

Cooperative Institute for
Great Lakes Research

CIGLR

Great Lakes Science for Society



2020 Partner Programs

Full announcements at ciglr.seas.umich.edu

FELLOWSHIP OPPORTUNITIES

Deadline: November 29, 2019

Postdoctoral Fellowships

- **Description:** Three (3) one-year postdoctoral fellowships (\$70,000 ea.) are available. Two fellowships will be awarded for projects that directly address one of CIGLR's 4 research themes. A third fellowship will support a postdoc who will be co-mentored by Dr. Brent Lofgren at NOAA GLERL to improve Great Lakes water budget estimates and water level simulations in light of future climate scenarios. Postdocs must be co-advised by a CIGLR Consortium Partner and a NOAA GLERL or CIGLR Research Scientist. Priority will be given to proposals that provide matching funds, and which foster interaction with CIGLR's Private Sector Partners who help translate research into action and application.
- **Eligibility:** Any mentor or postdoc at a CIGLR Consortium Partner institution or organization.

Graduate Research Fellowships

- **Description:** Four (4) graduate fellowships (\$25,000 ea.) are available. Two fellowships will be awarded for projects that directly address one of CIGLR's 4 research themes. A third fellowship will support a student who will be co-mentored by Dr. Philip Chu at NOAA GLERL on a project applying remote sensing datasets or real-time instrument observations to improve physical and ecological model development and predictions. A fourth fellowship will support a student who will be co-mentored by Deborah H. Lee, Director at NOAA GLERL on a project involving machine learning and artificial intelligence as applied to making regulation decisions for the Lake Ontario-St. Lawrence River system water levels and outflows. Students must be co-advised by a CIGLR University Partner faculty member and a NOAA GLERL or CIGLR Research Scientist. Priority will be given to proposals that foster interaction with CIGLR's Private Sector Partners who help translate research into action and application.
- **Eligibility:** Any faculty member or graduate student at a CIGLR University Partner institution.

Summer Fellowships

- **Description:** Eight (8) summer internships are available to provide research opportunities for upper level undergraduate or graduate students to work with Research Scientists at NOAA GLERL, CIGLR, or CIGLR partner institutions. CIGLR administers the fellowship program on behalf of NOAA GLERL - no direct funding is available. However, proposals are accepted for fellowship projects that involve co-advising by partner principal investigators and NOAA GLERL or CIGLR scientists. Fellowship projects must be related to NOAA's mission in the Great Lakes.
- **Eligibility:** Any principal investigator at a CIGLR University Partner institution or a Private Sector Partner may submit a proposal.

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SUMMITTS & WORKING GROUPS (SWGs)

Deadline: November 29, 2019

- **Description:** Funding is available to support summits or working groups (up to \$20,000). Summits are 2-3 day meetings of 20-30 experts from academia, NGOs, government agencies, and businesses that summarize the state of knowledge and recommend future research priorities on problems in the Great Lakes that span decadal time-scales. Working groups convene smaller groups (8-12) for up to one week to make detailed progress on more narrow Great Lakes issues with solutions on time scales of months to years.
- **Eligibility:** Any principal investigator at a CIGLR University Partner institution or Private Sector Partner may submit a proposal. SWGs must include one or more NOAA GLERL representatives on the steering committee; SWGs led by Private Sector Partners must also include a University Partner PI on the steering committee.

ECO PROGRAM SUPPORT

No deadline

- **Description:** ECO Program awards (\$2,000) are available to support undergraduates, graduate students, or comparable research assistants who incorporate a political engagement, communications, or outreach component into their work. The ECO Program component must highlight the contributions of NOAA, CIGLR, and CIGLR's Regional Consortium Partner institutions to research and management of the Great Lakes. Examples include, but are not limited to, Congressional visits, op-ed articles, K-12 education activities, community outreach events, public education talks, establishment of social media sites or feeds, factsheets, newsletters, or magazines.
- **Eligibility:** Any principal investigator or student at a CIGLR University Partner institution may submit a proposal. Private Sector Partners working with students from a University Partner institution may also request ECO Program funds.
- **Deadline:** ECO Program funds can be requested at any time. There is no deadline.

RAPID FUNDS

No deadline

- **Description:** Rapid fund grants (less than \$10,000) are available to form an initial response to an emergency or time-sensitive need in the Great Lakes (e.g., Flint water crisis, Toledo water crisis, oil or chemical spills, etc.). Decisions on rapid fund proposals can be made internally in 2 days, with awards providing the seed funding researchers need to be the 'first-responders' even as they solicit more substantial funds from an appropriate agency or organization.
- **Eligibility:** Any principal investigator and/or student at a CIGLR University Partner institution or Private Sector Partner may request rapid funds
- **Deadline:** Rapid funds can be requested at any time. There is no deadline.