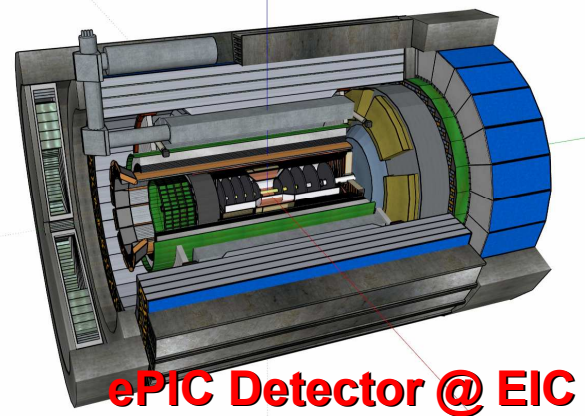


SoLID @ Jefferson Lab

Fundamental Questions Addressed: Subatomic physics is a major research direction at the University of Regina. Our work at Jefferson Lab addresses questions such as the structure of light mesons and the existence of exotic hadrons. In addition to data analysis and simulations for Halls C and D, we are constructing the Solenoidal Large Intensity Detector (SoLID) Heavy Gas Cherenkov and the ePIC Barrel Imaging Calorimeter.

Electron-Ion Collider (EIC): a major new collider facility to be built in New York state, with the first collisions anticipated in 2032. Polarized electrons will collide with polarized protons, polarized light ions and heavy nuclei at luminosities far beyond what is currently available. As a grad student involved in the early stages of this project, you will be well positioned to impact the design of this world class facility and to continue in key roles of its operation after the completion of your degree.



ePIC Detector @ EIC

Graduate Research: Students will gain skills in many aspects of subatomic physics, including the acquisition of experimental data, analysis of large data sets, simulations, detector construction and characterization. Our research environment is highly collaborative, with opportunities to work with researchers at other universities and research facilities in Canada and abroad. Accepted students are the beneficiaries of a broad-based education and training in international research, including teamwork, critical thinking, leadership skills and outreach activities. Funding will be offered to all successful applicants.



University
of Regina

Please send:

- Academic transcripts
- CV including research experience & career goals
- Names of 3 references

To: Prof. Garth Huber

• huberg@uregina.ca

Further information at:

- www.uregina.ca/graduate-studies-research/future-students/index.html
- lichen.phys.uregina.ca