

Geraldine Cochran – Colloquium Seminar – October 5, 2023  
The Ohio State University

**Presentation Title:** Using Community Cultural Wealth to Understand the Experiences of Physics Bridge Students

**Abstract:** Bridge programs are designed to address the inequities in physics graduate education made evident by the underrepresentation of students from minoritized ethnic/racial groups in physics graduate programs. Our qualitative research study examines the experiences of graduate students in physics departments with bridge programs using a framework of Community Cultural Wealth (CCW). The CCW framework highlights the valuable resources - cultural capital and wealth - that students from minoritized ethnic/racial groups utilize. The participants interviewed self-identified as Black, African American, Hispanic, Latino, Chicano, and Xicano Rican. The participants interviewed self-identified in terms of sex/gender as female, male, man, and non binary. Participants participated in bridge programs across 4 different institutions. In this presentation, I will share the preliminary results of this study.

**Speaker Bio:** Dr. Geraldine L. Cochran is an Associate Professor in the Department of Physics at The Ohio State University and the Director of the Physics Equity and Access Research Lab (PEARL) at OSU.

