**50th Annual North American Meeting of the Paleopathology Association**   
**HYBRID MEETING - April 17-19, 2023**

**ABSTRACT FORM**

**ABSTRACT DEADLINE: NOVEMBER 18, 2022, 11:59pm EST**

The 50th Annual North American Meeting of the Paleopathology Association in Reno, NV, April 17-19, 2023 will be held **in hybrid format**. However, for planning purposes it is important to know in advance if you wish to take part in-person or virtual only.

**Please note an important change compared to previous meetings:**

We anticipate that next year´s abstracts will be published as a supplement of the IJPP (similar to AABA meeting abstracts in AJBA). For this reason, it is now even more important that your abstract meets all scientific criteria. To ensure this, all abstracts will be reviewed by members of the Program Committee.

Please, ensure that you:

- prepare your abstract according to the guidelines

- avoid self-plagiarism by not submitting similar abstracts from previous meetings or other conferences

We will not accept abstracts that have already been submitted to the AABA meeting this year!

**VIRTUAL FORMAT**

**Virtual Posters:** all posters will be uploaded before the meeting and include an **optional** pre-recorded\* 3-minute video

* \*all **IJPP Jane E. Buikstra Early Career Award** poster entries will be presented LIVE in a dedicated session
* For poster dimensions and additional information see document Poster Specifications on the PPA website

**Virtual Podium:** sessions will include pre-recorded or LIVE video presentations (12-minute presentation + 3 minutes for questions).

* All presenters will have a short **practice session** arranged with our meeting platform hosts well before their scheduled presentations.
* \*all podium entries for the **IJPP Jane E. Buikstra Early Career Award** will be presented LIVE in a dedicated session

**IN-PERSON FORMAT**

* all sessions will be live presentations (12-minute presentation + 3 minutes for questions).
* There will be the possibility to present your printed poster in-person during the coffee breaks.However, the official poster presentation will take place in the meeting room during the regular session with a 3-minutes presentation allowing the virtual audience to particpiate. All posters will **be uploaded** before the meeting.

Following a hybrid meeting format allows us to make the presentations available for participants of the meeting only for a certain time period. **If you agree / do not agree** that your presentation is recorded and made available after the meeting please indicate this on the abstract submission form.

**2022 ABSTRACT and SUBMISSION CHECKLIST**

1. Registration will open after the review of abstracts. The first author has to register to secure a place in the program.
2. Times New Roman, 11-point font, single-spaced, English
3. Word document (NOT a PDF)
4. Indicate whether you will give a podium or poster presentation, or if you wish to present in either format.
5. **Very important:** Indicate whether you will plan to be present in Reno or if you will contribute virtually.
6. Indicate whether the presentation is part of one of the symposia.
7. An individual may be first author on ONE abstract only.
8. Authors’ names: Include first name and capitalized last name of all authors, e.g., Donald ORTNER
9. Include each author’s PRIMARY institutional affiliation. Do NOT GIVE city, state or country, or additional affiliations
10. Bold entire title
11. Capitalize the first word of title, any proper names in title and the first word after a colon
12. Abstract text: 250 words in abstract body (does not include title, authors’ names, affiliations or funding)
13. No tables, figures or references
14. You may include a funding statement of institutional names only. Limit: 30 words
15. The UPLOADED ABSTRACT FILE NAME:
    * + 1st author last name, poster or podium, student or regular, **in-person or virtual**
      + e.g.: Malinowski podium student virtual, or: Boas poster regular in-person
16. Send your **word doc** file to: [**ppa.vicepres@gmail.com**](mailto:ppa.vicepres@gmail.com)
17. You will receive an email confirming receipt of your submission within a couple of days (this is not an automated system)
18. **Notification of Abstract Acceptance/Rejection:** The abstract decision for submissions will be emailed to the first author by the end of December, 2022

See abstract submission form on the following page.

**ABSTRACT SUBMISSION**

First author name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

First author email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Time zone of presenting author (if virtual): \_\_\_\_\_\_\_\_

**Please, indicate with ‘X’:**

This abstract is part of a symposium session: yes no

Preferred format: virtual \_\_\_\_\_\_ in-person \_ both possible

This abstract is submitted as a: poster \_ podium \_\_\_\_\_\_\_ no preference

I will present my printed poster additionally to the virtual poster presentation: yes\_\_\_ no

I agree that my presentation is recorded and made available to meeting delegates only after the meeting:

yes no

I will abide by the Code of Conduct of the PPA in attending the meeting and regarding the content of my abstract:

yes no

My abstract has not been published elsewhere: yes no

I assure that all work has been undertaken considering the appropriate health and safety guidelines of the country I am working in: yes no

I will be willing to chair a session: yes no

**AWARD CATEGORY: PLEASE INDICATE YOUR OPTION WITH AN ‘X’ (choose 1):**

|  |  |  |
| --- | --- | --- |
| **The abstract is submitted for:** | **Criteria** | **X** |
| Cockburn Student Award | The first author must be a student, must be a member in good standing of the Paleopathology Association, must register for the Annual Meeting (including payment) when the registration portal is open, and follow all rules and criteria posted at <https://paleopathology-association.wildapricot.org/page-18175> |  |
| IJPP Early Career Award | The first author must have received their PhD by the time of the meeting but no earlier than **2015**, must be a member in good standing of the Paleopathology Association, must register for the Annual Meeting (including payment) when the registration portal is open and follow all rules and criteria posted at <https://paleopathology-association.wildapricot.org/page-18178>  **All presentations (podium and poster) must be LIVE presentations** |  |
| Regular submission | Submit an abstract without entering for either award competition and register for the Annual Meeting (including payment) when the registration portal is open. |  |

**ABSTRACT FORMAT (please follow the example below):**

**Title of paper or poster**

First name author 1 LAST NAME AUTHOR 1 (primary affiliation), First name author 2 LAST NAME AUTHOR 2 (primary affiliation), First name author 3 LAST NAME AUTHOR 3 (primary affiliation), ...

**Text**

The body of the abstract has **a limit of 250 words** and must include the **aims and objectives** of the research, **material and methods**, brief **results** and **discussion**. It is, however, understood that some presentations will be more theoretically driven and will not have this typical structure. **DO NOT INCLUDE** references, figures or tables.

**EXAMPLE: Please follow the abstract style:**

**Reconstructing the genomes of the red complex of pathogens from ancient dental calculus samples from the North American Wichita (500-700 BP)**

Tanvi HONAP1, Cara MONROE1 Paul SANDBERG2, Rita AUSTIN1, Marc LEVINE2, Cecil LEWIS1

1 Anthropology, University of Oklahoma, 2 Sam Noble Oklahoma Museum of Natural History

The red complex comprises the bacterial species *Tannerella forsythia*, *Treponema denticola*, and *Porphyromonas gingivalis*, and is considered indicative of periodontal disease. However, recent research shows that these species are abundant in mature oral biofilms, and their presence in modern as well as historic and archaeological contexts is not necessarily indicative of disease state. Genomic studies of the red complex show that *T. forsythia* and *T. denticola* have low intraspecies genetic diversity and relatively stable genomes, whereas *P. gingivalis* has undergone major genome rearrangements. Surprisingly, little is known about their evolutionary histories, such as where these species originated, how these genomes have evolved over time, and whether there is evidence of biogeographic structuring. This study aimed to reconstruct the genomes of red complex bacteria from ancient dental calculus samples. Here, in partnership with The Wichita and Affiliated Tribes from Oklahoma, we present the results of screening dental calculus samples from ten Wichita ancestors (500-700 YBP) using shotgun sequencing. All ten samples yielded bacterial taxonomic profiles consistent with those expected for dental calculus. Using a reference-based mapping approach, we reconstructed partial genomes of *T. forsythia* from three samples, with approximately 60% of the genome recovered at 4- to 8- fold coverage. We also reconstructed a *T. denticola* genome from one these samples (approximately 83% of the genome at 4-fold mean coverage). All genomes showed DNA damage profiles consistent with ancient DNA. Phylogenetic analyses using these data will help us understand the evolutionary relationships between the ancient and modern red complex strains.

**ENTER YOUR FULL ABSTRACT HERE (title, author/affiliations, abstract text):**