



# underGraduate Research Educational Academic Traineeships in Nuclear Science (GREAT-NS) @ Berkeley Lab

## California Bridge to the Electron- Ion Collider

**NSD Staff Meeting**  
October 19, 2021

Presenters: Heather Crawford, Ernst Sichtermann



GREAT-NS @ Berkeley Lab is a paid undergraduate traineeship program for students interested in STEM with a focus on:

- Hands-on research in nuclear science
- Mentoring from lab scientists
- Educational and Networking Opportunities:
  - Lectures in nuclear science
  - Workshops on careers in nuclear science, applying to grad schools and more
  - Attend a professional conference
  - Learning modern-day programming languages
  - Homework assistance
  - Tours of lab facilities: 88-Inch Cyclotron, Advanced Light Source (ALS), Berkeley Lab Laser Accelerator (BELLA), National Ignition Facility (NIF) and more





## NSD-Led:

- Jackie Gates
- Bethany Goldblum
- Lee Bernstein
- Alan Poon
- Rebecca Abergel
- Jenn Pore
- Heather Crawford
- Colette Flood (WD&E)

and co-PIs from SJSU, UC-Merced and UC-Riverside

- Program will fund 10-ish students per year, for up to two years
- We are looking for help! Anyone in the division who is interested in working with us, get in touch!!





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More information at [great-  
ns.lbl.gov](https://great-ns.lbl.gov)

or contact us at [great-ns@lbl.gov](mailto:great-ns@lbl.gov)





# California Bridge to the Electron-Ion Collider

- Complementary initiative, funded separately under the same FOA,
- Partnership of:
  - UC Riverside (lead institute),
  - UCLA,
  - Cal-Poly Pomona,
  - LBNL (contact: Ernst S.),
  - LLNL
- Well integrated with the existing Cal-Bridge program.
- Will offer 4 students from underrepresented groups 10-15 hour / week paid EIC-related research experience for (up to) two years,
- UCLA or UC Riverside during the academic year,
- LBNL or LLNL during Summer,
- Experiment or theory.





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# California Bridge to the Electron-Ion Collider:

Building a Diverse Workforce for Nuclear Physics Research at the EIC

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<https://cb-eic.physics.ucla.edu/>



# Thank you

If you have any comments, questions, or other IDEA feedback, please contact us:

[NSD-IDEA-Council@lbl.gov](mailto:NSD-IDEA-Council@lbl.gov)