Cyberinfrastructure and AI for Science and Society (CASS)

A Chancellor led initiative in response to RU-NB AMP

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- One of four projects selected in the Chancellor's Challenge Spring 2023 call
  - Involves ~20 faculty members, from a dozen departments across five schools
  - Combination of producers and consumers of AI/CI methods and technology

- Started July 01, 2023 for an initial period of 12 months
  - Initial charge:

  (1) Catalyze digitally enabled, data-driven discovery within and across domains. Bring faculty, staff, and students together to address grand scientific and societal challenges related to AI, DS, and CI.

  (2) Organize the activities (seminars, seed projects, boot camps, incubation workshops, students support) recommended by the Provost's Strategic TaskForce (PST) to be housed in a future RU-NB collaboratory, i.e., RAD. which will serve as a crucial campus.

- Transition phase: CASS research staff member is engaging with and supporting faculty to specifically advance the uptake of AI and increase the sophistication of the advanced computing tools and techniques in scientific exploration and discovery.

CASS Faculty Members

Alyson Brooks Co-Leader

Shantenu Jha Co-Leader

Ioannis P. Androulakis

Enrique Curchitser

Meenakshi Dutt

Kiran Garimella

Lauren M. E. Goodlad

Robert Kopp

Alexandre V. Morozov

Katherine Ognyanova

Ryan B. Sills

Jaideep Vaidya

Lu Wang

Zhao Zhang

Matthew Buckley
Thomas Davidson

Nicole Fahrenfeld
Woojin Jung
Sagar Khare

Benjamin Lintner
Lujendra Ojha
Asa Rennermalm

David Shih
Darrin York