

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

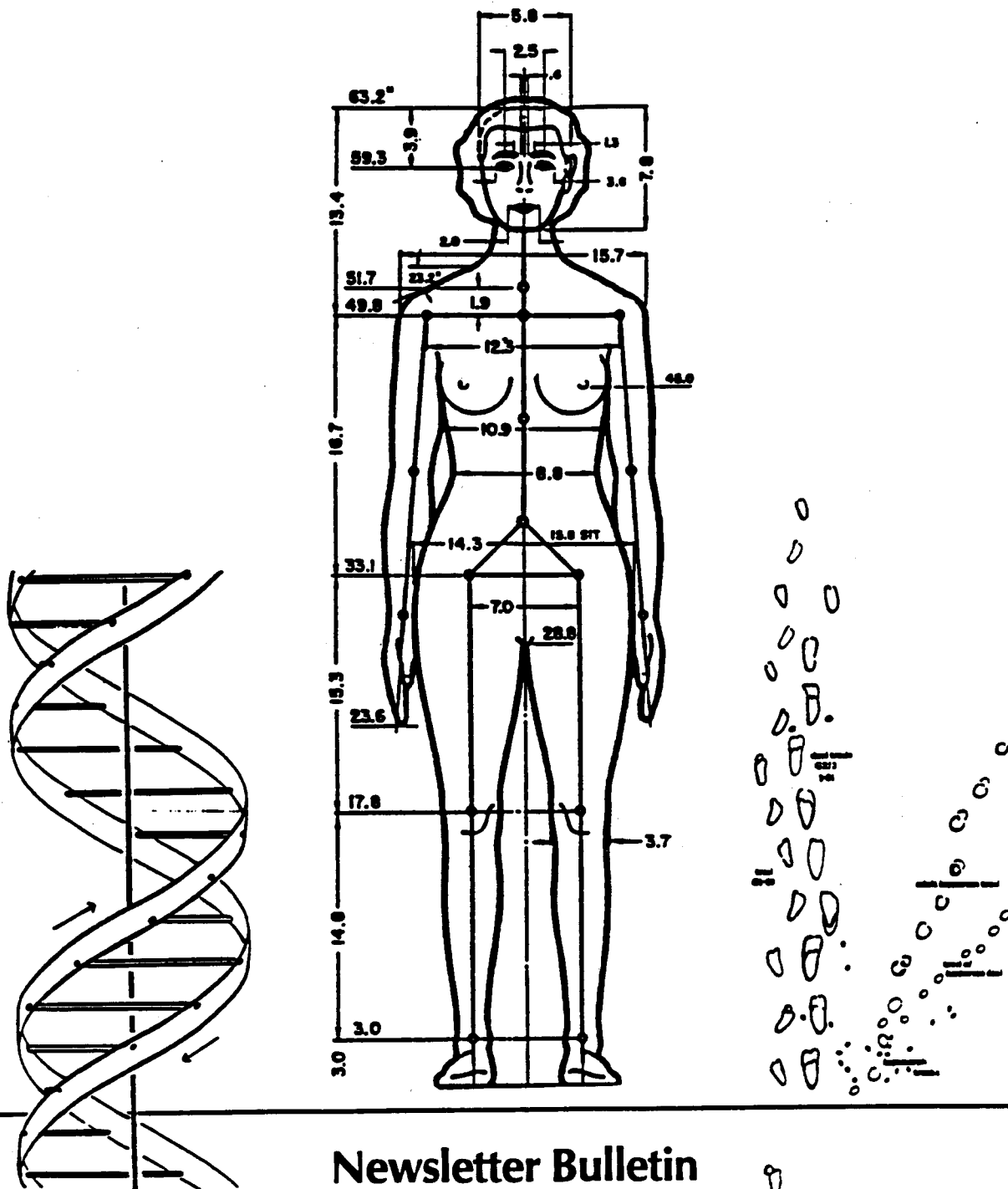


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PRESIDENT'S REPORT
submitted by Christine White

I would like to thank both Anne Katzenberg for her strong leadership as President of the Canadian Association for Physical Anthropology, and the membership for expressing confidence in my ability to effectively carry out the duties of this office.

My primary goal is to maintain, if not strengthen the field of Physical Anthropology in Canada. Prompted by Anne Katzenberg's letter to the membership last fall, there was much discussion about the future of physical anthropology at the business meeting in Las Vegas. I perceive three sets of issues affecting our survival. One set involves the survival and transformation of academia in general. On this set of issues we need to be concerned about the effects of government funding cutbacks, which are resulting in the restructuring of universities, changes in hiring policies (and in many cases, hiring moratoriums), threats to tenure in some of our provinces, and reductions in research funding in general. Coupled with the funding issues in Ontario, we are facing two other general challenges; a devaluation of academia, particularly research, from the public, and demands from students that their education be more relevant to the working world and their economic needs. (Education is not, of course, the same thing as training!) All faculty, and students who would like to be faculty, are threatened by this climate. Social sciences, which have always been university bread-baskets, are under siege and we find more and more attempts by universities in their recruitment campaigns to convince the public and prospective students of the value of social science and liberal arts education. For example, Western is pushing the importance of humanist and cognitive skills created by social science education in promoting life success, and also demonstrating that in corporations, social scientists advance more quickly than other professionals. I believe that the key to maintaining the integrity of university educations lies in our ability to alter public and student perceptions. Most of us will work with the public in the context of our own discipline, more specifically in the context of teaching and research in physical anthropology. We tend to forget that when we teach, we are not just talking to our students (who constitute an important segment of the future public), but through them to their friends and parents.

The second set of issues are specific to anthropology. In Ontario, part of the administrative response to the above challenges has been to restructure existing programs and create new programs (merged departments and floating multidisciplinary programs) in which distinctions between disciplines are blurred. As anthropologists, we know that the key to survival is adaptation, and that anthropology lends itself extremely well to multidisciplinary approaches, but I support Anne Katzenberg's view that we also need to maintain the strength of our discipline as a fundamental component of a liberal arts education. We had

to go through the formal process of justifying the existence of our department this past year. In addition to making the usual humanist arguments about how essential it is to have a grounding in cultural relativism, to understand biological diversity and provide an evolutionary perspective, we used data (such as Anne suggested in her report) on enrolment statistics, student/faculty ratios, number of majors relative to other social science departments, number of essay courses, research productivity etc. We're still here.

Finally, physical anthropologists have their own set of issues. Most of these have a fairly long history, such as marginalization created by under-representation and science/humanity conflicts within our own departments. Although this is not a new problem, the potential loss of existing physical anthropology positions may exacerbate it. The CAPA plays a crucial role in providing a collegial forum and mutual support. If the association can help in lobbying, please let me know. I would also like to hear if any physical anthropology positions are likely to be lost, transformed or added in your department, so that we can keep a record of the effects of university restructuring.

Research funding for physical anthropology is also a perennial issue, as we often fall between the cracks of science and social science. I will be visiting SSHRC and NSERC during my term to lobby again in the interests of physical anthropology and I would also like to reconstitute the granting agency committee. In addition, I would like to compile a list of alternate funding agencies that the membership has used or knows about to be published in the next Newsletter. Could you let me or Hermann know if you have received money from agencies, foundations, etc. other than SSHRC or NSERC.

Only we have the power to deal with the issues of self definition and identity (if indeed these have a serious affect on our survival). I expect we will work through these issues as we continue to debate possible affiliation with another organization for our meetings. Whether we should or shouldn't and various possibilities were discussed at the last business meeting, so I am polling the membership on the collective view (see form included in the Newsletter). We may be able to reach some decision on this at the next business meeting.

There has already been some discussion of raising the public profile of physical anthropology. Leslie Chan and Jennifer Thompson are constructing an official CAPA website which I hope, will increase awareness of the organization. Please contact them if you have any ideas or contributions to make. Also, I think it would be a good idea to publish a list of our contributions to public service in the website and in the Newsletter. If you appear in the media, do workshops, forensic cases, etc. would you drop me a quick line and I will keep a record that could be useful in raising our profile and perhaps in making funding arguments. There is so much we do that doesn't get recognized by the public, but would be of interest to them.

Past - President's Report, submitted by

Anne Katzenberg, Department of Archaeology, University of Calgary

The 23rd Annual Meeting of the Canadian Association for Physical Anthropology was held at the Aladdin Hotel, and Casino in Las Vegas, Nevada. The Association extends its thanks to the local organizers, Sheilagh and Richard Brooks and to programme organizer, Jerry melbye.

The meetings included a session on human osteology, chaired by Chris Meiklejohn, a session on Odontology and Isotopic Studies chaired by Christine White, and a session on Primates, Evolution and Demography, chaired by Jennifer Thompson. The final session, titled The Physical Anthropology of Elvis was organized and chaired by Ann Herring. This was an appropriate venue since Elvis was married at the Aladdin Hotel on May 1, 1967. The session featured a lighter look at such subjects as cladistic analysis, epidemiology and forensic anthropology (all with an Elvis twist).

The Oshinsky-McKern Award for best presented student paper went to Sandra Garvie-Lok for her paper titled: " Stable carbon and nitrogen isotope ratios of human bone collagen from Fidler Mounds, Manitoba and their implications for Late Woodlands Lifeways in southern Manitoba". Sandra is currently a Ph.D. student in the Department of Archaeology at the University of Manitoba.

The Davidson Black Award for the best student poster was shared by Lynda Wood and Deb Komar for their poster titled: " The effects of age and sex on the occurrence of infracranial discrete traits". Both students are enrolled in Graduate Programmes in the Department of Anatomy, Queen's University.

Congratulations to these students for their fine work!

The Annual Banquet was highlighted by a very interesting presentation by Dr. Bernardo Arriaza of the University of Nevada at Las Vegas, who spoke about the "Mummies of Chinchorro".

The business meeting had a very full agenda in 1995. The 1996 Annual Meeting will be held in Kingston, Ont. from October 30 to November 2 with local arrangements by Nancy Ossenberg and Lynda Wood. A symposium in memoriam of James Anderson will be included in the programme. No venue for the 1997 meeting has been offered and there was discussion about holding CAPA meetings concurrently with some other organization.

Other matters raised at the meeting included launching an e-mail journal and the costs to Canadian libraries of the American Journal of Physical Anthropology. This matter was raised at the annual editorial board meeting of the AJPA recently in Durham, N.C. The publisher has agreed to look into the matter of institutional costs. He explained that differences in cost among Canadian

institutions result from costs quoted by the supplier. Libraries order through suppliers who provide a range of publications so prices vary depending on the supplier. The institutional subscription price is also of concern to our American colleagues. We also discussed the state of Physical Anthropology in Canada given shrinking budgets to universities, early retirements and restructuring of faculties. I brought up this subject since it is of grave concern in Alberta as we enter the third year of provincial budget cuts and see our faculty numbers shrink by around 20%. I sensed little concern from my Ontario colleagues at the time but I suspect that may have changed given the new government in Ontario and the cuts to federal transfer payments. It may be wise to raise this discussion again in Kingston at the 1996 meeting. My goal is to come up with an effective strategy to argue for continuation of positions in Physical Anthropology in Canada's postsecondary institutions. Restructuring of universities means, among other things, changing the balance of the professoriate. If we collectively develop a rationale for maintaining our discipline as a strong component of a basic liberal arts education, we stand a better chance of retaining positions in our own departments rather than losing them to other faculties. This may take the form of putting together listings of our course offerings, as Hermann Helmuth has undertaken, and looking at what other programmes on campus require, our course enrolment statistics, etc. We might also highlight the importance of our courses on such subjects as human diversity and human evolution in a multi-cultural society such as ours. Many people outside the university do not understand why a university is not the same thing as a technical school. Not every course taken in university necessarily leads to a career in that subject, rather the diversity of courses provides the ability to critically evaluate ideas and reasons. These are some of the approaches we social scientists have used in Alberta.

I have enjoyed my two-year term as president of this organization and am happy to turn the job over to Christine White of the University of Western Ontario.

Editor's Note

I am not quite sure in which year of my duties this is - how many newsletters have I put together already? Not that it matters that much - I hope you are not angry with me that it is already June and quite late in the year that you receive it. It seems to me that work is piling up sky high and I work at it like Sisyphos in ancient Greece - every time I accomplish one step, ten new ones arise.

This year, we had to move out of our cherished offices due to renovations scheduled to begin last month, but which have not started yet. A physical move brings with it traumatic translocations. No human genome could have suffered as much or otherwise, we would presumably still be slime moulds. Everything I need is at the other place - as usual and that is why I do not know how many years I have been doing this. Actually, over the years, it becomes increasingly easier. -

I would ask my colleagues to have sympathy with me and secondly, to send me all the news whenever they arrive; I simply collect them and put them together later. I am glad that many of my colleagues did so - I always enjoy reading what they have accomplished. It is important that in these years of attacks on academic institutions, we stick together and provide ourselves with some common ammunition in case of emergencies - release of faculty and non-renewal. Ontario, following the example of Alberta, but with much harsher methods, is a prime example. It is very good to know that we have something to say to the community at large, that we show ourselves and others that we can teach very well and that we are awarded research grants. I take this as a sign of life and health of our science and our activities here in our research institutions.

Please keep me informed and I will keep you informed!

I am looking forward to seeing all of you at Queen's University!

Your editor, Hermann Helmuth

Memoriam
Franklin (Frank) Auger

I wish to let the Association know of the death of one of its founding members, and its first President, in 1994. Frank Auger was one of the first people to be hired in Physical Anthropology at the Universite de Montreal in the late 1960's. As such, he was one of the earlier people to teach the subject in this country.

Frank was born in the Province of Quebec and trained in France. He did work on various living populations in Quebec, and was involved in the studies of the Human Adaptability Project, International Biological Programme. He was one of those responsible for the meeting in Canada in 1974 of the Association des Anthropologues de Langue Francaise. In the late 1970's Frank became a member of the administration at the Universite de Montreal, and had no further publication in Anthropology.

Frank was one of the group who met together at the 1972 meeting of the AAPA at Lawrence, Kansas. The Canadians who were there laid the framework for the first meeting of CAPA at Banff in 1973 under the organizing hands of James D. Paterson and the late Charlie Eyman. At that meeting Frank was elected as our first president. He was one of those most responsible for the formation of a constitution for the Association in the first few years of its existence.

I remember Frank as a major promoter of CAPA. I also remember him as a warm and witty friend, and as a passionate believer in both Quebec nationalism and in cooperation and friendship. He was a very important person in the early years of this association and will be missed.

Chris Meiklejohn.

In Memoriam

Brett Edward Waddell 1965-1995

It is with the deepest regret that I have tell you of the death of Brett Waddell on September 3, 1995, of causes related to Leukaemia. At the time of his death Brett was a Ph.D. student in the Department of Anthropology, University of Manitoba, under my direction.

Brett obtained his B.A. in Archaeology from Simon Fraser University in 1990 and his M.A. from the University of Manitoba in 1994. His paper on pathologies in the Iranian Seh Gabi collection, drawn from his B.A. thesis, won him best student paper prize at the I.A.P.A. meeting in Vancouver. His Masters thesis was on infant remains in the Iranian Seh Gabi and Ganj Dareh collections. The Ph.D. that he was embarking on was to be on Manitoba skeletal collections. In connection with the latter, he and I had received funding from the Manitoba Heritage Grants Advisory Council to inventory all known skeletal collections in the Province. He was working on the final report of that grant at the time of his death.

The death of Brett Waddell is both a personal loss for all who knew him, and a professional loss to the fields of both Physical Anthropology and Archaeology. He was an avid outdoors person and loved field work. He was an indefatigable worker, who approached everything with energy and humour. He had presented papers on his work on Iranian materials and on skeletal collections from British Columbia and Manitoba at a number of meetings, including those of IAPA, the Plains Conference, and the Palaeopathology Association. He had been extensively involved in forensic work in British Columbia and Manitoba. He leaves a large body of work that is now being prepared for publication by a number of people who had worked with him.

Brett will be remembered by all who knew him as a close and vibrant friend. He leaves us all with a huge hole to fill in our hearts. He leaves, most of all, his wife Catherine-Mary Flynn and his son Breandan Flynn Waddell.

NEWS FROM THE FOREFRONT
of Canadian Physical Anthropology

News from the University of Calgary, Dept. of Archaeology - A. Katzenberg:

The Department of Archaeology offers a B.Sc. in archaeology with a focus on Physical Anthropology, as well as M.A. and Ph. D. programmes. Currently, five of our approximately 35 Graduate students are pursuing research in Physical Anthropology, mainly in human osteology and bone chemistry. The Department works closely with physical anthropologists in the Department of Anthropology both at the University of Calgary and the University of Alberta. Graduate students may take courses at either campus and receive credit toward their degree programme. This greatly enlarges the range of courses and areas of specialty to which students may be exposed. In a recent tridepartment meeting, hosted by the University of Alberta Department of Anthropology, we discussed the potential for such cooperation and tried to anticipate some of the problems.

Dr. Anne Katzenberg has been enjoying a six-month sabbatical leave. She spent several weeks in the Department of Archaeology at the University of Cape Town working in the Archaeometry Laboratory with Andrew Sillen, Judy Sealy and Julia Lee-Thorpe. She recently presented a paper on her work with Andrzej Weber, University of Alberta, on the stable isotope ecology of Neolithic peoples around Lake Baikal, Siberia. She is also working up data from the St. Thomas Church sample (Belleville, Ont.) in a collaborative research project with Shelley Saunders, McMaster University. Graduate student research includes paleopathology of Peruvian skeletal remains (Milan Gillespie), carbon isotope analyses of biological apatite in eastern North American remains (Roman Harrison), diet, work and gender in Greece (Sandra Garvie-Lok) and paleopathology of British skeletal remains (Gillian Crane).

News from our colleague Gary Haethcote, University of Guam:

The good news at the end is that 1. I was just presented with the College of Arts and Sciences (University of Guam)

"AWARD for EXCELLENCE in RESEARCH 1996"

(Congratulations, Gary, to this well deserved award! the editor)

2. I have also been granted a sabbatical leave for calendar year 1997. Most of the sabbatical will be spent working on various research projects at the Department of Anatomy and Human Biology at the University of Western Australia, in Perth. I also hope to spend about a month in Toronto, completing a project that was interrupted in 1989, when Guam beckoned.

Below I will attach the publications and papers portion of the nomination letter for the award. It probably includes items that have been mentioned in previous newsletters. It covers my research production from 1994 to '96. (Please edit out any such item that

have already been "tooted" - yes, Gary, so I did and list here only items published from 1995 on.

Attachment - refereed articles published, in press and in review:

Heathcote, G.M. et al.: Occipital and peri-asterionic superstructures on crania of Mariana and other Pacific Islanders. Sub. to AJPA, in review.

Pinhey, T.K., G.M. Heathcote & U.K. Craig: Health Status of Diabetic Persons in an Asian-Pacific Population: Evidence from Guam. Revised version submitted to Ethnicity and Health.

In press;

Heathcote, G.M. et al.: An illustrated protocol for scoring three cranial superstructures which reach remarkable size in Ancient Mariana Islanders. Acc. for publ. in MICRONESIA.

1995

Recent Findings on Ancient Chamorros and their lifeways. UMANIDAT: a journal of the Humanities 3: 85-96.

1995

B.M. Rothschild & G.M. Heathcote: Characterization of gout in a skeletal population sample: Presumptive diagnosis in a Micronesian population. AJPA 98: 519-525.

Non-refereed publications and unpublished reports:
in press

Antkowiak, W., C. Naval, A. Workman, G.M. Heathcote, J. McCready & Fr. F.X. Hezel: Sexually transmitted Diseases in Micronesia. In: Sexually Transmitted diseases in Asia and the Pacific. Ed. forthcoming, Honolulu: East-West Center.

1995a

Forensic Anthropology Case Report, No. 95-01. Submitted to Dr. Aurelio Espinosa, Chief Medical Examiner, Territory of Guam, Oct. 18, 20 pp.

1995b

Preliminary Report: Human skeletal remains from the Vista Del Mar Resort (VDM) Site, Rota. Report prepared for Dr. J.L. Craib of Bonhomme, Craib & Associates, Mudgeeraba, Queensland, Australia, November, 39 pp.

1995c Silencing Ancients: the ultimate disrespect. Pacific Daily News, May 28, p.33.

Conference and Colloquium Presentations:

1995

Heathcote, G.M. et al.: Occipital and peri-asterionic superstructures on crania of Mariana Islanders. Poster presentation for the symposium Prehistoric Human Skeletal Biology in Island

Ecosystems: Current Status of Bioarchaeological Research in the Mariano Archipelago, 64th Annual Meeting of the AAPA, March 31, Oakland.

1995

Pinhey, T.K., G.M. Heathcote & U.-K. Craig: Health Status of Diabetics in Guam. Paper presented at the Annual Meeting of the Southwestern Sociological Association, March 22-25, Dallas.

1995

Pobocik, R., M.Sisserson & G.M. Heathcote: Nutritional and anthropometric assessment of pregnant women in Palau. Presentation to Health and Behavior Colloquium Series, University of Guam, April 28, RFK Library, University of Guam.

Earlier this year, our long-time supporter Julie Cormack (currently post-doctorate fellow at the University of California, Berkeley, had sent us a contribution which she allowed me to edit. Here it is:

...I am writing this letter, ... in direct response to the CAPA Meeting's discussion.

1. A Journal

In 1986, The Canadian Journal of Anthropology published its last regular issue- vol. 5. This cancellation, in my opinion, did not bode well for the promotion of Anthropology in Canada. In addition, in the late 70s or early 80s, The Can. Ethnological Association (or a similar name to that), published a Guide to Anthropology Departments in Canada. This Guide has now been revised, but without these types of publications, Anthropology in Canada will have a difficult future.

Therefore, the establishment of a formal, possibly electronic, journal is, in my opinion, an important and necessary consideration. The current Newsletter has a significant role in the dissemination of CAPA News, whereas a new journal could take on a more formal responsibility.

2. Annual Meeting Affiliation

Attaching the CAPA ANNUAL meeting to the annual meeting of a larger professional Canadian association, I feel, is a viable way to promote both the Association and Physical Anthropology in general. Here, a good model is the Palaeopathology Society which associates itself in alternate years with the American Association of Physical Anthropology (AAPA). and the Society for American Archaeology (SAA).

The question of which professional association is a difficult one. Certainly, the Canadian Archaeological Association (CAA) is an appropriate affiliate particularly as aspects of Physical Anthropology often cross-cut the field of archaeology. Participating with the Canadian Society for Forensic Sciences (CSFS) would strengthen that aspect of Physical Anthropology while links with the Canadian Ethnological Society would broaden the whole field of Canadian Anthropology. I do not believe that holding

a meeting with the Chacmool group is appropriate because they meet only in Calgary, and geographical distance seems to be of concern. I would suggest that alternative meetings with the CAA and the CSFS or the CES is an exciting possibility for CAPA. Affiliations with these other associations does not mean that CAPA lose autonomy. In fact, through these affiliations during the Annual Meeting, our Association will surely be promoted and grow.

3. AJPA - Lobby

The American Journal of Physical Anthropology with its annual cost of \$1526.-- (US) for Canadian institutions is a scapegoat in discussions on this topic, but its extremely expensive cost does represent a continuing trend with major journals. Recently, I had an interesting conversation with Suzanne Calpestri, the Anthropology librarian here at Berkeley, and I would like to share with you some of her comments. Here, AJPA costs the exact amount listed in the journal, that is \$1386.--. She has no explanation for why one institution in Canada is charged almost \$1000.- more than the Canadian rate given in the journal. We examined the financial records for the past few years and noted that for a 1989 institutional subscription to AJPA, the cost was \$ 540.--. In 1990, it was \$570.-- and for the year 1991, it was 850.--. Since 1991, the cost for institutions has risen by at least \$200.-- per annum! Suzanne believes that this is a direct result of smaller institutions having to cancel their regular subscription. The larger institutions have therefore been bearing these annual cost increases. The point I wish to make is, in agreement with Suzanne, that this problem is no longer an issue between librarians and publishers. In fact, the producers, (professional anthropologists) and consumers (professional anthropologists) of this particular journal will have to get involved. I suspect that this issue will eventually, if it has not already, make its way into the Business Meeting of the AAPA. In terms of CAPA's role, I think that eventually, a stand will have to be made especially because of the smaller academic budgets at Canadian universities.

CAPA is about to celebrate its 25 Year, and I believe that this is an opportune time to promote the growth of Physical Anthropology in both individual institutions and throughout Canada. In this regard, I would like to suggest the following promotion scheme. In preparation for each Annual meeting, a one page memo be sent to all Anthropology departments in the country giving the following information:

- availability of membership to CAPA and benefits, with name/address of contact person
- details of the next Annual meeting including special symposia and request for papers
- details on the existence of student and best poster prize, and travel awards.

Respectfully submitted in good faith, Julie Cormack.

From Emöke Szathmary (McMaster University):

Hello everyone:

I have clocked almost 6 months now as editor of the American Journal of Physical Anthropology. What is noticeable in this time is that I have received submissions from only three Canadian authors, of whom only one is a member of the CAPA.

I would like to encourage you to send your manuscripts to the AJPA for publication. The CAPA had a solid group of researchers within it, and your best papers really ought to get the wide dissemination the AJPA provides.

Currently, three of our members are Associate Editors of the AJPA (Linda Fedigan, Annie Katzenberg, Shelley Saunders). Our specialties, mine included, indicate that the flagship journal of our profession will accept papers on a wide variety of topics (non-human Primate behavior and biology, Osteology, Trace element studies in bone; evolutionary theory; genetics, human biology, medical anthropology). All of the other Associate Editors (names in the journal) reflect the many other area specialties on which the AJPA publishes - so do not feel that you are restricted in what the AJPA will consider.

The e-mail address of the AJPA is the following: ajpa@mcmaster.ca

If you have queries, please direct them there. The address from which I am writing is my research address, and the Assistant Editor, George Reilly, does not access my research address. If you have a query, George can provide you an almost instant reply. I tend not to do ajpa@mcmaster.ca business until late in the day (or night).

I look forward from hearing from you.

Cheers, Emöke Szathmary

"It is not sufficient to be Hungarian." Leo Szillard

Dr. Emöke J.E. Szathmary Szathmar@mcmail.cis.mcmaster.ca
Provost and Vice President (Academic)
McMaster University
Hamilton Ont. Canada

Other News from McMaster University, Shelley Saunders reports:

This past academic year I continued work on the St. Thomas' Belleville sample. I co-organized a session on forensic anthropology with Jerry Melbye which was held at the annual CSFS meetings in Toronto in late October. There were a number of presentations and a very good turnout at this session. Rob Hoppa co-authored a poster presentation with me on "Sexual Dimorphism in the long bones of the St. Thomas' adults". I also co-authored a paper with Dongya Yang on "Sex Determination from Archaeological Remains using DNA Extraction and the PCR technique". I also continue to be involved in the "Health and Nutrition in the Western

Hemisphere Project", co-authored by Richard Steckel and Paul Sciulli from Ohio State University and Jerry Rose from the University of Arkansas.

In January, I submitted a paper to the AJPA on dental caries in the St. Thomas adult dentitions. This proved to be interesting research. I spent a lot of time the proportions of sugar in the 19th century Belleville diet as well as fluoride levels, flour milling and refining, cane sugar imports and maple sugar production. I am on the lookout for more information on dental caries and sugar consumption in 19th century Britain and the United States. It has proven difficult to find good, comparative data in these areas.

Presently, I am working on sexual dimorphism in the postcranial skeleton, bone histomorphometry of the clavicle and linear enamel hypoplasia (with Anne Keenleyside) in the St. Thomas' sample. I am also going to England next week and will visit with Theya Mollison, Simon Hillson, Simon Mays, Juliet Rogers, Charlotte Roberts and Andrew Chamberlain.

Rob Hoppa successfully defended his thesis on "Representativeness in Skeletal samples" in March of this year. He is now working with us at McMaster on a SSHRC postdoc. He is carrying out some analyses of demographic data from Moose Factory, Ontario.

Dongya Yang is completing his work on DNA analysis from archaeological bone. He is working on tuberculosis from diagnosed individuals from the Civil War and on thalassemia in Roman period skeletons from Isola Sacra site near Rome, Italy.

Chris Dudar is beginning his laboratory work on DNA analysis from the St. Thomas' site. He will examine DNA variants for population relationships and compare these to information on population migration and variability from historical and isonomy analyses.

I have three new Graduate students as of this year. They are Tracy Prowse (from Alberta), Clare McVeigh (a Commonwealth Fellow from Bradford) and Alison Gray (from Western). Tracy and Clare are Ph. D. students. Tracy is planning to work on pre-Roman and Roman period collections in Italy... She has permission to work on isotope analyses of the Isola Sacra Imperila Rome site near Rome and will travel to Italy this summer to explore the availability of other skeletal samples. Clare is also a Ph.D. student. She is interested in patterns of dental development. She wants to look at the variability in relative dental development (tooth and crown formation) in samples from Britain and Canada. This is both a contemporary and diachronic study.

Alison is an M.A. student who is working on the biometric method for detecting breastfeeding populations using historical demographic and skeletal data.

Hope this is enough info for you...(Yes, Shelley, it is and would be for many of us! Your work and your efforts are admirable! H.H

News from Nancy Ossenberg, Department of Anatomy and Cell Biology,
Queen's University, Kingston Ont.:

Touching on a few highlights of the past year, Nancy writes: Three of us - Debra Komar, Lynda Wood and myself - spent several productive and in a way, sad weeks this past summer at the U.S. National Museum in Washington, D.C. collecting nonmetric skeletal data related to our SSHRC-funded North American Native ethnogenesis project. It was sad to realize that we were among the very last persons to have the privilege of studying these remains before their repatriation to the Native communities. By way of out-group comparison as well as a start on building an infracranial data base for forensic applications, both students spent time also with the Terry collection of U.S. Black and White skeletons. Following this trip, Debra visited the Peabody Museum to study the hand feet bones from Pecos Pueblo and Merido, Mexico. Nancy travelled to Fairbanks to work with Richard Scott and his students on Alaskan material at the University Museum.

Meanwhile, back in Kingston, Steve Steele completed his thesis entitled " Occlusal Load and Temporomandibular Reaction Forces in Prehistoric Eskimos versus modern Eurasians" and defended it in time for Fall Convocation and to start medical school at the University of Toronto. Congratulations, Steve!

In September, Debra and Lynda presented a poster to the conference of the Canadian Forensics Association: " The Use of Non-Metric Traits in Determining Racial Identity in Skeletal Remains". Nancy launched a new course Anatomy 415 "Human Evolutionary Anatomy" using the excellent reference text by Aiello and Dean, with a small class of 18 students. It was a highly interactive seminar format, held for three hours every Tuesday afternoon. we were very fortunate that a one of the students, and a very keen one, was Wayne Lyons, our head technician in the Department: I had lots of help setting up the room and the demonstration models for each session, and by way of Wayne's contacts for borrowing Primate specimens. Also, we are most grateful to Jo So, Hermann Helmuth and Trent University for arranging a loan of a young chimp skeleton. The students came in with the requirement of a previous course in gross anatomy, so that the chimp and fossil hominid comparisons allowed them to build on that knowledge base and venture further with much food for thought. I had so much fun with this, and the students were wonderfully patient with the prof learning just one jump ahead of them!

My SSHRC fund has funded the transcription of a lifetime's worth of skeletal data (some 9000 individuals) from the original paper records into computer PARADOX files. in this enormous task, Debra has been the research assistant without parallel: fast, accurate and dedicated. Thank you Debra! In due course, this North American resource will be "repatriated" to the museums which housed the skeletal collections. In the meantime, I plan to spend a major part of my time up to 1998 retirement and for a few years beyond in analysis and writing. To this end, I am glad to have the support of Queen's Statlab, and the collaboration of Dr. Terry Smith to help

with the logit analysis and SAS programs.

To end this note, let me welcome all of you to the CAPA 1996 conference in Kingston. We are planning to celebrate Hallowe'en at that conference, October 31 to November 2, among other enjoyable and intellectually rewarding events. The city is especially lovely at that time of year, and the Howard Johnson Hotel where we will hold the conference is right downtown at the very hub of most things that you could find to delight you here. Plus, we look forward to the opportunity to give you a tour of the Anatomy Museum (said to be the best in North America), and to show off the view from the ninth floor of the Botterell Hall! Please mark the date in your calendar now and plan to attend CAPA 1996: it will be grand to see you here!

News from Scarborough College of the University of Toronto:

Jennifer Thompson reports:

We broke a record at the AAPA conference this year, with 6 of our physical Anthropologist's in attendance:

Larry Sawchuk and myself from Scarborough, Becky Sigmon from Erindale College, David Begun, Patty Stuart-Macadam and Mario Gagnon from St. George campus. We also had a strong turnout of Graduate students (at least 7!), including three who presented papers or posters (Stacie Burke, Bonnie Glencross and Kenneth Winland). Dr. Loren VanderLinden, a recent Graduate from our Ph. D. Program, also attended and presented a paper.

I had a very full and exciting year. I have made great strides on the Le Moustier 1 project, submitting three articles for publication in January, I gave four conference papers this year, one at the CAPA meeting in Las Vegas and three at the AAPA's in the spring (I presented two papers and was co-author on the other) and gave several invited lectures. I also did something I wanted to do for a long time: I audited an osteoarchaeology course! Finally, I was asked to contribute an item on Neandertal Growth and Development to the Cambridge Encyclopedia of Growth which I recently submitted.

This summer, my plans include travelling to Zagreb, Croatia, to examine some of the Krapina fossils, to the Natural History Museum in London, England, to examine Neandertal cast material, to Berlin to re-examine the dentition of Le Moustier I, and to Italy to attend a conference and examine fossil material in Rome. I have plans to draft at least three papers. Yes. more on le Moustier I (teeth), one on Neandertal adolescence, and one on the postcrania of le Moustier I (a joint effort with Hermann Helmuth and Andrew Nelson). While in Italy, Marti Latta (archaeology colleague) and I will take holiday and visit Pompeji, Rome, Florence, and Venice before attending the above-mentioned conference.

Our colleague Jamshed Mavalwala from the University of Toronto reports: Here are some items you may wish to use:

OUTSTANDING TEACHER AWARD 1995

Each year, the Faculty of Arts and Science, University of Toronto, recognizes excellence in the following areas of Teaching, Classroom Instruction, course Design, Curriculum Development and innovative Teaching Methods. Professor Jamshed Mavalwala was among the six awarded this honour in March 1996. Letters supporting his nomination came from 1st year to Ph.D. level students, from Alumni and Faculty.

The Department of Anthropology, University of Toronto, offers a Graduate course on "paradigms in Anthropology" that is compulsory for all incoming Graduate students in the sections of Social and Cultural Anthropology, Physical Anthropology, Archaeology and Anthropological Linguistics. The 1995-96 course was coordinated by Professor J. Mavalwala.

As a project for this course, the class was divided into four interdisciplinary groups, and each group researched and presented a model for teaching a first year Introduction to Anthropology course. The ideas are innovative and challenging. The models will be on file with the Undergraduate Secretary of the Department at the University of Toronto after July 1, 1996.

Jamshed Mavalwala is currently putting together a global annotated bibliography on all aspects of Dermatoglyphics. He would appreciate any of your imprints in this area.!!

N.B.: The models for teaching that the students put together had some very good ideas and should be of interest to all of us. Each project has the of those who participated on it as co-authors, so they can be given due credit.

Thank you, Jamshed, I hope people will make use of these! (The editor, H.H.)

Also from the University of Toronto, Patty Stuart-Macadam reports:

At the moment I have some great Graduate students, 4 PhD, and 1 MSc. My PhD students are Kenneth Winland who is working on cancer in antiquity (particularly in North America), Sabrina Agrarwal, who is working on histomorphometrics of ancient human bone, and Bonnie Glencross and Amy Maish, who have not yet definitely decided on their topics. Both Ken and Bonnie presented papers at the AAPA in North Carolina.

Over the last year, I have presented papers at the AAPAs in North Carolina, the AAAs in Washington, the III Congresso Nacional de Paleopatologia in Barcelona, Spain, a conference at Queen's College in New York City, and a breastfeeding conference in Toronto. My edited book with Katherine Dettwyler, "Breastfeeding: Biocultural Perspectives" published by Aldine de Gruyter came out in November 1995. My current interests include breastfeeding, activity-related bone lesions, trauma, cancer, gender differences in health and disease, and (I can't escape it!) iron deficiency anemia.

Have a great summer! Patty Stuart-Macadam.

News from Trent University:

Well, at least I continue as your Newsletter editor - I can ensure you that it is work. - Things here at Trent are getting rough since we will have a major renovation of our College building planned for this summer and the next. To translocate parts and pieces is no fun, whatever one needs is in the other office. However, we are coping and continue to work as usual. This last half year, I acted as Director of our Graduate Studies Programme and next year, I will act as Departmental chairman. Besides, I am supervising Rhan-Ju Song in her thesis on dental enamel hypoplasia in the Altun Ha and another comparative Belizean Maya sample; further, Robert Rost (formerly University of Western Ontario) will start his research on the Buckingham skeletal sample from Ontario. He is particularly interested in comparisons of epigenetic traits for the analysis of biological relationships and will use other comparative data. Another Graduate student, Sheryl Gibbs (formerly St. John's Memorial University) will start her first year. I was able to co-author a long forgotten study on "Untersuchungen zur Anthropologie Schleswig-Holsteins" (Investigations on the Anthropology of Schleswig-Holstein) together with A. Vonderach (Institut für Humangenetik und Anthropologie, Universität Ulm, Germany. (For those of you, who may have heard about the northern part of Germany and its famous cattle, this study is on humans, their anthropometry and biology - no, I have not devolved into a Zoologist!). And, to my great joy, my study on the Bavarian skeletons from Altenerding has seen the light of day (after lying dormant for ten years). It is published as Band 2 of the Römisch-Germanische Kommission, 1996: Das Reihengräberfeld von Altenerding in Oberbayern II, Germanische Denkmäler der Völkerwanderungszeit Serie A, Band XVIII: Anthropologische Untersuchungen zu den Skeletten von Altenerding, pp. 1-143.

This summer, I hope to be able to finish an updated translation of a book on Palaeoanthropology which was published some few years ago by my friend and colleague Dr. W. Henke (Universität Mainz). In particular, I would like to thank my colleague Jennifer Thompson for valuable advice and corrections of my English.

From the University of Western Ontario, Christine White reports:

that our Graduate Programme in Bioarchaeology will be inaugurated this September, We were pleased to receive just as many applications as the long standing cultural programme did, but were only able to accept 6 students. It is going to be an exciting year!

I (Chris) and Mike Spence will conduct fieldwork in Mexico this summer collecting samples for the continuing Teotihuacan ethnic identity project which is going into its last year. This project

has been expanded since with grants from the Foundation for the Advancement of Mesoamerican Studies and the Vice-President's Research Fund (UWO) to test the hypothesis that Teotihuacanos lived at Kaminaljuyu, a dominant Maya ceremonial centre in Guatemala. We will be collaborating with Lori Wright, Texas A& M University on this project.

Dietary isotopic data re now completed for Cahal Pech, a preclassic Maya site in Belize, and were presented (with Fred Longstaffe and Rhan-Ju Song) at the SAA meeting in New Orleans this year. Isotopic data from the Maya site of Caracol, Belize, are also complete, but still in the process of analysis.

We now have some demographic, statural and dental pathology data on the Maya skeletons from the coastal sites of Marco Gonzalez and San Pedro, Belize, done by Cathy Walper, Paul O'Neill, and Mary Simpson respectively, so we are getting a picture on the health status of these populations relative to other Maya groups.

Two new projects have arisen this year. The first is a biochemical analysis of lipids from the Nubian Mummies as a new means of reconstructing diet, e.g. lipoproteins. I (C.W.) will be working on this with Richard Evershed, University of Bristol. The second is to direct the analysis of skeletal remains excavated by the ROM from the Dongola Reach area of the Northern Sudan.

FOR OUR ATTENTION:

From: Leslie Chan

The AUCC - CARL/ABRC Task Force on Academic Libraries and Scholarly Communication recently released a report titled: "Towards A New Paradigm For Scholarly Communication". It should be of interest to those interested in the future of electronic publishing,

The full text of the report can be accessed at gopher.aucc.ca under the directory AUCC briefs and submissions. I have appended the TOC and the first part of the report below. You can also access the report from the web page at:

<http://citd.scar.utoronto.ca/capa/e-publishing.html>

Happy reading, Leslie Chan chan@macpost.scar.utoronto.ca

P.s.: If you have problems retrieving the report, send me a private message and I will forward it to you.

Here it is:

TOWARDS A NEW PARADIGM FOR SCHOLARLY COMMUNICATION

Discussion paper prepared by the AUCC- Carl/ABRC Task Force on Academic Libraries and Scholarly Communication

September 1995

A Message from the Task Force Chairman

At its October 1994 meeting, the Board of Governors of the Association of Universities and Colleges of Canada endorsed a proposal from the Canadian Association of Research Libraries that a joint task force be established "to address the crisis of Scholarly communication and its effects on higher education in Canada".

The proposal emerged as a result of a clear consensus among members of CARL/ABRC that, given the central role of academic libraries in scholarly communication, the challenges they face must be seen as fundamental concerns of universities. AUCC's board agreed that addressing the issue of scholarly communication is key to the success of the university community as it moves into the next century.

The challenges facing university include:

- escalating prices for scholarly information, particularly in the sciences;

- an increasing volume of academic information, due in part to university hiring, promotion and tenure practices;

- the ownership of copyrights by private interests; and

- an environment characterized by rapid technological change and growing fiscal restraint.

The challenge for universities is to move steadily towards a new paradigm of scholarly communication. The current paper-based system of scholarly communication, in which libraries acquire resources just in case scholars and students need them, is increasingly difficult for universities and their libraries to support and sustain. The new system should be premised on the principle of just in time services.

The challenges and opportunities by fiscal constraint, new technologies and an explosion of information require that universities and their libraries develop a system by which scholars and students can access information when it is needed. Such a system would be net-work based, cost-efficient and more timely, while maintaining the values of peer review and protecting the copyright interests of scholars and institutions.

The AUCC/ABRC began its work in January 1995. Composed of university executive heads, vice-presidents academic and member university librarians of CARL/ABRC and the Canadian Association of Small University Librarians (see Appendix 1 for details), the task force is developing priorities for action to ensure that academic librarians can continue to effectively support scholarship in all forms at Canadian universities.

The discussion paper is the first of a series of papers intended to raise awareness of these important issues, to describe initiatives which have begun to address these issues, and to propose strategies for the short, medium and long term.

The members of the task force hope that all parts of the scholarly community become engaged in finding constructive approaches for dealing with the changing environment. Because the issues are complex and the impediment to change could prove difficult to overcome, a total effort on the part of the community is required.

If you have any comments or suggestions, please forward them to the task force:

AUCC-CARL/ABRC Task Force on Academic Libraries and Scholarly Communication
c/o Association of Universities and Colleges of Canada
600 - 350 Albert Street
Ottawa On. Canada K1R 1B1
Fax: (613) 563-9745
e-mail: taskforce@AUCC.ca

Murray Fraser, Chairman
AUCC/CARL/ABRC Task Force on Academic Libraries and Scholarly Communication
President, The University of Calgary

Editor's Note

Re: Anthropometric Equipment

Thanks to **Andrew Nelson** (University of Western Ontario) I am able to add some information on the supply of anthropometric equipment. I take it that this is useful information because hopefully, we will all at one time or the other be in a situation when we are wished we knew from which company we could purchase a caliper or even an anthropometer. Here are the addresses and some prices:

Anthropometric Instrument Supplier Information

Seritex Inc. 450 Barell Ave. Carlstadt, NJ 07072 U.S.A.; Tel.: 201 939-4606; fax: 201 939-3468. (This seems to me, according to the address, the old Pfister Import-Export Inc.

Siber Hegner & Co. Technical Products Division. Wiesenstr. 8, CH-8008 Zurich, Switzerland. Tel.: 011 41-1 386 73 51 or 011 41-1 386 72; fax: 011 41-1 382 1757

Both carry full GPM Anthropometric Instrument line including anthropometers, spreading, sliding and coordinate calipers, skinfold calipers etc.

Example with price: GPM Anthropometer 0-2100 mm for all height measurements of the whole body and its segments;

from Siber Hegner & Co. in Zurich: 1609.-- Swiss franc (roughly \$Can 1800.--

from Seritex in U.S.A.: \$ US: 2273.-- (roughly \$Can 3100.--!

Harpenden Anthropometer: length 50-570 mm with extensions 50-2000 mm with carrying case straight and curved arms and spare recording counter: only from Seritex, U.S.A. \$ US 1607.-- (roughly \$Can 2200.--)

Body Segment Anthropometers:

Lafayette Instrument Company, Inc. P.O.Box 5729, 3700 Sagamore North, Lafayette, Indiana 47903 U.S.A. ; Tel.: 317 423 1505 or toll-free 1 800 428 7545 Fax: 1-317 423 4111. In Canada: Les Industries Technolab (Canada) Ltée. tel.: 1-800 363 2381 or 514 345 0604 (Montreal); 5757 avenue Decelles, suite 329 Montreal Quebec H3S 2C3. Lafayette carries various kinds of anthropometric instruments including sports and sports physiology equipment including skinfold calipers, large and small spreading calipers, chest calipers, tapes, goniometers, etc.

Example: large spreading caliper range 0-600 mm for body widths and segment lengths \$ US 144.-- (roughly \$ Can 200.--)

small spreading caliper range 0-300 mm \$ US 127.-- (roughly \$ Can 175.--)

Canadian Supply House: Rosscraft 14732 -16-A Avenue Surrey B.C., Canada. Tel.: 1-604 531 5049, fax: 1-604 538 3362; www:http://www.infoserve.net/moonlight/isak/9601_01.html; e-mail:

billross@deepcove.com

Anthropometric kit including segment and breadth calipers, tapes, stadiometer, skinfold calipers etc. \$ Can 999.-- for Canadians in Canada; \$ US. 1019.--. The segmometer for segment lengths alone costs \$ Can 89.90.

Ref.: Anthropometry in assessing physique status and monitoring change. In: O. Bar-Or: The Child and adolescent Athlete.pp. 538-572. Blackwell Science Oxford.

Other suppliers:

Perspective Enterprises, 7829 Sprinckle Road, Kalamazoo, MI 49001, U.S.A. 1-800 323 7452; carries various kinds of calipers and measuring equipment, but no anthropometers.

Les Marcus c/o American Museum of Natural History. Digital calipers, including data cables & software to interface the calipers and your computer; les is very knowledgeable about all kinds of calipers and can produce customized versions as well. He is the best resource for the computer interface equipment and software. E-mail: marcus@amnh.org

Fred Ferguson Quality Control Company 4717 Lankershim Blvd, N. Hollywood, CA 91602 U.S.A. tel.: 1-818 761 2454. He carries digital calipers of all kinds at very good prices.

Defunct Suppliers: NAC Anthropometric Instruments formerly of Albany. CA;

Owl Instruments - formerly of Markham Ont., Canada.

I took the liberty and added some suppliers of Primate, Hominoid and hominid fossil casts for use in Primatology and (Human) Evolution -Palaeoanthropology courses:

Kenya National Museum - Casting Department; P.O.Box 40658, Nairobi, Kenya. They are the best suppliers of Hominoid and Plio-Pleistocene Hominid casts.

The Cleveland Museum of Natural History, Wade Oval, University Circle, Cleveland Ohio 44106. U.S.A. Tel.: 231-4600.

Laboratoire de Prehistoire du Museum National d'Histoire Naturelle UA 184 Du Centre National de la Recherche Scientifique. Musee' de l'Homme Palais de Chaillot, 17 Place du Trocadero, 75016 Paris France. Tel.: 47.04.59.41.

Tel Aviv University, Sackler School of Medicine, Casting Program, Dept. of Anatomy and Anthropology. Ramat Aviv, Tel Aviv 69978, Israel, P.O.Box 39040;

Tel.: 972 3 412271, 5459866; Fax: 972 3 410173. Limited supply of Amud, Kebara, Zutiye, Qafzeh etc.

Due to our physical dislocation, I cannot be more specific than

listing the Transvaal Museum, Witwatersrand, South Africa and their casts - mainly Australopithecines.

France Casting, Diane L. France, Ph.D. 20102 Buckhorn Road, Bellevue, Colorado 80512 U.S.A. -provides casts of Primates, human pathologies, mammals.

FROM OUR
Secretary- Treasurer, Chris Meiklejohn:

Dear CAPA Mailing list associate:

Below you will find the details on renewing your CAPA Membership for 1995/96. Since the membership year is from one meeting to the next, this call is for memberships for the period until the 1996 meeting, to be held at Queen's University at the end of October.

May I put in a brief request for those of you on the e-mail mailing list who have not submitted membership fees in the last couple of years. I would stress that CAPA remains the primary means by which Canadian physical anthropologists can maintain contact as a group. It is also the only formal lobbyist for Physical Anthropology at the national level grant agencies, SSHRC and NSERC. I feel that it deserves support as a group.

If you need a formal receipt for your fees, other than your check back via the normal means, please let me know. Also let me know if it needs to a formal signed document, as opposed to an e-mail receipt. remember that the use of e-mail to both send this membership request and to send receipts saves the association considerable amounts.

CAPA memberships remain unchanged at:

Full membership = \$ 35.--
Student membership = \$ 15.--

Please make the cheque payable to the Canadian Association for Physical Anthropology and send to:

Dr. Christopher Meiklejohn
Secretary-Treasurer, CAPA
Dept. of Anthropology
University of Winnipeg
Winnipeg MB R3B 2E9

POLL ON ANNUAL MEETING AFFILIATION

Do you think it is a good idea to hold our annual meeting with another organization? _____

If yes, which organization would you prefer to meet with?

Canadian Archaeological Association (CAA) _____

Canadian Society of Forensic Sciences (CSFS) _____

American Association of Physical Anthropology (AAPA) _____

Canadian Anthropology Society (CASCA) _____

Humanities and Social Science Federation of Canada

(HSSFC. because of our size, we may need to be affiliated with another group e.g CASCA to participate) _____

Congress of Social Sciences and Humanities

(formerly the Learned Society Congress - need to be affiliated with the HSSFC to participate) _____

Other (specify) _____

Would you like to "shop around" for the most comfortable group? _____

Would you like to alternate groups from year to year? _____

N.B The results of this poll will be used as a basis for discussion at our next business meeting, and as a mandate for investigating feasibility.

Send to: Christine White
Department of Anthropology
University of Western Ontario
London, Ontario N6A 5C2