



New Archaeological Insights from Ancient DNA

A Zoom Presentation by Archaeologist/Geneticist Jakob W. Sedig, PhD

Ancient DNA (aDNA) data generated by the Proyecto de Investigación de Poblaciones Antiguas en el Norte y Occidente de México (PIPANOM) are providing new insight on the people who lived in central, western, and northern Mexico hundreds and thousands of years ago. Data from over 300 individuals spread across Mexico, including from sites such as Tzintzuntzan, Cueva de los Muertos Chicos, and Paquimé, have shed light onto long-standing questions about migration and interaction of different archaeological cultures in key eras of Mexico's past.



A small portion of Paquimé



A small portion of Tzintzuntzan



(Ancient populations investigation project in the north and west of Mexico)

In this presentation, archaeologist/geneticist Dr. Jakob Sedig will discuss how the PIPANOM dataset has revealed previously unknown information about the individuals who lived at these sites, and how combining the PIPANOM dataset with previously published aDNA data from across the Americas allows researchers to understand better the movement and interaction of different groups across cultural boundaries. He also will review how PIPANOM has brought together archaeologists, geneticists, researchers, analysts, and students from different backgrounds and countries.

More on next page.

Thursday October 17, 2024

7 pm ARIZONA/Mountain Standard Time*

* Same as Pacific Daylight Time

To register for the Zoom program go to

https://us06web.zoom.us/webinar/register/WN_C3NGISHpTHu6toJcKuVf4w.

For more information contact Old Pueblo at info@oldpueblo.org or 520-798-1201.

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This month's Third Thursday presenter is archaeologist/geneticist Jakob W. Sedig, PhD.

Jakob Sedig is currently a Senior Archaeologist with Chronicle Heritage. After completing his doctorate at the University of Colorado focusing on the Mimbres Transitional phase (900-1000 CE), he was awarded a Postdoctoral Research position at the Reich Ancient DNA Laboratory, Harvard University.

During his time in the Reich Lab, Jakob has worked to more fully integrate ancient DNA with archaeological studies. This involved using ancient DNA data to examine long-standing archaeological questions and to explore novel applications, including how aDNA may help refine radiocarbon dating. Jakob's work has also focused on the ethical issues of paleogenomic research, particularly those involving sampling methods and engagement with Indigenous communities.

Jakob currently lives in Cambridge, MA, but works "remotely" in Chronicle Heritage's Phoenix, Albuquerque, and Ignacio offices. He enjoys playing with his daughter, singing karaoke, and taking his cat for walks in his free time.



For more information contact
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Photos courtesy of Dr. Sedig