

Volume 2021 Issue 2

# NEWSLETTER



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**Canadian Association for Biological Anthropology**  
**l'Association canadienne d'anthropologie biologique**

*Cover photo: view of a developmental defect in dentin known as interglobular dentin (IGD), commonly associated with vitamin D deficiency, on a tooth from individual E-T1 from Farfán on the North Coast of Peru. This adolescent female was excavated at the Huaca Burial Platform, a cemetery associated with the Inca institution of "Chosen Women" during the Late Horizon (AD 1450-1532). The mineralisation defect, occurring around 3.5 years of age, was observed on the lingual side of a thin-section (mesio-distal cut) of her upper right first incisor using Backscattered Scanning Electron Microscopy (BSE-SEM), model SU3900, electron acceleration voltage at 15.0 kV, magnification x750, working distance 10.6 mm.*

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Volume 2021 Issue 2

# NEWSLETTER

**Editor: Luísa Marinho, PhD**

email: [newsletter-editor@caba-acab.net](mailto:newsletter-editor@caba-acab.net)

# MESSAGE FROM THE PRESIDENT

Andrea L. Waters-Rist



*(le français suit)*

**Dear CABA-ACAB Members,**

*It's a pleasure to be writing my first newsletter message as CABA-ACAB president, taking the reins from our dear colleague, Ian Colquhoun. I know I am not alone in thanking Ian for his many years (16!) of service on the CABA-ACAB executive. I am excited to help lead our association with a core commitment to support rigorous science and cutting-edge research in Biological Anthropology, but just as importantly, to support students and diversity and inclusion initiatives, introduce semi-regular webinars, further develop strategies for successful hybrid (virtual and in-person) annual meetings, and to continue ever-important public outreach activities. It was an honour to have been considered for the position with such accomplished and respected colleagues and echo a sentiment expressed at the Annual Meeting, that our caring and committed membership bodes well for the future of our association.*

*It is an exciting time for our association, with the name change to the Canadian Association for Biological Anthropology having become official, the creation of new executive positions (see below) and a pilot fund to support student field school participation, and important developments in the realm of Equity, Diversity and Inclusion (EDI). Annual membership rates will increase come 2022 (last increased in 2003) to ensure the financial health of our association.*

*It is also a challenging time for many CABA-ACAB members, particularly those working with and for Indigenous groups on unmarked burials at former Residential Schools. It is important to recognize that some of our members have already been involved in this work for many years and I thank them for sharing their experiences and advice as we develop resources that may be useful for Indigenous communities. In the summer of 2021, our association formed an ad hoc committee on unmarked burials at Residential Schools that included any and all interested CABA-ACAB members (currently composed of over 50 individuals). At our Annual Business Meeting, the membership voted to form a new standing committee to lead these efforts, with the ad hoc committee providing auxiliary advice and support. I would like to thank all members of these committees, and especially acknowledge Bess Doyle for taking the lead on many fronts. I am pleased that our website now includes a document on "When Unmarked Burials are Found: Possible Options for Next Steps", with future documents to come, and that we are a part of the 'Coalition to Support Indian Residential School Missing Children Investigations' along with other scholarly associations across Canada.*

# MESSAGE FROM THE PRESIDENT

Andrea L. Waters-Rist

*There will be fresh faces on the executive by Spring 2022, as we seek to fill the new Vice-President and EDI Officer positions. Please keep an eye on your inbox in January and February for candidate statements and voting procedures. I'd like to thank Amy Scott, Rob Hoppa, and Katie Brent for serving as the VP search committee (especially after having done this for the President position) and Maddy Mant, Angela Lieverse, Elizabeth Sawchuk (as backup), and Florence Landry for serving as the EDI search committee. Additionally, Lesley Harrington has announced she will not seek another term as our Secretary Treasurer (she will be sorely missed!) so we will be seeking candidates for that position in the Spring, with duties beginning after our next annual meeting.*

*Now onto the 49th CABA-ACAB Annual Meeting. It was our first hybrid meeting bringing with it many new logistical challenges. Many thanks go to Megan Brickley, Tina Moffat, Tracy Prowse, Bess Doyle, and the many student volunteers of McMaster University for hosting a great in-person meeting in Hamilton! Also a big shout out to Matt Tocheri and the volunteers of the virtual events for bringing together scholars from across Canada and beyond who couldn't join us in person. I was one of many who needed a bit of initial help to use our virtual platform, Gather space, and join Zoom sessions, and Matt was always right there to help. I was truly impressed by all the work that had gone into creating the fun and interactive Gather space (loved the scavenger hunt) and encourage members who have been reluctant to participate in virtual events, to do so - this aspect of conferences is around to stay and you'll find the technology quite easy to learn and use.*

*I was so happy to see old friends and meet new people both in-person and online and to hear about the latest research. Those able to make it in person were treated to a lovely banquet venue (the Art Gallery of Hamilton), fun trivia (although I wished I had watched the musical Hamilton!), and especially fabulous door prizes. A good time was had by all! I'd also like to acknowledge our Student Representative, Lauren Poeta, for putting together an excellent Student Luncheon on "Precarious positions: A discussion on diversity and marginalization in Biological Anthropology." Finally, thanks to all of the session chairs, presenters, and attendees for a great meeting.*

*I have the pleasure of re-announcing the Student Award winners, and Honourable Mentions, from the 2021 Annual Meeting:*

*The Ochinsky-McKern Award for top podium presentation was presented to Florence Landry for "Landry F & Teichroeb JA. Why should I get involved? Female and male behaviour during inter-unit interactions: the case of Rwenzori colobus monkeys". The judges also gave an Honourable Mention to Creighton Avery for "Avery LC, Brickley MB, Bondioli L & Prowse T. Changing childhood diets: Incremental stable isotope analysis of tooth dentin from Imperial Roman Italy (1-4th century CE)".*



# MESSAGE FROM THE PRESIDENT

Andrea L. Waters-Rist

*The Davidson Black Award for the best student poster was presented to Tess Wilson for "Wilson T & Szpak P. Examining the use of EDTA for humic extraction of ancient bone". The judges gave an Honourable Mention to Amanda Seyler for "Seyler A, Kushlyk K, DeCaro J, Manyama M, Hallgrimsson B, & Wilson W. Linking contemporary health and evolutionary history: maternal subjective social status and mental and physical health among maternal-child dyads in urban Tanzania".*

*Thank you to the judges and congratulations to both the Student Award winners and Honourable Mentionees. I'd also like to congratulate Brianne Morgan, McMaster University, for receiving the Shelley R. Saunders Thesis Research Grant.*

*Our next Annual Meeting, our 50th, is in Saskatoon, being hosted by the University of Saskatchewan. It promises to be a great event. Stay tuned for future announcements.*

*With that, it is time to decorate sugar cookies and watch the Muppets Christmas Carol. I wish you all a Happy Holidays and a Great New Year. Stay safe and take care,*

**Andrea**

**December 23rd, 2021**

# MESSAGE FROM THE PRESIDENT

Andrea L. Waters-Rist



**Chers membres de l'ACAB-CABA,**

*C'est avec plaisir que j'écris mon premier message dans le bulletin d'information en tant que présidente de l'ACAB-CABA, en prenant la relève de notre cher collègue, Ian Colquhoun. Je sais que je ne suis pas la seule à remercier Ian pour ses nombreuses années (16!) de service au sein de l'exécutif de l'ACAB-CABA. Je suis enthousiaste à l'idée d'aider à diriger notre association en m'engageant à soutenir une science rigoureuse et une recherche de pointe en anthropologie biologique, mais aussi — et c'est tout aussi important — à soutenir les étudiants et les initiatives de diversité et d'inclusion, à introduire des webinaires semi-réguliers, à poursuivre le développement de stratégies pour des assemblées annuelles hybrides (virtuelles et en personne) réussies, et à poursuivre les activités de sensibilisation du public toujours aussi importantes. C'est un honneur d'avoir été considéré pour ce poste avec des collègues aussi accomplis et respectés et de faire écho à un sentiment exprimé lors de l'assemblée annuelle, à savoir que la preuve de l'attention et de l'engagement des membres dans un certain nombre de postes, de comités et d'initiatives est de très bon augure pour l'avenir de notre association.*

*C'est une période stimulante pour notre association avec le changement officiel de nom de l'Association canadienne d'anthropologie biologique, la création de nouveaux postes exécutifs (voir ci-dessous) et d'un projet pilote de fonds pour soutenir la participation des étudiants aux stages pratiques, ainsi que des développements importants dans le domaine de l'équité, de la diversité et de l'inclusion (EDI). Les taux d'adhésion annuels augmenteront en 2022 (la dernière augmentation remonte à 2003) afin de garantir la santé financière de notre association.*

*C'est également une période difficile pour de nombreux membres de l'ACBA-CABA en particulier ceux qui travaillent avec et pour des groupes autochtones sur les sépultures non marquées dans les anciens pensionnats. Il est important de reconnaître que certains de nos membres sont déjà impliqués dans ce travail depuis de nombreuses années et je les remercie de partager leurs expériences et leurs conseils alors que nous développons des ressources qui peuvent être utiles aux communautés autochtones. Au cours de l'été 2021, notre association a formé un comité spécial sur les sépultures non marquées dans les pensionnats autochtones qui comprenait tous les membres intéressés de l'ACBA-CABA (actuellement composé de plus de 50 personnes). Lors de notre assemblée générale annuelle, les membres ont voté pour la création d'un nouveau comité permanent chargé de diriger ces efforts, le comité spécial fournissant un soutien et des conseils auxiliaires.*

# MESSAGE FROM THE PRESIDENT

Andrea L. Waters-Rist

*Je tiens à remercier tous les membres de ces comités et en particulier Bess Doyle qui a pris la direction des opérations sur de nombreux fronts. Je suis heureuse que notre site web contienne désormais un document intitulé « When Unmarked Burials are Found: Possible Options for Next Steps », avec d'autres documents à venir, et que nous fassions partie de la Coalition de soutien aux communautés autochtones dans les enquêtes au sujet des enfants disparus dans les pensionnats autochtones avec d'autres sociétés savantes à travers le Canada.*

*Il y aura de nouveaux visages au sein du comité exécutif d'ici le printemps 2022, alors que nous cherchons à pourvoir les nouveaux postes de vice-président(e) et d'agent(e) de l'EDI. Veuillez surveiller votre boîte de réception en janvier et février pour les déclarations des candidat(e)s et les procédures de vote. J'aimerais remercier Amy Scott, Rob Hoppa et Katie Brent d'avoir servi de comité de recherche pour le poste de vice-président(e) (surtout après l'avoir fait pour le poste de président(e)) et Maddy Mant, Angela Lieverse, Elizabeth Sawchuk (en renfort) et Florence Landry d'avoir servi de comité de recherche pour l'EDI. De plus, Lesley Harrington a annoncé qu'elle ne sollicitera pas un autre mandat en tant que secrétaire-trésorière (elle nous manquera beaucoup!). Nous chercherons donc des candidat(e)s pour ce poste au printemps qui entrera en fonction après notre prochaine assemblée annuelle.*

*Passons maintenant à la 49e assemblée annuelle de l'ACBA-CABA. Il s'agissait de la première réunion hybride de l'ACBA-CABA ce qui a entraîné de nombreux nouveaux défis logistiques. Un grand merci à Megan Brickley, Tina Moffat, Tracy Prowse, Bess Doyle et aux nombreux étudiant(e)s bénévoles de l'Université McMaster pour avoir organisé une excellente réunion en personne à Hamilton! Un grand merci également à Matt Tocheri et aux bénévoles des événements virtuels pour avoir réuni des universitaires provenant de tout le Canada et d'ailleurs qui ne pouvaient pas se joindre à nous en personne. J'ai été l'une des nombreuses personnes qui ont eu besoin d'un peu d'aide initialement pour utiliser notre plateforme virtuelle, l'espace Gather, et participer aux sessions Zoom, et Matt était toujours là pour aider. J'ai été vraiment impressionnée par tout le travail accompli pour créer notre espace Gather amusant et interactif (j'ai adoré la chasse au trésor) et j'encourage les membres qui hésitent à participer à des événements virtuels à le faire — cet aspect des conférences est là pour de bon et vous trouverez la technologie très facile à apprendre et à utiliser. J'ai été très heureuse de revoir de vieux ami(e)s et de faire de nouvelles rencontres, en personne et en ligne, et enfin d'entendre parler des dernières recherches. Ceux qui ont pu se rendre sur place ont eu droit à un magnifique banquet (à la galerie d'art d'Hamilton), à des questions amusantes (même si j'aurais préféré regarder la comédie musicale Hamilton!) et à des prix de présence particulièrement intéressants. Tout le monde s'est bien amusé! J'aimerais également remercier notre représentante des étudiants, Lauren Poeta, qui a organisé un excellent dîner pour les étudiants sur le thème « Positions précaires : Une discussion sur la diversité et la marginalisation en anthropologie biologique ». Enfin, merci à tous les présidents de séance, aux présentateurs et aux participants pour cette excellente réunion.*

# MESSAGE FROM THE PRESIDENT

Andrea L. Waters-Rist

*J'ai le plaisir de vous annoncer à nouveau les lauréats des prix étudiants et les mentions honorables de la réunion annuelle de 2021 :*

*Le prix Ochinsky-McKern pour la meilleure présentation sur le podium a été décerné à Florence Landry pour « Landry F & Teichroeb JA. Why should I get involved? Female and male behaviour during inter-unit interactions: the case of Rwenzori colobus monkeys ». Les juges ont également décerné une mention honorable à Creighton Avery pour « Avery LC, Brickley MB, Bondioli L & Prowse T. Changing childhood diets: Incremental stable isotope analysis of tooth dentin from Imperial Roman Italy (1-4th century CE) ».*

*Le prix Davidson Black pour la meilleure affiche étudiante a été décerné à Tess Wilson pour « Wilson T & Szpak P. Examining the use of EDTA for humic extraction of ancient bone ». Les juges ont décerné une mention honorable à Amanda Seyler pour « Seyler A, Kushlyk K, DeCaro J, Manyama M, Hallgrimsson B, & Wilson W. Linking contemporary health and evolutionary history: maternal subjective social status and mental and physical health among maternal-child dyads in urban Tanzania ».*

*Merci aux juges et félicitations aux lauréats des prix étudiants et aux lauréats des mentions honorables. Je tiens également à féliciter Brianne Morgan, de l'Université McMaster, qui a reçu la bourse de recherche de thèse Shelley R. Saunders.*

*Notre prochaine assemblée annuelle, la 50e, aura lieu à Saskatoon et sera organisée par l'Université de la Saskatchewan. Cela promet d'être un grand événement. Restez à l'écoute pour les annonces à venir.*

*Sur ce, il est temps de décorer des biscuits au sucre et de regarder le Muppets Christmas Carol. Je vous souhaite à tous de joyeuses fêtes et une excellente nouvelle année.*

*Soyez prudents et prenez soin de vous,*

**Andrea**

**23 décembre 2021**

# MESSAGE FROM THE STUDENT REPRESENTATIVE

Lauren September

## **Boozhoo CABA/ACAB Student Members,**

Wow – It is so exciting to officially address you all as “CABA/ACAB” Members! It was such a pleasure seeing you all (both in-person and virtually) at the first “blended” Annual Meeting. First, I want to congratulate all the incredible student presenters I witnessed. CABA/ACAB is lucky to have such high-calibre student researchers in our membership – you are our future! I came home so inspired by you lovely people.

To all Student Members, I hope you are progressing successfully through program requirements, comprehensive exams, and defences. For those preparing applications to new programs, I wish you the best of luck in the next chapters of your life. For those whose timelines are re-shaping, 2022 is just around the corner and I am sending you all my good energy. During such a trying period, I hope everyone takes time to recuperate and reflect so you can enter the new calendar year refreshed. Although back to an in-person model this school year, I still feel the ongoing pandemic’s effects. It is not yet “business as normal,” and you are not alone if you feel the same.

Going into 2022, I plan to continue student-focused EDID initiatives for my final year serving as your Student Representative. My goal for 2022 is to have the Luncheon be just as well received as this past one.



I have some ideas percolating, but always love to hear your suggestions. Until then, our Twitter has changed to @CABA\_ACAB, so please keep up to date with all things “CABA/ACAB” there. Spoiler alert, there’s a lot of workshops and field schools running that you can find in our feed!

On a final note, a HUGE welcome to Dr. Andrea Waters-Rist as our new President and endless thanks for Dr. Ian Colquhoun’s inspiring dedication and long-time service to making this organization succeed.

**Ambegish sa go minwendameg,**

**I hope you are all happy,**

**Lauren September Poeta**



# CABA-ACAB 2021 MEETING

*CABA-ACAB holds a successful hybrid conference!*

*The 49th annual CABA-ACAB first hybrid meeting that took place at the Sheraton in Hamilton, Ontario and virtually on Gather was a great success.*

*Thanks to the organizers, Megan Brickley, Elizabeth Doyle, Tina Moffat, Tracy Prowse (McMaster), and Matt Tocheri (Lakehead), as well as all the student volunteers.*

Student Award winners, and Honourable Mentions, from the 2021 Annual Meeting are as follows:

The Ochinsky-McKern Award for best podium presentation



*Florence Landry*

Honourable Mention



*Creighton Avery*

Davidson Black Award for best student poster



*Tess Wilson*

Honourable Mention



*Amanda Seyler*

Shelley R. Saunders Thesis Research Grant



*Brianne Morgan*

# CABA-ACAB 2021 MEETING

*... in photos!*





# CABA-ACAB 2021 MEETING

*... in photos!*



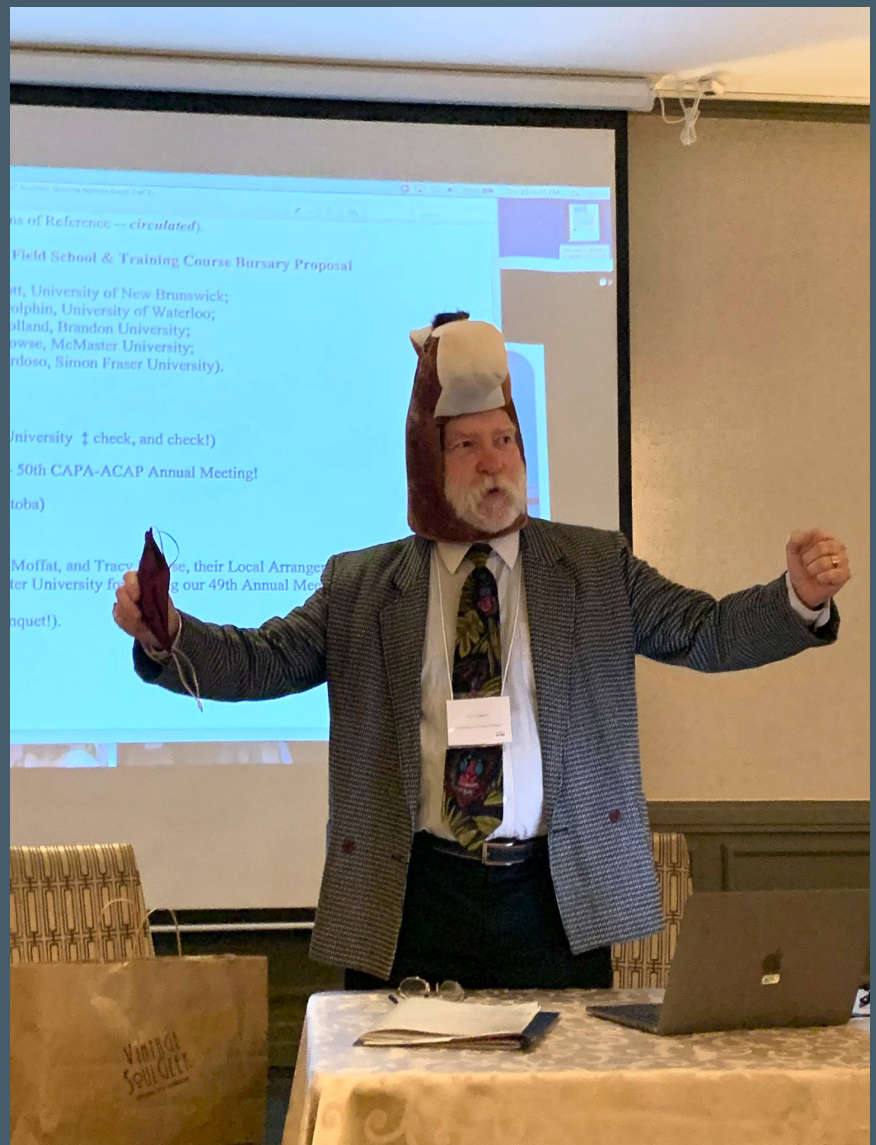


# CABA-ACAB 2021 MEETING

## *... in photos!*



And a special photographic homage to the incredibly fun and dedicated former president of CABA-ACAB, Ian Colquhoun.



On behalf of the entire  
CABA-ACAB membership,  
thank you.

# Conference

## "Emerging Adolescence"

### Congratulations to our members!

Dr. Megan Brickley and PhD candidate Creighton Avery from McMaster University hosted 'Emerging Adolescence', the first virtual event to disseminate knowledge of adolescence in the past generated by anthropologists, on November 1 and 2, 2021.

Adolescence is a key phase of life, marked by drastic biological and social changes as individuals transition to adult community members. With increased worry about the wellbeing of younger community members today, obtaining longer-term perspectives on this transition to the adult world facilitates understanding of individuals, groups and societies, both past and present. Engagement with this key period is a recent development for anthropologists and so this workshop was critical.

The virtual workshop brought together 217 people from 29 countries, with half the attendees identifying as undergraduate or graduate students. Presentations from Canadian anthropologists and keynote addresses by Professor Mary Lewis (University of Reading, UK) and by Professor Sharon DeWitte (University of South Carolina, USA) highlighted the ways that we can investigate adolescence, and how studying adolescence can expand our understanding of the past more broadly. The workshop was supported by a SSHRC Connection Grant, McMaster University's Faculty of Social Science, the Canadian Association of Physical Anthropology, and Bioarchaeology International.

**Stay tuned for future developments, including video recordings, teaching materials, and a special issue of Bioarchaeology International, to be co-guest edited by Creighton Avery, Megan Brickley and Mary Lewis.**





# Department news

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## Department of Anthropology, University of Western Ontario

Western's Anthropology Department currently has four permanent Faculty members in Biological Anthropology: Andrew Nelson, Ian Colquhoun, Jay Stock, and Andrea Waters-Rist. Andrew has recently taken on the duties of Department Head and as you'll have seen from the newsletter messages, Andrea has taken the reins from .. as CABA-ACAB President. We have a large and talented group of graduate students researching topics ranging from Peruvian mummy bundles, non-destructive imaging, phenotypic plasticity, bone biomechanics, primate conservation, infant feeding practices, and diet-disease synergies. This was especially evident via the large contingent of Western students (graduate and undergraduate) who attended the recent CABA-ACAB Annual Meeting in Hamilton.

In 2021, Andrew Arsenault, Jillian Graves, and Cameron Beason successfully defended their Master's theses and Hana Salahuddin passed her PhD candidacy exam. Congratulations! We would like to acknowledge the extensive contributions of MA student Lauren Poeta over the past year. Lauren has gone above and beyond as a major contributor to CABA-ACAB's committee on unmarked graves at former Residential Schools, while advising her own and other Indigenous communities on this difficult matter, and putting together a great student luncheon on diversity and marginalization in Biological Anthropology as the CABA-ACAB Student Representative. Her dedication is an inspiration and deeply appreciated.

## Recognitions & Awards

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**Ian Colquhoun** has been re-invited to serve another four years as a member of the Madagascar Section of the IUCN/SSC Primate Specialist Group, the organization that compiles information for the "Red List of Threatened Species".

**Alison Murray** has received an NSERC Discovery Grant (2021-2026) for the project "Experimental approaches to understanding the evolution of phenotypic diversity".

**Stephanie Calce** (P.I., UVic) and **Darlene Weston** (Collaborator, UBC) have received a SSHRC Insight development Grant (2021-2023) for the project "Bone-formers and bone-losers: Factors in assessing age-at-death in human remains".

# PUBLICATIONS

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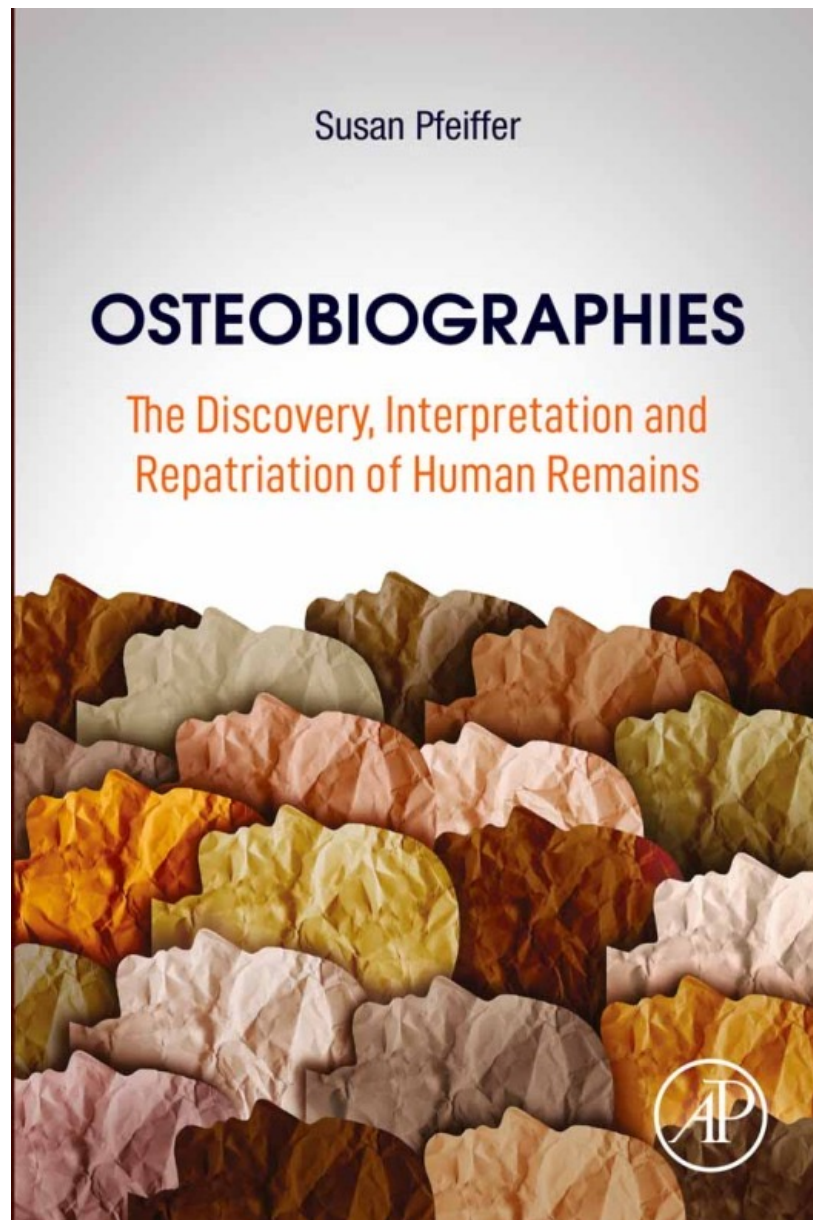
**Congratulations to our members for their most recent publications!**

**From the Dept. of Anthropology, University of Toronto:**

2021. Pfeiffer, Susan. Osteobiographies: The Discovery, Interpretation and Repatriation of Human Remains. Academic Press.

[eBook ISBN: 9780128238813](#)

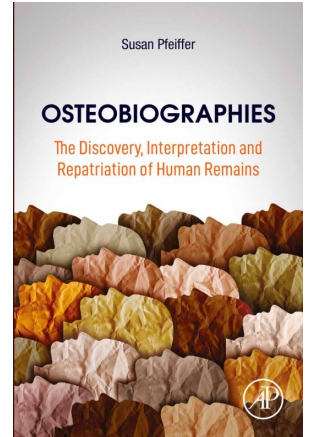
[Paperback ISBN: 9780128238806](#)



# PUBLICATIONS

## From the Dept. of Anthropology, University of Toronto:

2021. Pfeiffer, Susan. *Osteobiographies: The Discovery, Interpretation and Repatriation of Human Remains*. Academic Press.



“ Archaeological discoveries can expand the depth and breadth of humanity’s story. Perhaps the most evocative discoveries are those of human remains. Human bones and teeth bear evidence of lives lived. While people from the distant past cannot be known by their given names, we have the tools to frame many features of their lives. These include age at death, sex, body size and build, and aspects of their life circumstances, like diet and disease. Some information comes from the size and shape of whole bones, while other information comes from laboratory analyses of tiny fragments. A single tooth (as might be extracted by a dentist or offered to the Tooth Fairy) is sufficient for exploration of radiocarbon date, stable isotopes linked to diet, other stable isotopes linked to geographic location, plus the ancient DNA of both the person and the person’s pathogens.

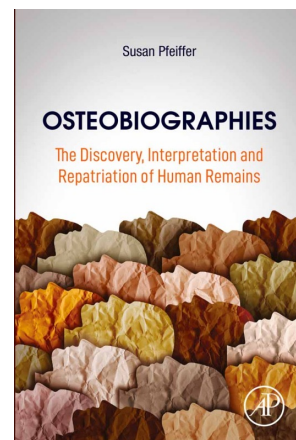
In my book, I explain how osteobiographies are constructed, with examples from my work in Canada and Africa. They include the discovery and interpretation of a skeleton from a child unable to walk who lived among hunter-gatherers and was sustained by her family for many years. Another example is that of an adult of uncertain sex and distorted facial features whose burial gifts indicate uniquely high social status. Other examples show how insights can come from the study of patterns within communities, as discerned from bones, teeth, or small samples thereof. These can be patterns of foodways, child growth, interpersonal violence and other traits, varying through space and time.

Past academic practice has shied away from linking this kind of information to the culture histories of specific modern descendants. Rather, researchers have treated it as relevant to a broad, universal story of humanity, as studied by their guild. This stance is reflected in their use of specialist terminology, their communication with narrowly framed audiences, and their limited social engagement. Society is generally unaware that scientific approaches can contribute useful new knowledge to regional histories. Scientists need to confront this unfamiliarity and the distrust that often accompanies it. Study of the ancestors can provide substantial information to the many global cultural groups whose documented histories are incomplete, biased, or both. (...)

# PUBLICATIONS

## From the Dept. of Anthropology, University of Toronto:

2021. Pfeiffer, Susan. *Osteobiographies: The Discovery, Interpretation and Repatriation of Human Remains*. Academic Press.



(...) Collaboratively with descendants, my co-workers and I have explored the lives of ancestral Huron-Wendat (Indigenous people whose story began in what is now southern Ontario, Canada) by studying one tooth per person. With the permission of the descendants, these teeth were retained prior to the repatriation and reburial of their ancestors. As expected from traditional knowledge, we found isotopic evidence of adoption into the group of some people who began life elsewhere. We have isotopic evidence that the disruptions associated with arrival of Europeans led to food insecurity, with earlier weaning of babies and a lower proportion of animal protein in diets. These details can supplement and reinforce traditional knowledge and historic documents.

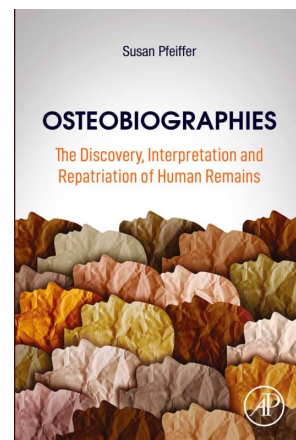
Moving the focus to southern Africa, our studies of hundreds of individual skeletons of ancestral Khoe-San foragers illustrate their biological adaptations and successful exploitation of a unique environment for thousands of years. This is consistent with expectations grounded in traditional knowledge of descendants as well ethnographic and historic observations. However, we also uncovered evidence of ancestral foragers practicing coalitionary violence in which women and children were killed with the tools normally used for foraging. We found this pattern only in one part of the extensive Khoe-San range, and only for a few hundred years. This unique pattern would not be predicted from other lines of knowledge about the Khoe-San and would not be known without osteobiographic research.

Educational, governmental, and cultural institutions hold collections of literally thousands of skeletons. Perhaps the most numerous catalogued units are isolated crania linked to the long period of "race science" when collectors sought to discern separations and rankings among human groups. There are also trays and boxes of skeletons and partial skeletons from archaeological excavations. The American federal law mandating repatriation to Indigenous descendants (NAGPRA) has been in place for several decades, but most countries do not have legislated frameworks for repatriation. (...)

# PUBLICATIONS

## From the Dept. of Anthropology, University of Toronto:

2021. Pfeiffer, Susan. Osteobiographies: The Discovery, Interpretation and Repatriation of Human Remains. Academic Press.



(...) The frameworks established for the return of cultural objects, like the 1970 UNESCO Convention on Return of Cultural Property, are not available to those who seek return of ancestors. The International Council of Museums (ICOM) Code of Ethics offers guidance on the return of objects but is mute on the matter of human remains. With or without legislation and policy frameworks, it is hard to achieve successful repatriation or restitution, in which both descendants and scholars can point to achievement.

My book describes repatriations in Canada and Africa. I have detailed the steps taken to achieve the 2013 repatriation of Huron-Wendat ancestors. The context preceding this Canadian event was one of twentieth century archaeological research excavations, mainly undertaken by universities. The context preceding repatriations to African descendants was the export of human remains by nineteenth century colonial powers to Europe, and the establishment of colonial repositories in the occupied lands. I describe repatriations to Africa of individuals who were known by name and the return of others whose names are lost but who are nevertheless symbolically important to descendants. In all cases, the transfer of authority is very important, empowering the descendant communities.

I argue that in those many cases where transfer of responsibility for human remains is desired, the scientists with the skills to expand our information about those remains should be centrally involved. A relationship of trust and mutual respect must be built. Within it, scientists can construct osteobiographies in response to the direction and guidance of descendant communities. This work can go some way toward justifying the past disturbance of the dead and it can enrich our knowledge of our shared human past.

*A version of this piece is slated to appear on the Elsevier blog site, SciTech Connect (<http://scitechconnect.elsevier.com/>).*



# PUBLICATIONS

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## **Congratulations to our members for their most recent publications!**

### **From the Dept. of Anthropology, University of Western Ontario:**

2021. Dediu D., Moisik S., Baetsen W.A., Bosman A.M., Waters-Rist A.L. The vocal tract as a time machine: inferences about past speech and language from the anatomy of the speech organs. *Philosophical Transactions of the Royal Society B: Biological Sciences*. 376(1824): 20200192.

[DOI: 10.1098/rstb.2020.0192](https://doi.org/10.1098/rstb.2020.0192)

2021. Veselka B., Brickley M.B., Waters-Rist A.L. A joint medico-historical and palaeopathological perspective on vitamin D deficiency prevalence in post-Medieval Netherlands. *International Journal of Paleopathology*. 32: 41-49.

[DOI: 10.1016/j.ijpp.2020.10.010](https://doi.org/10.1016/j.ijpp.2020.10.010)

2021. Blom A.A., Schats R., Hoogland M.L.P., Waters-Rist A.L. Coming of Age in the Netherlands: an osteological assessment of puberty in a rural Dutch post-Medieval population. *American Journal of Physical Anthropology*. 174(3): 463-478.

[DOI: 10.1002/ajpa.24161](https://doi.org/10.1002/ajpa.24161)

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**Congratulations to our members for their most recent publications!**

**From the Dept. of Anthropology, University of Western Ontario:**

2021. Gilhooly, L.J., Burger, R., Sipangkui, S., Colquhoun, I.C. Tourist Behavior Predicts Reactions of Macaques (*Macaca fascicularis* and *M. nemestrina*) at the Sepilok Orang-utan Rehabilitation Centre, Sabah, Malaysia. *International Journal of Primatology*.

[DOI: 10.1007/s10764-021-00205-7](https://doi.org/10.1007/s10764-021-00205-7)

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## **Congratulations to our members for their most recent publications!**

### **From the Dept. of Anthropology, University of Western Ontario:**

2021. Pomeroy, E., Stock, J.T., Wells, J.C. Population history and ecology, in addition to climate, influence human stature and body proportions. *Scientific Reports* 11(1): 1-10.

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## **Congratulations to our members for their most recent publications!**

### **From the Dept. of Anthropology, University of Western Ontario:**

(in press). Sussman, R.W., Hart, D., Colquhoun, I.C. (editors). *The Natural History of Primates: A Systematic Review of Ecology and Behavior*. New York: Rowman & Littlefield.

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## **Congratulations to our members for their most recent publications!**

### **From the Dept. of Anthropology, University of Western Ontario:**

2021. McCafferty G., McCafferty S., Waters-Rist A.L., Chilcote C. Raising the Dead: Mortuary Patterns in Pacific Nicaragua. In: The Archaeology of Greater Nicoya: Two Decades of Research in Nicaragua and Costa Rica. Steinbrenner L., Geurds A., McCafferty G., Salgado S (eds). University Press of Colorado, pp. 395-432.

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(in press). Colquhoun, I.C., Powzyk, J. Diurnal and Cathemeral Lemurs. In: The Natural History of Primates: A Systematic Survey of Ecology and Behavior. Sussman, R.W., Hart, D., Colquhoun, I.C. (eds.). Rowman & Littlefield, NY.

(in press). Shekelle, M., Gursky, S., Achorn, A., Colquhoun, I.C. Tarsiers. In: The Natural History of Primates: A Systematic Survey of Ecology and Behavior. Sussman R.W., Hart D., Colquhoun, I.C. (eds.). Rowman & Littlefield, NY.

(in press). Eppley, T.M., Steffens, K., Colquhoun, I.C., Birkinshaw, C. Lemur Food Plants. In: The New Natural History of Madagascar. Goodman, S. (ed). Princeton University Press, Princeton, NJ.

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**Congratulations to our members for their most recent publications!**

**From the Dept. of Anthropology, University of Victoria:**

2021. Murray AA, Erlandson MC. Tibial cortical and trabecular variables together can pinpoint the timing of impact loading relative to menarche in premenopausal females. *American Journal of Human Biology*, Early View e23711.

[DOI: 10.1002/ajhb.23711](https://doi.org/10.1002/ajhb.23711)

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[DOI: 10.18357/tar121202120178](https://doi.org/10.18357/tar121202120178)

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(2022). Hansen MF, Kalan AK, Riley EP, Waters, S. Evaluating the need to habituate: Modern approaches to field primatology during the COVID-19 pandemic and beyond. *Primate Conservation*.

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**Congratulations to our members for their most recent publications!**

**From the Dept. of Sociology and Anthropology, Mount Royal University:**

2021. Heather T. Battles and Rebecca J. Gilmour, Beyond mortality: Survivors of epidemic infections and the bioarchaeology of impairment and disability. Bioarchaeology International.

[DOI: 10.5744/bi.2021.0003](https://doi.org/10.5744/bi.2021.0003)

**From the Dept. of Archaeology, Simon Fraser University:**

(2022). Congram, D., M. Mikellide, and M. Vennemeyer. Improving witness interviewing for the investigation of disappeared persons due to armed conflict. Forensic Sciences Research.

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[DOI: 10.3390/biology10080691](https://doi.org/10.3390/biology10080691)

**From the Dept. of Anthropology, University of Toronto Scarborough:**

2022. Stead SM, Bădescu I, Boonstra R. Of mammals and milk: How maternal stress affects nursing offspring. Mammal Review. 52(1): 129-147.

[DOI: 10.1111/mam.12267](https://doi.org/10.1111/mam.12267)

# Stories from the field... -ish



“ In rural Gambia, the word on the street is that red patas monkeys come down to the highway looking for trash to snack on during the dry season... but who knows, might be fake news.

– Laure Spake, in Gambia

“ This photo I think represents very nicely how we have been forced to improvise our teaching, research, and fieldwork during this pandemic. It is from the hotel in Shanghai where I had to do a mandatory three-week quarantine (strict quarantine for the first two weeks, not leaving the room) twice. I was smart enough to bring good coffee; not smart enough to have thought in advance about how to brew it. The situation made me think of something that Isaac Asimov's said: “the most exciting phrase to hear in science, the one that heralds new discoveries, is not 'Eureka!' but 'That's funny...'”

– Derek Congram, in China



“ What better way to celebrate an anniversary other than out in the open on a site, hitting the pause button on the strenuous excavation works, and in perfectly adequate PPE for COVID safety?

– Luísa Marinho, in Serbia







# ANNOUNCEMENTS

## FIELD SCHOOL

### Are you looking for a primate field school?

Maderas Rainforest Conservancy is currently accepting applications for summer 2022 and winter 2022-2023 field courses at La Suerte, Costa Rica.

All primate field courses are taught by **Dr. Laura Bolt (Adjunct Professor at University of Toronto Mississauga and University of Waterloo)**. Many Canadian universities will offer course credit for completing this field school.



This intensive field course provides experience in studying wild monkeys in a tropical rainforest environment and is excellent preparation for graduate studies in primatology, animal behaviour, and ecology. La Suerte Biological Research Station is a protected rainforest sanctuary operated by the Maderas Rainforest Conservancy, a conservation non-profit organization. The site contains mantled howler monkeys (*Alouatta palliata*), white-faced capuchin monkeys (*Cebus imitator*), and Central American spider monkeys (*Ateles geoffroyi*). Primate studies have been ongoing at this site for 25 years.

For more information and to apply, visit <http://maderasrfc.org>

If you have any questions, email Dr. Laura Bolt at [laura.bolt@mail.utoronto.ca](mailto:laura.bolt@mail.utoronto.ca).

#### Dates and prices:

**Summer session A, 2022 (June 24 - July 17 2022, \$2400 USD not including flight)**

**Summer session B, 2022 (July 19 - Aug 14 2022, \$2400 USD not including flight)**

**Winter 2022 (Dec 27 2022 - Jan 9 2023, \$2150 USD not including flight)**



# ANNOUNCEMENTS

## FIELD SCHOOL

### UNB Bioarchaeology

Now in its 5th year, the UNB Bioarchaeology Field School provides a unique experiential opportunity for students interested in bioarchaeology and early Canadian colonial history.

Established due to ongoing coastal erosion and the imminent destruction of over 1,000 burials at the 18th century Fortress of Louisbourg, this field school is the only one of its kind currently offered in Canada. This four week program has both a field and lab component where students will work with trained bioarchaeologists learning how to identify, excavate, map, and process human skeletal remains. In partnership with Parks Canada, this field school follows strict ethical guidelines for working with human remains and is in consistent communication with the local church and Mi'kmaq communities who have graciously given us permission to complete this essential work. Through this program students will be immersed in Atlantic colonial history and have opportunities to step back in time at this National Historic Site of Canada through musket and cannon firing, soldier camping, and history tours. Students will also have ample opportunity to explore the impressive historic archaeology collection at Louisbourg with over 2 million artifacts!



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- Learn bioarchaeological field techniques involving human remains and mortuary artifacts
- Gain lab skills for processing and analyzing human remains

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**2022**

Saskatoon, Saskatchewan

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