

Graduate Instrumentation Research Award (GIRA)

2019 - 2020 Committee

Jonathan Asaadi (Chair) (UT Arlington)

Carl Haber (LBL)

David Moore (Yale)

Bjoern Penning (Brandeis/Michigan)

Jen Raaf (FNAL)

Graduate Instrumentation Research Award

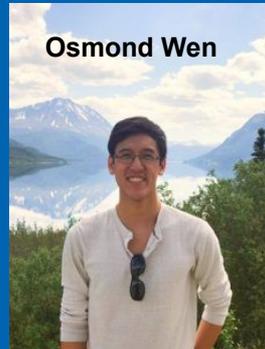
- The GIRA program aims to encourage and facilitate greater involvement of physics graduate students in significant instrumentation development, to boost recognition of instrumentation work as a vital part of PhD training, to foster the growth of future HEP instrumentation experts in the US, and to strengthen university-lab ties on instrumentation development.
- The award will provide a stipend of \$36,000 per year. The award is renewable for a maximum of 3 consecutive years total. The addition of a tuition supplement will be determined by OHEP on a case-by-case basis, with a cap of \$50,000 on the total including a stipend.
 - **New for 2020 - 2021: Up to two proposals may be funded.**
- **Note: 2020 - 2021 Deadline has been extended through April 12th 2021**
 - Details to apply can be found at <https://detectors.fnal.gov/gira/>

Graduate Instrumentation Research Award

- GIRA award plays an instrumental (pardon the pun) role in elevating the importance of detector R&D as a key component of a PhD and to help train the next generation of world class instrumentation experts
 - On behalf of the entire CPAD community, we would like to thank the DOE, and in particular Helmut, for the continued support and growth of this program!
- The 2019-2020 interaction saw a number of excellent proposals
 - We thank everyone who submitted their proposals
 - Three proposals were very clearly at the top
- **Ako Jamil (Yale University) for “Development of a Low Radioactive Large Area SiPM Array for Ton-scale $0\nu\beta\beta$ ”**
- **Osmond Wen (Caltech) for “Fabrication, development, and deployment of phonon-mediated low-mass dark matter detectors using superconducting kinetic inductance sensors”**
- **Matthew Bressler (Drexel University) for “Construction and Commissioning of a 10 kg Scintillating Argon Bubble Chamber for GeV Dark Matter and Reactor CEvNS”**



Ako Jamil



Osmond Wen



Matthew Bressler

GIRA 2020 - 2021

Current Committee

Julietta Gruszko, Daniel Bowring, Bjoern Penning (Chair),
Elisabetta Pianori, Andrea Pocar

If you have questions about applying or need help finding lab resources please feel free to reach out to the committee (gira@fnal.gov), the current chair (penningb@umich.edu) or myself (jonathan.asaadi@uta.edu) and we will help!

Information can be found at <https://detectors.fnal.gov/gira/>

PLEASE CONSIDER APPLYING