

Cutting Edge Seminar

Wednesday March 20, 2024, 12PM

The Forked Tongue of Indigenous Genomics: Coloniality, Race and Inequity in Health

CON 416 or by Zoom, link available by request



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Krystal Tsosie is an Assistant Professor in the School of Life Sciences at Arizona State University. She is also now Associate Director of the Biodiversity Knowledge Integration Center at ASU. She also co-founded the Native BioData Consortium, the first Indigenous-led biological and data repository operating within the jurisdictional bounds of a US Tribal Nation. Her genomics research interests are specific to Indigenous communities and people in health, biomedicine, conservation biology, and paleogenomics. She is also an expert in bioethics, data policy and governance, and developing digital data tools rooted in machine learning approaches to advance the sharing and informed consent of genomic data. Her research and Indigenous community advocacy are challenging ethical norms of research and policy across scientific disciplines. Her work is internationally covered in the media, and she is on ethical advisory boards for many national and international government and science policy organizations, including work with the National Academies of Sciences, Engineering, and Medicine, the World Health Organization, the National Institutes of Health, and others. She is a National Academies Kavli Fellow and an ENRICH Global Scholar for Indigenous data technologies. She is most recently elected onto the Board of Directors for the American Society of Human Genetics.