



“Cyberinfrastructure and AI for Science and Society”

Speakers:

Alyson Brooks and Shantenu Jha



Abstract: As New Jersey’s premier public university, Rutgers New Brunswick (RU-NB) has an obligation to deliver field-defining research for the benefit of New Jersey and beyond. RU-NB cannot maintain, let alone advance, this position without a serious commitment to artificial intelligence (AI) and cyberinfrastructure (CI). Advances in these areas are significant for all branches of research, scholarship, and creative activity. To achieve these goals, we have created Cyberinfrastructure and AI for Science and Society (CASS), a New Brunswick campus-wide initiative in response to the Chancellor’s Challenge for interdisciplinary collaboration for the common good. In this seminar, we will discuss how advanced CI and AI are making foundational changes and advances in the scientific discovery process. Specifically, we will illustrate how AI is increasingly integrated into scientific discovery to augment and accelerate research and gain insights that might not have been possible using traditional scientific methods alone. We then outline how CASS will catalyze creative achievements in research and education.

Date: Wednesday, November 29, 2023

Time: 12:00 noon

Location: 701 CoRE Building (Busch Campus)