UNIVERSITY OF ALBERTA

Department of Computing Science
Equity, Diversity, and Inclusion

EDI SPEAKER SERIES

Considering Equity, Diversity, and Inclusion in Cultivating data Literacy

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Abstract: This talk will explore how equity, diversity, and inclusion (EDI) factor into the cultivation of archaeological data literacy. In general, data literacy is important for everyone. This is because data increasingly permeates people's lives. However, there is a significant literacy gap between people who create and process data and those who can be impacted by the outcomes of these data. To address these gaps, this talk will define data literacy, explore how a new program of the Alexandria Archive Institute (AAI) is developing resources to increase and evaluate the state of archaeological data literacy, address how EDI factors into our decision making, and explore how the program benefits from and can aid EDI initiatives in unique ways. Through our data driven narratives, called "data stories," the AAI's Data Literacy Program aims to integrate EDI into our data literacy initiative. We hope to do this by creating stories that introduce data skills to multiple kinds of learners and teaching resources that fill gaps in data literacy skills resulting from inequities in pre-collegiate education.

Bio: Paulina is a Filipine-Polish-Canadian-American settler in North America, an anthropology graduate student at the University of New Mexico, and the Postdoctoral Researcher in Data Visualization and Reproducibility at the Alexandria Archive Institute. Paulina's dissertation examines the built environment of children's institutions in the United States between 1865 and 1935. Extending her interest in studying archaeologies of education and teaching, as a postdoctoral researcher Paulina alongside her colleague. L. Meghan Dennis, are developing a series of data stories to assess and cultivate data literacy in archaeology. Additionally, Paulina enjoys exploring the intersections between popular culture and archaeology looking at how the public understands, learns from, and utilizes archaeological knowledge in fictional works.

February 16, 2022 @ 1:00pm
On Zoom

Visit cs.ualberta.ca/edi for event & link