College of Science

Bioinformatics

The University of Texas at El Paso

The Pacific Northwest National Laboratory and its NIH Programs

Joshua N. Adkins Ph.D.
Laboratory Fellow and HHS Sector Manager

Biological sciences as a bridge to broad applications

Christopher S. Oehmen Ph.D.
Group Leader, Computational Biology, Biological Sciences Division

Novel ubiquitination pathways in host-pathogen interactions

Ernesto Nakayasu Ph.D.
Senior Research Scientist, Integrative Omics Group

Pacific Northwest National Laboratory (PNNL), a leading multidisciplinary research institution, engages in collaborative research efforts with funding from many sources including the National Institutes of Health (NIH), particularly in the realm of biological sciences. PNNL researchers will discuss the aspects of their biological research efforts. These research endeavors serve as a catalyst for innovative research, enabling biological sciences to transcend traditional boundaries and find applications in diverse fields. An example of biological sciences research at PNNL includes explorations of novel ubiquitination pathways that are involved in host-pathogen interactions, shedding light on the intricate mechanisms by which pathogens exploit host cells and evade immune responses. This research demonstrates how research at PNNL not only contributes to our fundamental understanding of molecular processes but also holds broader promises for advancements in drug development, vaccine design, and broader health-related applications.

Bell Hall 143

Friday, October 27, 2023, 10:00 AM

(Also available remotely: https://utep-edu.zoom.us/j/84398694840)