



Canadian Association for Physical Anthropology
Association pour l'Anthropologie Physique au Canada

Newsletter

1997

Bulletin

President's Message

Christine White

Department of Anthropology
University of Western Ontario

1996 Annual Meeting

The 24th annual meeting of the Canadian Association for Physical Anthropology was held from October 31 to November 2 at the Kingston, Ontario Holiday Inn, in conjunction with the Northeastern Forensic Anthropology Association. In terms of attendance, this was one of CAPA's most successful meetings in recent history. We particularly enjoyed the increased participation of our American colleagues. The Association appreciates the work of the hosts and local arrangements organizers, Nancy Ossenberg and Lynda Wood, the program co-ordinator, Deborah Gustavson, and all of the participants who made it such a fine conference.

Notably, the meeting was held over the Hallowe'en weekend, and, needless to say, forensic cases and bones were not enough to satisfy many. Some of us showed up to the reception in costume, thrill seekers crowded the "Haunted Trolley Tour", and many of us risked further fright at the ghoulish pub party. Those of us who did get the added bonus of hearing our very own virtuoso fiddler, Nancy Ossenberg!

The programme included six substantial sessions which represented a good cross-section of research activities: Primates, facilitated by Paul Vasey; Ecology of Human Health, facilitated by Tina Moffat; Primate Evolution, facilitated by David Begun; Odontology, facilitated by Nancy Lovell; Skeletal Biology, facilitated by Christine White; Paleopathology, facilitated by Patty Stuart-Macadam; and Forensic Anthropology, co-facilitated by Jerry Melbye and Marci Sorg.

The attendance and participation rate of students at this year's CAPA meeting was the highest in my memory! With roughly 20 student

papers to evaluate, the judges were faced with very difficult decisions. The Oschinsky-McKern Award for best student podium paper went to Stacey Burke, University of Toronto, for her paper entitled: "Who chooses to breast-feed? Infant feeding decisions among Gibraltar women, 1960's-1990's". The Davidson Black Award was shared by Lisa Hansen, University of Calgary, for her paper entitled: "Clinical models for paleopathological interpretation: Parathyroid hormone and bone", and Tracey Rogers, Simon Fraser University, for her paper entitled: "Skeletal sex determination and the distal humerus". These three outstanding students deserve our heartiest congratulations!

We were both honoured and entertained at the Annual Banquet by Chuck Merbs, Department of Anthropology, Arizona State University. Chuck is an internationally renowned skeletal biologist and a long-standing member of CAPA. His in-depth historical and cultural representation of skeletal symbolism was a visual delight most appropriate for the Hallowe'en theme of the meeting.

1997 and 1998 Annual Meetings

Our next meeting will be held in London, Ontario at the Delta London Armouries Hotel from November 6-8, hosted by me and my colleagues Mike Spence and Andrew Nelson. The programme will once again be organised by Deborah Gustavson. The CAPA voted unanimously to recognize Emöke Szathmary's contribution to Canadian physical anthropology, and her continuing prominent international service, by honouring her with a lifetime membership, which will be presented at this meeting. Dr. Szathmary will be our guest speaker at the banquet on Friday, November 7th.

There is presently no firmly established venue for the 1998 meeting. If anyone is interested in hosting, please let me know. In the interests of our stability, I would like to be able to set venues for the next two or three years.

Business Matters

Members are referred to the Secretary/Treasurer's report in this volume for complete information on business conducted at this year's annual meeting. Included here are further developments on a few agenda items that I would like you to be aware of.

I raised the issue of the rising cost of the American Journal of Physical Anthropology (AJPA) at the American Association of Physical Anthropologists' (AAPA) business meeting in April of this year. In light of earlier discussions about this, Emöke Szathmary (AJPA editor) reported that the AJPA journal committee was able to restrict the annual cost increase from Wiley-Liss to 3%, and will be working towards decreasing this cost in the future. Our American colleagues share this concern, and will be lobbying with us on this issue.

The membership report of the AAPA contained some interesting data tracking gender ratios by career stage and subfield affiliation. It is particularly interesting that over the last 13 years males and females have been granted PhD's in a 1:1 ratio, yet males presently hold more tenured positions than females, at a ratio of 3:1. I do not think this is the case in Canada. In addition, primatologists currently constitute the majority of the AAPA membership, outnumbering those in human adaptability and biology by almost 2:1, and skeletal biologists 4:1. I would like to begin a database which we could use to create a comparative statistical understanding of our own membership, and to track gender and subfield patterns over time. To facilitate this, more information will be asked of you on this year's membership forms; this should also help alleviate some of the membership problems we have experienced this year.

Paul Vasey has volunteered to do a report on the state of undergraduate physical anthropology in Canada, including details on faculty positions, enrollment levels, and faculty/student ratios compared between subfields. He is expecting to quantitatively demonstrate that physical anthropology courses are enormously popular, which is relevant to the prevailing economic climate of anthropology in post-secondary education. This document could be used to support arguments for new positions in physical anthropology, and will complement membership data. If anyone is interested in assisting Paul, his address is:

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I have made a presentation to the Social Sciences and Humanities Research Council lobbying for: a decoupling of archaeology and folklore (currently amalgamated into a single committee); the creation of a new biosocial category; and the inclusion of one of our members on committees that process physical anthropology proposals. We need to submit a list of names of people who are willing to sit on SSHRC and NSERC committees - any volunteers?

Finally, you should be aware that SSHRC is in the process of changing its structure and judging criteria. Personally, I find the proposed new criteria very frightening, as they represent yet another step away from supporting basic research. Enclosed in this newsletter is a website outline of the new SSHRC five-year strategic plan; I would appreciate your comments on it, so that I can respond on behalf of the Association. This issue will certainly be on the agenda for the next business meeting, and I hope to see you there.

Minutes of the 1996 Annual Meeting

Christopher Meiklejohn
Department of Anthropology
University of Winnipeg

The meeting was called to order by the President, Christine White, with 18 people in attendance.

The agenda was circulated. The matter concerning further meetings [item 6] has not occurred. With this addendum the agenda was approved [Lovell/Melbye].

Approval of the minutes

There were no alterations raised to the minutes that were circulated in the Spring 1996 newsletter. The minutes were approved [Herring/Saunders].

Old Business

There was no business arising from previous meetings.

The Secretary-Treasurer's report for the period from the 1995 meeting in Las Vegas to the current meeting was circulated. The association was ahead of the position indicated at the same time last year for both funds and total membership. The Newsletter Editor [Hermann Helmuth] reported that 123 Newsletters had

been circulated, although the total membership was 78.

A discussion followed on the discrepancy between these numbers. It was noted that this was in part related to the way in which mailing lists were maintained and the fact that memberships had not been actively collected at meetings since Windsor. A number of further points were raised including the policy of the Secretary-Treasurer and Jerry Melbye of putting students on the email lists that the Association had in place [the current email list being the result of the cooperation of the Secretary-Treasurer and Jerry Melbye in the planning for the Las Vegas meeting]. It was then discussed whether the email list and the membership list should be identical. The policy of the Secretary-Treasurer had been to maintain the largest possible email list so that activities of the Association were widely distributed. It was agreed that part of this problem could be alleviated by collecting memberships at the meeting. Following this discussion it was agreed that people should be kept on the membership and email lists who had been members since the Windsor meeting [1994][Pfeiffer/Mayhall]. At this point there was note taken of information available on the Association Web site. The Secretary-Treasurer's report was then accepted [Thompson/Lovell].

The Newsletter Editor's report was given by Hermann Helmuth. He indicated that last year was his final year in the position and that he wished to step down. There should be a new editor for 1997. He hoped that the Newsletter would remain in hard-copy format. Thanks were given to Hermann by Nancy Lovell for the Association, a position that was unanimous. At this point Nancy Lovell volunteered to be the new Editor. There followed a discussion of the length of the appointment. It was proposed that Nancy Lovell be appointed to the editorship for a six year term [Helmuth/Saunders]. This was accepted unanimously. A motion to accept the Newsletter Editor's report was accepted unanimously [Lazenby/Melbye].

Standing Committee Reports

Christine White reported on the Granting Agencies. She has spoken to SSHRCC about the problems of people who fall into the cracks between SSHRCC and NSERC. It was suggested that we get representation on the committees. SSHRCC seems ready to accept nominations. David Begun noted that we also need to look at NSERC. There was a question of

which committee was appropriate at NSERC. It was also noted that SSHRCC is again going to revise the various categories and that there is a need to lobby. A motion was put forward [Lovell/Helmuth] that members request the appropriate person at their Institution write letters to SSHRCC and NSERC urging the coverage of Physical Anthropology. The motion was accepted.

In the absence of Leslie Chan there was no report on the Association Web Site. It was noted that a handout was available and that Ann Herring had copies. A motion of thanks to Leslie Chan was unanimously accepted. [Pfeiffer/Saunders].

Ann Herring reported that there was a new Tri-Council Ethics policy. There was then a discussion of its importance. Nancy Ossenberg noted the issue of repatriation, and the issue of Primatology was raised. Deborah Gustavsen noted the need for the Association to comment, a position supported by Nancy Lovell. Christine White noted the discussion by Alison Wylie on SAA policies and the complexity of the issues involved.

New Business

The issues of the 1997 Conference and the idea of a further Joint Meeting with another Association were raised. Only three responses had been received to the questionnaire on this issue in the Newsletter. Discussion followed. There appeared to be general agreement that we not affiliate with AAPA. Susan Pfeiffer felt that there was no clear consensus and that an executive decision was necessary. Ann Herring and Christine White discussed problems with affiliation with CASCA, and Nancy Lovell argued that we should remain as currently constituted. There was no specific decision on the location of the 1997 meeting [since decided as London, Ontario: note by Sec. Treas.].

The issue of the cost of AJPA was raised. The Sec. Treasurer noted the response to his email posting and indicated that he had briefly discussed the issue with Eموke Szathmary at the AAPA meeting in Durham. Discussion indicated that differences were in part related to different brokers and that it was difficult to get clear information. There is a need to get information from each University.

Conclusion

Thanks were given to Nancy Ossenberg and Lynda Wood for the organization of the meeting, and to Deborah Gustavsen for programme.

It was recommended [Meiklejohn/Lovell] and unanimously approved that Emöke Szathmary, the editor of AJPA and now President of the University of Manitoba, be made a Life Member of the Association.

A motion to adjourn [Ossenberg/Lovell] was approved.

Obituary: Prof. Dr. Ilse Schwidetzky
Hermann Helmuth
Department of Anthropology
Trent University

Professor Dr. Dr. h.c. Ilse Schwidetzky, the Dean and "Queen" of German (Physical) Anthropology after WW II, died on March 18, 1997 at the age of 90 years. As no other German anthropologist, Schwidetzky and her school of students shaped and influenced the fate of Anthropology in Germany.

As a young scholar of E. von Eickstedt in Breslau (now Poland), she first followed in his footsteps of Race and biology. The Second World War, the collapse of racial ideology in the Third Reich, and the involvement of many German anthropologists with the ideology and the application of "Rasse", meant that new approaches had to be found to keep this natural science alive. Schwidetzky found the answer in her "Bevoelkerungsbiologie" ("populational biology") which combined socio-economic and biological populational samples as objects of study. In addition, she pursued successfully the application of modern statistics in the field of skeletal biology. Parallel to the move in North America, she fostered the inclusion of strictly genetical traits, the concept of natural selection, and ecological rules in the study of populations and race ("Die Neue Rassenkunde", 1962).

Schwidetzky can be credited as the scholar who pulled German Anthropology out of the ashes and the dirt after WW II. German Anthropology had nearly no hominid fossils (at least not the oldest material), to earn money many anthropologists served as researchers for paternity suits, and many others were heavily burdened with their past. It was unusual for a woman to make such an impact on the shape and the thinking of the male-dominated field of natural science in Germany, but, as Director of the Institut für Anthropologie in Mainz from 1967 to 1976, editor of the journal Homo, and Vice-President of the IUAES, her activities and prestige attracted many foreign anthropologists and Mainz became a meeting place for Eastern Bloc and Western anthropologists. With Ilse Schwidetzky's death, Germany has lost its most famous and

influential Physical Anthropologist of the post-war era.

Changes to SSHRC Grants Programs

Nancy Lovell
Department of Anthropology
University of Alberta

The Social Sciences and Humanities Research Council plans to replace existing programming. Three priorities have been identified: 1) to further Canada's capacity for excellence and innovation in the creation and integration of knowledge in social sciences and humanities research with significant impact on social and intellectual issues; 2) to consolidate and enrich the diversity of research training; and 3) to enhance knowledge transfer between the research community and society. Current programs will be rolled into three categories of competition: Open Research Support, Targeted Research Support, and Research Development Activities.

The Open Research Support program will continue to offer awards to 'investigator-initiated' projects under sub-categories called 'open research grants program' and 'large scale collaboration'. The program differs little from the existing one in some respects, but an important change lies in a proposal to include research which in the past would have fallen more directly within the purview of targeted or strategic research. **This will put the onus on grant applicants to make a compelling case that their research protocols are of 'strategic' importance to the discipline or the nation.** The researcher has to argue for the importance of the research, why it matters, and why it makes a difference that this project is funded. **Researchers will be expected to come forward with innovative and imaginative new proposals which play a greater leadership role in determining the future of the social sciences and humanities.**

Targeted Research Support will replace SSHRC's former collaborative and strategic programs. The bulk of support for theme research will go to 'research networks', although it hasn't yet determined exactly the degree or nature of networking that will be required. SSHRC will retain the 'joint initiatives program' under which it has co-sponsored projects such as Immigration and the Metropolis (with Citizenship and Immigration), and University Research Chairs in the Management of Technological Change (with NSERC); and it will continue to support agency-initiated thematic areas focussing on 'social,

economic, cultural and intellectual issues of national importance'. As existing thematic areas expire over the next few years, they'll be replaced by new ones culled from a broad consultation process launched recently. A request for proposals in at least two new thematic areas should be included in next winter's grant competition (i.e., October 1997). **In the future, SSHRC may consider supporting thematic research networks that are researcher-initiated rather than agency-initiated.**

Research Development Activities offers modest support for exchanges, collaboration, and knowledge transfer. \$700,000.00 will be provided this year. Examples include state of the art reviews; international research linkages; and innovative and focussed institutes/workshops/symposia that set new research directions, explore multi-sectorial research collaboration or partnerships, or analyse research results and policy implications.

In addition to these three categories of research support, SSHRC will continue to maintain current levels of support for doctoral and postdoctoral Fellowships programs. SSHRC will also offer new incentives (not yet established) to encourage applicants to the Open Research Support programs to expand the research training component of their grant proposals.

The changes will necessitate an overhaul of the selection of application assessors and peer review committee members, and the introduction of a training component regarding the new evaluation criteria (e.g. peer review committees will be asked to place greater emphasis on plans for the communication of research results.) The degree of support for research grants and the emphasis of funding will not, apparently, change significantly, but there will be some re-allocation of funds within SSHRC's budget to meet the program changes.

Thanks to Christine White for providing the article "SSHRC To Restructure Grants Programs Under New Strategic Plan" in Perspectives Vol 1, No. 4., Wayne Kondro, editor. Perspectives is an electronic newsletter on research and science policy. A pilot project of the Humanities and Social Sciences Federation of Canada, Perspectives will appear at regular intervals throughout the year and will be posted on the Federation web site: <http://www.hssfc.ca/Pub/PublicationsEng.html> I have excerpted this article and added or modified comments based on my experience in a SSHRC focus group for the new plan. Commentaries on the SSHRC 5-year plan also have appeared recently in the CAUT Bulletin and University Affairs.

Members' News

From the University of Montréal - Laboratory of Behavioral Primatology

Three new primatology students were accepted into the Masters program in the Department of Anthropology at the University of Montréal. At least two of the new students will be collecting data for their theses this summer (1997). Liane Savard and Joanne Caron graduated from the Masters program during 1996: Liane with a thesis on the effects of kinship on alliance formation by male Japanese macaques, and Joanne with a thesis dealing with the relationship between affiliation and alliance formation in Japanese macaques. Patrick Bélisle is finishing the second year of his graduate program, and is currently working on the first chapter of his thesis, tentatively entitled "Kinship effects on co-feeding at a concentrated food source". He completed a second season of data collection last summer during which time he conducted a series of experiments involving co-feeding between macaque individuals at a concentrated food source. Paul Vasey submitted his PhD dissertation entitled "Homosexual behavior in female Japanese macaques (Macaca fuscata)." Paul has a recent article in *Animal Behaviour*, and an article which discusses his research appeared in *Science News* (151:8-9, 1997). Carole Gauthier continues her work as a research assistant at the primate laboratory and is presently collecting and analyzing data for future publication. Jean Prud'homme, the general manager of the primate laboratory, co-authored a paper with Bernard Chapais on conflict intervention behavior in Japanese macaques which appeared in the *International Journal of Primatology*. Bernard Chapais, director of the primate lab, has been on sabbatical and is currently working on a book. His recent publications appear in the *International Journal of Behavioral Development* and *Veterinary Pathology*.

From the University of Western Ontario

Christine White reports that the Department of Anthropology has just finished the first year of its Bioarchaeology MA program, with six students entering their second year and five new admissions to begin the program in the fall. The department received a substantial amount of intra-university grant money again this year and continues to build its undergraduate and graduate teaching and research resources.

Christine is looking forward to her sabbatical in 97/98, during which time she will continue her research on oxygen isotopes in bone and teeth from Teotihuacan and related sites, and Maya and Nubian diet and health.

From Trent University

Hermann Helmuth writes that the year 1996/97 was more than the usual challenge. "J. So went on half-sabbatical and I took over the chairmanship for the year. Trent faced another strike which lasted 11 days and which interrupted classes and midterms rather badly. J. So taught the Physical part of the introductory Anthropology course plus the Primate Behaviour half course and a new course on The Anthropology of Race and Racism, while I taught the second year Physical Anthropology course and a tutorial on Human Evolution. We were able to enjoy the good services of **Jennifer Thompson** who took over the Comparative Human Osteology and Evolution course. Human remains, which turned out to be an older Native woman, were discovered at a site near the village of Ameliasburgh. The nearest Native community demanded her reburial which we could unfortunately not attend. I hope to finish my translation of a German book on human evolution and to work on the human remains from Altenerding and Lamanai again. As for our graduate students, **Rhan-Ju Song** finished her thesis on linear enamel hypoplasia among Altun Ha and other Maya samples and defended it successfully. She has applied to continue her studies at several American universities and has been accepted by A. Goodman, among others. **Robert Rost** continues with his analysis of an ossuary from the Buckingham site near Collingwood in Ontario. And finally, **Sherry Gibbs** has finished her first year and will go to Belize again this summer to investigate Maya Cave burials and their osteoarchaeological context."

From the University of Toronto

David Begun of the Department of Anthropology reports that the University of Toronto's Paleoanthropology Field school kicks off its first season this summer in Hungary. Twenty one students from Canada and the US have signed up for four weeks of work. This includes an intensive 10 day session of museum training in the basics of vertebrate paleontology, paleoanthropology and geology,

and three weeks visiting localities and excavating the Miocene hominoid site of Rudabanya. This year the students will visit the archaic Homo site at Vertesszolos, the Subalyuk Neanderthal locality, and lower, middle and upper paleolithic sites around Budapest. There has never been a season of excavation at Rudabanya without the discovery of fossil primates. On a related note, a Human Origins lab has been inaugurated in newly renovated space in the historic South Borden Building on Spadina Circle. The new space has offices and labs for **Mario Gagnon** and **David Begun**, and a large space for graduate student offices and work areas. The extensive collections of casts, molds and primate osteological and anatomical specimens have been moved into the new teaching and research labs, and new casting, dissecting, and teaching rooms are being set up for the fall.

From **Jennifer Thompson**: "Last summer I went to Zagreb, Croatia to examine the Krapina and Vindija Neandertal. I also spent time in Germany again, working on that adolescent Neandertal from Le Moustier and in London at the BMNH collecting comparative data. I attended the XIII Congress of the International Union of Prehistoric and Protohistoric Sciences, in Forlì, Italy in September. I presented (with a colleague) a paper called: Time for one of the last Neanderthals. I also managed to visit the Grotta Guattare Neandertal site (amongst others) and examine the Guattare 1 and Saccopastore fossils. In July, 1996 I was invited to join the Dakhleh Oasis Project. I am responsible for describing and analyzing any mid-Pleistocene to early Holocene hominid material discovered in that region. I visited Egypt this February to examine the Middle Paleolithic localities and to examine and excavate early Holocene skeletal remains. Found one fragmentary skeleton with Prof. **Maxine Kleindeinst** and collected the surface fragments. The early Holocene people are not well documented in Northern Africa, thus this material should provide a good comparative sample to test evolutionary trends in this region. I gave a joint paper with **Andrew Nelson** at the Palaeoanthropology Society Meetings in St. Louis, Missouri in April called: "Relative Postcranial Development of Neanderthals".

"As part of my regular teaching at U of T, I taught a new (for me) graduate course in Paleobiology. I also taught Hermann Helmuth's Human Evolution & Osteology course at Trent U, which meant commuting back and forth from

Peterborough every Wednesday. The students were great and it was bizarre teaching in the same room in which I took Hermann's Physical Anthropology course in my MA days! One of my graduate students (co-supervised with K. Stewart, Natural History Museum, Ottawa), **Lauren Markley**, successfully finished her MA and her thesis paper: "Hominid Paleoeecology at the Mio-Pliocene Boundary."

Jennifer has three papers in press and a recent contribution, "The use of computed values of the coefficient of variation in the analysis of Australopithecine cranial variability," to the international congress honouring Dr. Mary Leakey.

John Mayhall, of the Faculty of Dentistry, writes: "In December, 1996 Ikuo Kageyama from Nippon Dental University left after a productive year here: Ikuo and I produced two presentations, one at Kingston and one in St. Louis (AAPA), and a paper in press in the AJPA. The latter is the first publication of our suggestions on a method for better characterizing wear. We have now collected material for an extension of this methodology using large numbers of Australian aboriginal teeth from casts obtained over a 20 year period. I have completed a year as president-elect of the Dental Anthropology Association. Several exciting changes are coming to the *Dental Anthropology Newsletter*. First, the name has changed to *Dental Anthropology* to encourage more scientific papers. Along with this change, we are now peer-reviewing every submission so the quality, and the quantity, of the papers will increase. I also want to inform the readers that the Dental Anthropology Association has a Web site that has become popular (<http://www.sscf.ucsbc.edu/~walker/>).

There are many downloads that might be useful to teachers looking for pictures of teeth and oral pathological conditions. Another site that many physical anthropologists might not think about but that may be of use to some is our web site at the Faculty of Dentistry. It has one of the largest number of links to sites of dental interest (<http://www.utoronto.ca/dentistry/>).

"My collaborations with colleagues in Australia, Japan and Finland are continuing. I will be in Australia in late 1997 for the 5th World Academic Conference on Human Ecology and in Finland in summer, 1998 for the 11th International Symposium on Dental Morphology.

Teaching? Yes, in spite of what one of my colleagues at Scarborough College thinks, I do teach. This year I completely revised the Oral Anatomy and Occlusion course to transform it into a self-directed learning experience. The self-directed part meant finding a lot more references and transforming lectures into multimedia extravaganzas, most of which failed due to technical problems- not in my brain but in the use of Mac equipment when I am used to PC's. In general, it freed time for students to do their own thing and read more rather than hearing me ramble on. I will give it another year before I decide whether I want to continue this tack. (I become more leery of "new" teaching techniques as I slip toward retirement.) One of the other courses that I am involved with also has been revised to drop several of the lectures and put the onus for knowledge acquisition on the student. I am cautiously optimistic that these changes will free time for dental students to think a little more rather than strict memorization to survive.

"Probably the most fun I have at the University is being on the Governing Council of the university. This allows me to sit on numerous committees, a joy, :-), and to find out how the university runs. It is only after some time on the g.c. that I realized how naive I had been for years in attempting to get things done at the local level. Now I know the "right" people to turn down my requests.

"Finally, thanks to the Government of Ontario, the University of Toronto and the Faculty of Dentistry I have established the Albert Dahlberg Admission Scholarship. This scholarship is for students entering dentistry who already have a Master's degree or a PhD Any anthropology students out there that have thought of dentistry?"

From McMaster University

Shelley Saunders has sent news of her graduate students and research team: "**Dongya Yang** has been working on the recovery of ancient DNA from the Isola Sacra sample which represents the Imperial Roman period, looking to identify a genetic disease, thalassemia. He has had considerable success with this work. Dongya (along with **Shelley Saunders**, **Chris Dudar**, **John Wayne** and **Barry Eng** of the Pathology Department at McMaster) presented a paper at the AAPA meetings in St. Louis this spring on

a new technique for successful extraction of DNA from archaeological bone. This paper has already been submitted to the AJPA for review. The group has also recently published a paper on aDNA extraction in the Canadian Journal of Forensic Science. Dongya has been awarded a SSHRC postdoctoral fellowship to continue his work on aDNA out of McMaster's Pathology Department. The fellowship should start in the fall after he has defended his thesis.

"Chris Dudar is also proceeding well with his work on aDNA extraction from the St. Thomas' Cemetery sample. Chris still has laboratory work to complete but he has tested the technique for studying Short Tandem Repeats of DNA from archaeological material and expects success. I'm happy to report that Chris has received a Queen Elizabeth II Ontario scholarship in support of his final year of PhD research.

"Tracy Prowse is in Rome, Italy collecting her data for her PhD thesis. Tracy received a Scholarship from the Italian Embassy in Canada to support 8 months of fieldwork in Italy, and also has a SSHRC postgraduate scholarship. Tracy is working at the Pigorini Museum in Rome, collecting samples from the Isola Sacra Imperial Roman sample for isotopic analysis and collecting data on dental disease. Tracy will be attending the meeting of Italian physical anthropologists in Palermo in September and presenting a joint paper with Dr. Roberto Macchiarelli, Dr. Luca Bondioli and myself.

"Clare McVeigh, our Commonwealth Scholar, has just returned from England where she completed five months of fieldwork collecting data at the Natural History Museum in London. Clare is working on dental formation in British populations. She is interested in temporal changes in rates of dental formation and the relationship of tooth development to jaw size and body proportions. Clare will continue to collect further data from the St. Thomas' Cemetery database and the Burlington Growth Center database.

"Alison Grey is completing her Master's thesis work with me. She has looked at historical demography and family reconstitution in three 19th century southern Ontario populations, St. Thomas', Belleville and a church from Dundas, Ontario and another near Niagara Falls, Ontario. She hopes to defend her thesis before the end of the summer.

"Cathy Crinnion is working on dental caries in southern Ontario Iroquoians. She is focussing on the Uxbridge Ossuary. Cathy is interested in intra-population differences in caries rates and also in the relationship between Iroquoian diet and cariogenicity. Cathy will be completing her data collection this summer and completing the analysis and thesis writing over the next academic year.

"We have a new student entering our program in physical anthropology next fall, John Albanese. John comes to us from the University of Toronto. He is interested in the composition of cadaver skeletal samples and biasing factors affecting those samples.

"In addition to the papers mentioned above I have also completed some work with Eugen Strouhal from Charles University in Prague on the identification of some dynastic period Egyptian samples. Another paper which came out recently was with Annie Katzenberg and Ann Herring in the *Yearbook of Physical Anthropology*. This paper deals with studies and hypotheses about weaning in archaeological skeletal samples. Rob Hoppa and I have a paper coming out in June in the *Canadian Journal of Forensic Sciences* dealing with sex and age differences in infracranial metrics in the St. Thomas' Cemetery sample and another coming out in the *International Journal of Anthropology* on the representativeness of cemetery samples. In addition, I have a couple of publications in association with my colleagues in France, particularly Eric Crubezy at the University of Bordeaux. Annie Katzenberg and I are planning a second edition of our edited book The Skeletal Biology of Past Populations. We plan for this second edition to be expanded with additional chapters along with most of the original chapters revised and expanded."

Ann Herring and her graduate student colleagues (Sylvia Abonyi, Kristen Beckett, Tracy Farmer, Todd Garlie, Tina Moffat, Dave Pratte and Tracy Torchetti) are similarly busy and successful. "This past year has been a very busy one for me from an administrative perspective because of the restructuring of McMaster in the wake of provincial cutbacks. I did manage to get a little bit of research done (thank goodness!) and have a paper written with Lisa Sattenspiel coming out in the *American Journal of Human Biology* in which we apply mathematical models to the spread of the 1918 Spanish Flu epidemic in Manitoba Cree communities. Lisa and I were fortunate to get a

2-year National Science Foundation grant to expand this research, so I am having a great time this summer working with more Hudson's Bay Company archival material and will be rummaging around in the tomes in Winnipeg in July. **Todd Garlie** and an environmental health co-op student, **Mary-Anne Ciampini**, are helping me with this work.

"**Rob Hoppa** and I recently had an article accepted by the *International Journal of Circumpolar Health* in which we discuss changing patterns of mortality at Moose Factory from the 19th to the 20th century, arguing that the epidemiologic transition away from infectious diseases began in Aboriginal communities much earlier than the 1950s and that the process was already under way by the turn of the 20th century.

"**Tina Moffat** is currently in the last year of her PhD program and is now writing up her dissertation, "Growing up among the looms: the health and nutritional status of children whose mothers work in the Nepali carpet industry." Last April she presented a paper on child malnutrition as an environmental syndrome in **Loren Vanderlinden's** session, "Habitats, Hazards and Health," at the AAPA meetings in St. Louis, Missouri. Tina recently had a paper accepted for publication in the *American Journal of Human Biology* entitled "Urbanization and Child Health in Nepal". She was awarded the Queen Elizabeth II Ontario scholarship (1997-98) for the final year of her PhD program."

From Jerome Cybulski, Canadian Museum of Civilization

"First and foremost, I have accepted a one-year teaching appointment (Visiting Associate Professor) in the Department of Archaeology, Simon Fraser University, starting September 1, 1997. I continue my position as Curator of Physical Anthropology at the museum.

"**Lynda Wood**, following her receipt of a PhD from Queen's University this year, has been appointed Research Associate in Archaeology at the Canadian Museum of Civilization. **Janet Young** (MSc Bradford) has been completing various research projects under contract to the museum as part of our repatriation program. Her current project is an analysis of retroversion and anteversion of the neck of the femur in the Roebuck site skeletal remains excavated by W.J. Wintemberg in 1912. **Ross**

Taylor has concluded his research on skeletal remains from the Cowichan area, Vancouver Island, on loan to us from the Royal British Columbia Museum.

"**Janet, Lynda, and Sylvia Abonyi** (McMaster University) have done an excellent job over the past few years doing a comprehensive inventory of our skeletal collections, and developing and honing a computerized database to more efficiently allow us to respond to research requests, as well as information requests related to repatriation issues. **Karen Murchison** is now putting the finishing touches on the database. Over the past year, we have had information requests from native groups in New Brunswick and BC and from officials associated with the new territory of Nunavut. We've had a formal request for repatriation of the Roebuck site skeletal remains, and I would urge researchers to contact me ASAP if they are interested in completing analyses on the material.

"Recently, we have had research visits from **Richard Lazenby, Charles Merbs, and Bruce and Christine Rothschild**. Richard studied hand bones from the Northwest Territories, Chuck is continuing his research on the Sadlermiut, and Bruce and Christine continue their studies on treponematosis.

"My research continues to focus on matters relating to the Northwest Coast. Last summer I had the opportunity to examine 19th century burial houses and skeletal remains at Quattishe, the site of an ancient Koskimo Kwakiutl village at Quatsino Sound, northern Vancouver Island. The work was initiated and funded by the Quatsino First Nations Band Council. I continued the research in February on skeletal remains in the collections of the Royal British Columbia Museum, Victoria. We are now preparing a multi-year project for field and museums collections research relating to Quatsino Sound and neighboring Kwakwaka'wakw localities to investigate the human population origins, affinities, and culturo-environmental history of the region.

"We continue identifications for local police agencies in Ottawa and the regional forensic centre. In May, I participated in the Canadian Identification Society Provincial Workshop held in Ottawa. I also gave a guest lecture on the fossil evidence for human evolution at Gloucester High School.

"Lastly, **Gisele Piedalue** and I contributed a chapter to In Remembrance: Archaeology and Death, published by Bergin and Garvey in January."

From the University of Alberta

Nancy Lovell reports on the activities of her graduate students: **Becky Godkin**, a recipient of an NSERC Master's scholarship, is collaborating with **Anne Katzenberg** (U. of Calgary) on the analysis of stable isotope data from the mid-3rd millennium BC site of Tell Leilan in Syria (excavated by Yale archaeologist Harvey Weiss). Also conducting research on the Tell Leilan material are MA students **Hugh McKenzie** (skeletal pathology of adults); **Leslie Dawson** (enamel defects); and **Sarah Walshaw** (dietary reconstruction from phytoliths on human dentition). Hugh and Sarah have both been awarded Province of Alberta Scholarships for the 1997-98 academic year.

PhD students **Andrew Johnson** and **Margaret Judd** are both recipients of SSHRC postgraduate scholarships. Andrew is working with **Chris Micklejohn** (U. of Winnipeg) on Neolithic/Mesolithic skeletal remains from Mesopotamia and should be travelling to London this fall to collect data at the British Museum of Natural History. Margaret spent several months this winter excavating in Sudan with an expedition from the British Museum and continues her analysis of Kerma Period skeletal remains. **Michael MacKinnon** has followed up his SSHRC postgraduate scholarship with a Killam Memorial Scholarship and was recently awarded the U of A's prestigious Andrew Stewart Memorial Prize. Michael spent the summer in Tunisia and Italy, as part of his study of the importance of animals in the ancient Roman economy. **Susan Steen** joined the department last September, coming from an MA at the University of Alaska (Fairbanks) under the supervision of **Richard Scott**. Susan was awarded a University of Alberta PhD Recruitment Scholarship to support her continuing study of habitual activity indicators in the skeletal remains of arctic-adapted peoples. Incoming student **Bob Lane** is also a product of the University of Alaska and is the recipient of the F.S. Chia International Fellowship from the University of Alberta.

"This past year was rather a busy one, with fall conference presentations at CAPA in Kingston, the Society for the Study of Egyptian

Antiquities in Toronto, and the American Anthropological Association in Oakland, California. **Sarah Walshaw** joined me for a week at the Phoebe Hearst Museum in Berkeley last November, where we collected data on Middle Kingdom Egyptian skeletal material from the site of Mesheikh. I also gave two guest lectures, based on aspects of my Egyptian research, at the Department of Anthropology at New York University in November, and visited an Egyptological colleague at the Metropolitan Museum of Art. In the winter term I gave a public lecture at the Provincial Museum of Alberta as part of their "Time Traveller's" Series and two invited presentations in Calgary (for the Society for the Study of Egyptian Antiquities and the Calgary Society for Mediterranean Studies). Recently I just completed an interview for a video being prepared for Alberta Grade 10 science students.

"I spent another field season in Egypt this summer (hence the delay in getting this Newsletter out to you), assisted by **Sarah Walshaw** and U of A anthropology graduate **Scott Haddow**. We completed the excavation and data analysis of skeletal material from the "Hill of Bones", a mortuary complex at the site of Mendes in the Egyptian delta. Sarah then went on to the U of A field school at Jasper National Park, while Hugh was with the field school in Siberia and Leslie was participating in the Ashkelon excavations in Israel.

Nancy also reports that primatologist **Lisa Gould**, who has just completed a three year term in the anthropology department as a Killam Postdoctoral Scholar and instructor, has abandoned Edmonton for the warmer climate in Kelowna, where she has a one-year sabbatical replacement position at Okanagan University College.

From Royal Holloway College, University of London

After finishing a SSHRC post-doctoral fellowship with **Bill Leonard** at the University of Guelph last fall, **Anne Keenleyside** started a three year research fellowship in the Classics Department at Royal Holloway College, University of London. She is working as part of a team with British and Russian archaeologists on a project in southern Russia, excavating at the site of Phanagoria, an early Greek colony (542 BC) on the coast of the Black Sea. Plans

From Laurentian University

Scott I. Fairgrieve writes: "I have actually never made a submission to the CAPA Newsletter before so I do have a few items to bring to your attention. For those of you who are not familiar with Laurentian University, it is located in Ontario's "Near North" approximately 400 km north of Toronto. The University is a small, predominantly undergraduate institution with a few graduate programs in areas such as Biology, Geology, Sociology, History, and Physics. Anthropology still comes under the larger umbrella of a Department of Sociology and Anthropology. However, since 1991 (the year I arrived) Anthropology has been classified as a "subdepartment". Prior to 1994 Anthropology only offered a three-year B.A. degree. With the introduction of a four-year B.A. program our enrollment increased by a factor of seven. With general declining enrollment across the University over the past year or so, Anthropology has been consistent in its enrollment levels. Since 1994 I have been head of Anthropology and largely responsible for the administration of the program. We now have a new interdisciplinary B.Sc. degree (four-year) in Anthropology that draws upon courses with the Biology, Geology (a.k.a. Earth Science), and Chemistry departments. The emphasis on this new program is the interdisciplinary nature of research with a focus on biological anthropology and/or archaeology. At the request of various student groups and the University, I have recently undertaken the development of a B.Sc. program in Forensic Science (taking a great deal of inspiration and support from Jerry Melbye and his group at Erindale College). It is hoped that this program will be on line for September of 1998.

"Being head of Anthropology for three years has not been of any specific assistance to my research endeavours. However, recently, I managed to have the University's old press area converted into Anthropological Research Laboratories. This now provides my colleagues and I with the research space that has always eluded us. My new research space also has a high security room for storage and analysis of forensically related material. My students and I have been testing various aging methods used in forensic anthropology. Tracy Oost presented her fourth-year thesis research on testing radiographic aging techniques of the femur at the American Academy of Forensic Sciences in Seattle a couple of years ago and has co-authored a "Comment" in *AJPA* with me on

multifactorial aging techniques. Another student of mine, Amanda Lusted went to the Smithsonian Institution's National Museum of Natural History to test the Meindl and Lovejoy method of cranial suture closure on the Terry Collection. This resulted in the production of another excellent fourth-year thesis and we are now utilizing these data to produce a paper for the *Journal of Forensic Sciences* on this topic.

"As many of the CAPA members are aware, I am currently editing a book to be published by Charles C. Thomas (due in 1998) entitled Forensic Osteological Analysis: Case Studies in Forensic Anthropology. There has not been a book of case studies since Rathbun and Buikstra's volume in 1984. This volume is going to be quite different in that many of the papers will be from Canadian contributors, however, there are also contributions from several of our American colleagues as well as submissions from France, the Czech Republic, and Costa Rica to name a few. The final number of chapters is not known at this stage however, it will be between 20 and 30.

"The Dakhleh research with El Molto of Lakehead University continues. I have recently submitted a paper for publication consideration dealing with amino acid analysis of the remains from one tomb. For those of you interested in porotic hyperostosis (cribra orbitalia), you may already be aware of our findings. It is planned to go back to the Oasis around the new year.

"Finally, I am heading an initiative to begin a commercial forensic consultation service. This service includes the use of the geoscience laboratories housed in the Willet Green Miller Centre on LU's campus. This facility is the home of the Ontario Geological Survey and houses a world-class inorganic analysis laboratory. The equipment, such as an ICP-MS, is too numerous to mention here. However, the advantage to this operation is that it is an \$85 Million facility located on LU's campus."

Editor's Note: My apologies to Scott for failing to include this in the body of the Newsletter. He submitted his contribution as an e-mail attachment, and as a fumbling internet user I had difficulties de-compressing it! By the next issue I expect to be an expert in electronic communications (credit my new computer).

for the summer are to excavate one of three necropoli at the site. Anne will be analyzing the skeletal remains recovered during this field season, as well as approximately 500 skeletons recovered during previous excavations at the site which are currently housed in Moscow. Anne will be spending much of the next year in Moscow, and also in St. Petersburg analyzing other Greek skeletal collections from the Black Sea region at the Museum of Anthropology and Ethnology. After that, she'll be off to Bulgaria and Romania. Recent publications include an article on the Franklin Expedition, published in the March issue of *Arctic*, and an article with **Bill Leonard** and **Zhenya Ivakine** on fertility and mortality patterns in aboriginal and non-aboriginal populations in Central Siberia (*Human Biology* Vol. 69).

From the University of Guam

Gary Heathcote reports that he is currently on sabbatical leave for 1997, and as of May he had: (1) visited Nancy Ossenbreg's lab at Queen's University (computer skills upgrading and production of craniological data on the 'Collins' Collection' of archaeologically-recovered Sadlermiuts from Southampton Island), (2) visited William Laughlin's lab at University of Connecticut--Storrs (production of craniological data on human burial remains from the Aleutians that are about to be repatriated), and (3) set up shop in a lab at the University of Toronto, St. George Campus (production of human osteological data on a series of 19th century human burial remains from an unmarked cemetery at Holland Landing, Ontario). The latter project is particularly challenging, as the archaeology was poor and there is morphological evidence that the people drawn together in death were from populations of Native North American, European and African ancestries. Most of the remainder of 1997 will be spent analyzing data and writing (on Guam or at the University of Western Australia). In addition, an invitation to learn ancient DNA extraction and sequencing techniques at Andrew Merriweather's new aDNA lab (University of Michigan, Ann Arbor) was just received and Gary is considering a trip to Ann Arbor in late 1997. Recent publications include (1) an article on occipital superstructures, which appeared in the December 1996 issue of *Micronesica*; (2) a chapter on sexually-transmitted diseases in Micronesia, to appear in a forthcoming book STDs in Asia and the Pacific; (3) an article on

the health status of diabetic persons on Guam which will appear in a winter 1997 issue of *Ethnicity and Health*; and (4) a short "Comment" that appeared in the April 1997 issue of *Current Anthropology* regarding human biodiversity in the Pacific. Gary is senior co-author of the first and last publications and junior co-author of the other two papers.

From the University of Hawaii

Michael Pietrusewsky writes: "**Michele Toomay Douglas** received her PhD this past year, my first PhD student, writing her dissertation on the paleopathology of pre-metal and early bronze-age of northeast Thailand. Two MA students, **Vincent Sava** and **Rona Ikehara-Quebral**, received MAs in physical anthropology this past year. Next year, I will have 3 new PhD students enrolling in physical anthropology. I will be on sabbatical leave for one year beginning July 1, 1997, at the International Research Center for Japanese Studies in Kyoto continuing my research on the origins of the Japanese using metric and non-metric cranial traits. This past year I have published two book chapters and 5 journal articles including the *Journal of Forensic Sciences*, *Bulletin of the Indo-Pacific Prehistory Association*, *Man and Culture in Oceania*, *New Zealand Journal of Archaeology*, and *Hawaiian Archaeology*."

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Alternatively, you may pay for your 1997-198 membership at the annual meeting in London, Ontario
(November 6-8)

Highly Opinionated Book Reviews

Nancy Lovell
Department of Anthropology
University of Alberta

I tend to read a lot of fiction when I go to the field in the summer, and offer the following reviews of books that are related, in some fashion or another, to physical anthropology. One of my criteria is whether I'd recommend the book to those undergrads in my first or second year classes who are looking for a "good book". I've rated each out of a possible 5 stars (•••••)

Neanderthal, by John Darnton
St. Martin's paperbacks, 1996. Cdn \$9.99

A tale of relic archaic *Homo sapiens* populations, this book is a little too 'out there' for my taste, with a heavy dose of mysticism, mind-reading, and the like. But it approaches accuracy with its description of the multi-regional and single origin hypotheses for the origin of modern humans and its placement in central Asia, an area under-explored for fossil remains. The tale is so far-fetched, though, that I wouldn't recommend it to students without the background to read it critically. I groaned a lot while reading this book. Clan of the Cave Bear was a better read! •

Almost Adam, by Petru Popescu
Avon Books paperbacks, 1997. Cdn \$8.99

A tale of relic australopithecine (!) populations, this book is surprisingly readable. Although highly imaginative, it does a decent job of describing what we think we know about early hominid morphology and exploring how early hominids might have behaved. The politics of fossil hunting are quite realistically described. Lots of improbabilities here, but a much better read than Neanderthal. The publisher apparently had high hopes that this book would be another Jurassic Park, but it hasn't sold that well. •••

The Reconstruction, by Claudia Casper
Penguin Books paperbacks, 1997. Cdn \$13.99

Although the 'action' focusses on the reconstruction of an australopithecine female for a museum display, the story really has more to do with the reconstruction (or, resurrection/reawakening/rehabilitation) of the

woman sculptor after the end of her marriage. I liked the detailed description of the modelling of the creature, and was particularly taken with the sculptor's ruminations over the interpretation of the Laetoli footprints and the female's head and body position vis à vis her relationship to the accompanying male. The chapters are very short and this book is an easy read. ••••

The Woman and the Ape, by Peter Høeg
Doubleday-Seal Books paperbacks, 1997. Cdn \$8.99

Another of Høeg's books, Smilla's Sense of Snow, has been made into a movie, but I doubt that this story will make it onto the big screen. It concerns the love affair (yes, physical) between a British woman and a chimpanzee. The latter is a member of a population of apes, apparently living in Denmark, that has evolved 'beyond' modern humans (this one speaks quite good English). There is some scientific merit to the story: the ape is described as a 'dwarf' chimpanzee, a reference to the belief held by some scholars that the pygmy chimp is humankind's closest relative, and the ethics of research on allopriates and the future of zoos are topical themes debated by the characters. The book is thought-provoking, but I suspect that most readers will simply be put off or will find the themes a little too deep for fluffy, summertime entertainment. ••

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