CESM Paleoclimate Working Group

Paleoclimate Advances Webinar Series (PAWS)

Inaugural Webinar

2:00–3:05 pm (MST), Thursday, February 24th

Sign-up for Zoom link: https://groups.google.com/a/ucar.edu/g/paws

Jessica Tierney
University of Arizona

Earth's climate evolution since the last Ice Age

Bio: Dr. Jessica Tierney is an Associate Professor at the University of Arizona. She studies past climate change to learn about how the Earth system works and what's in store for the future. Her research group focuses on studying past climates over a variety of timescales, using organic geochemical techniques and statistical climate reconstruction. She is a Packard Foundation Fellow, an American Geophysical Union Fellow, and a lead author on the Intergovernmental Panel on Climate Change (IPCC) Sixth Assessment report.

Emily Judd
Smithsonian

Reconstructing global mean surface temperature across the Phanerozoic Eon: Challenges & innovative approaches

Bio: Emily Judd is a postdoctoral fellow at the Smithsonian National Museum of Natural History. She is particularly interested in first-order paleoclimate questions and exploring how and exploring how paleoclimate scientists can maximize the utility of inherently imperfect proxy records. Her research utilizes both computational and laboratory techniques to address a broad range of topics, from experimentally determining the effects of diagenetic heat on the fidelity of seasonally resolved geochemical data from bivalves to using modern sea surface temperatures to demonstrate how dynamical processes might bias interpretations of paleoclimate data.

Steering committee:
Tripti Bhattacharya, Syracuse U
Bronwen Konecky, Washington U
Clay Tabor, U. of Connecticut
Ran Feng, U of Connecticut
Chijun Sun, NCAR
Jiang Zhu, NCAR