and she is working on health issues in Aboriginal communities of Manitoulin Island, Thompson, and Norway House. Her research is currently funded by a CIHR grant. Chris Meiklejohn (Emeritus) has continued work on European skeletal material, emphasizing chronological issues during the Mesolithic, and looking at morphological trends running from the Upper Palaeolithic through Neolithic. In the last year he has published three papers on Mesolithic Europe covering long bone length and stature, dental reduction, and radiocarbon dates for Great Britain. Mirjana Roksandic continues to pursue her two international projects: her team got a SSHRC SRG for their early peopling of Cuba project, and she is well into her second year of the NSERC funded project on hominin evolution in the Balkans. An article on the earliest mandible from this part of the world was recently published in *JHE*. Her long-in-coming article on paleodemography was published (with her student Stephanie Armstrong) this April in *AJPA Perspectives*. Take note bioarchaeologists: it absolves you of determining point age estimates in an elegant and easy to apply way! Mirjana is running a field school in Palaeoanthropology and Palaeolithic archaeology in Serbia.

Meiklejohn, C. & J. Babb (2011) Long Bone Length, Stature and Time in the European Late Pleistocene and Early Holocene, in R. Pinhasi & J. Stock, eds., *Human Bioarchaeology of the Transition to Agriculture*, New York: Wiley, 153-175.

Pinhasi, R. & C. Meiklejohn (2011) Dental reduction and the transition to agriculture in Europe, in R. Pinhasi & J. Stock, eds., *Human Bioarchaeology of the Transition to Agriculture*, New York: Wiley 451-474.

Meiklejohn, C., Andrew T. Chamberlain & Rick J. Schulting (2011) Radiocarbon dating of Mesolithic human remains in Great Britain. *Mesolithic Miscellany*, 21(2):20-58.

Pfeiffer, S. & Harrington, L. (2011) Bioarchaeological evidence for the basis of small adult stature in southern Africa. *Current Anthropology*, 52(3):449-461.

Roksandic, M. et al. (2011) Pleistocene mandible BH-1 from Mala Balanica Cave, Serbia challenges current views on hominin biodiversity in Europe. *Journal of Human Evolution* 61:185-196

Roksandic M. & S. Armstrong (2011) Using the life history model to set the stage(s) of growth and senescence in paleodemography. *American Journal of Physical Anthropology* 145:337-347

FIELD SCHOOLS

Field School in Paleoanthropology and Paleolithic Archaeology, Serbia, June 26 - July 26, 2012

More information can be found at:

<http://www.uwinnipeg.ca/index/anthro-field-school-course-details>

Bioarchaeology Field School, Astypalaia, Greece, July 2 - August 4, 2012

More information can be found at:

<https://sites.google.com/site/astypalaia-bioarchaeology/astypalaia-bioarchaeology/field-school-2011>

Field School in Mortuary Archaeology Field School, Drawsko Poland, Summer 2012

More information can be found at: www.slavia.org

Bioarchaeology Field School: Advanced Human Osteology and Paleopathology, Lithuania, Summer 2012

More information can be found at:

<http://www.studyabroad.ucf.edu/?ak=/programs/prospective/66/>

PhD PROGRAM

**Max Planck Institute for Evolutionary Anthropology /
The Leipzig School of Human Origins**

We invite applications for the Leipzig School of Human Origins, a joint Ph.D. program of the University of Leipzig and the Max Planck Institute for Evolutionary Anthropology.

Our Ph.D. program is open for international students and is designed as a 3-year-program starting in fall 2012. The closing date for applications is January 31, 2012.

More details on the research groups that are part of the Leipzig School of Human Origins and information on the application procedures may be found at <http://imprs.eva.mpg.de/start.html>

JOB POSTINGS

UNIVERSITY OF MANITOBA

Department of Anthropology

Faculty of Arts

Position Number 13693

The Department of Anthropology, Faculty of Arts at the University of Manitoba invites applications for an entry level, full-time tenure-track appointment in biological anthropology at the rank of Assistant Professor. The appointment will commence on July 1, 2012 or soon thereafter. The successful applicant must have a Ph.D. by the time of appointment.

The Department is seeking a biological anthropologist with a strong program of research that complements and enhances the current strengths of the department and the University. In particular we invite applications from those with a program of research focused on health or nutrition in contemporary populations. Applicants are required to have demonstrated success in teaching and excellence in research. The successful candidate will be expected to attract research funds and carry out an independent research program leading to peer-reviewed publications. Duties will include undergraduate teaching, graduate teaching and supervision, research, and service to the University community. Salary will be commensurate with experience and qualifications.

The University of Manitoba encourages applications from qualified women and men, including members of visible minorities, Aboriginal persons and persons with disabilities. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

Applications for this position must include: a letter of application, curriculum vitae, and a sample of published research. As well, three confidential letters of reference must be received directly from the applicant's referees. Candidates should also include evidence of effective teaching, such as teaching evaluations and sample course outlines. Applications and letters of reference should be sent to:

Dr. Susan Frohlick, Acting Head
Department of Anthropology
University of Manitoba
Winnipeg, MB, R3T 2N2.

The deadline for receipt of applications is November 28, 2011. Further information concerning the Department and the University may be obtained from <http://www.umanitoba.ca/faculties/arts/departments/anthropology> or by email from um-anthro@cc.umanitoba.ca.

Application materials, including letters of reference, will be handled in accordance with the Freedom of Information and Protection of Privacy Act (Manitoba). Please note that curriculum vitas may be provided to participating members of the search process.

UNIVERSITY OF CALIFORNIA, SANTA BARBARA

The University of California, Santa Barbara, Department of Anthropology, Integrative Anthropological Sciences Unit (IAS), invites applications for a tenure-track position at the Assistant Professor level, beginning July 1, 2012. We seek a biological anthropologist specializing in human biology with an active field and laboratory research program focusing on areas such as human physiology, reproduction, endocrinology, growth and development, health and disease, life history, population biology, immunology, epidemiology, genetics, or neurobiology. Preferred candidates should ground their work in evolutionary and ecological theory and have a research program that complements existing expertise in UCSB's IAS Unit. Geographical area of specialization is open.

The successful candidate will demonstrate an ability to teach lower-division courses in biological or ecological anthropology and upper-division and graduate courses in areas of specialization. The ability to direct graduate students and to advance the IAS focus on human biological research are important requirements.

Applicants must have completed the Ph.D. at the time of appointment. Applications are due by December 20, 2011 for primary consideration but the position will remain open until filled. Applications must include: 1) a letter detailing research experience and plans, 2) a statement of teaching experience and courses one could teach, 3) a curriculum vitae, 4) names and contact information for three referees (including email addresses). The department is especially interested in candidates who can contribute to the diversity and excellence of the academic community through research, teaching, and service. The University of California is an Equal Opportunity/Affirmative Action Employer.

All applications should be submitted to:

IAS Search Committee,
Department of Anthropology,
University of California,
Santa Barbara, Santa Barbara, CA
93106-3210

ANTHROPOLOGICAL INSTITUTE AND MUSEUM OF THE UNIVERSITY OF ZURICH

The Anthropological Institute and Museum of the University of Zurich seeks to appoint a senior research assistant in the field of palaeoanthropology/bioarchaeology.

A strong doctoral record is required, and the successful candidate is expected to make a significant contribution to research and teaching at the Institute by implementing his/her own research program, offering lectures and lab courses at the undergraduate and graduate levels, and contributing to museum exhibits.

The appointment is expected to begin on April 1, 2012, and has a duration of six years. Interested candidates should send a CV, example publications, teaching evaluations (if available), and the names and addresses of three potential references, by December 1, 2011 to: Prof. Ch. Zollikofer, Anthropological Institute und Museum, University of Zurich, Winterthurerstrasse 190, CH-8057 Zurich, Switzerland (email: zolli@aim.uzh.ch; cc to office.morpho@aim.uzh.ch).