



## CIGLR Postdoctoral Fellowships 2018 Request for Proposals

**Description.** The Cooperative Institute for Great Lakes Research (CIGLR) is soliciting proposals from Regional Consortium University Partners for two (2) **CIGLR Postdoctoral Fellowships** sponsored by the University of Michigan. The goals of the Postdoctoral Fellowship Program are to 1) expand research training opportunities for postdoctoral scientists working in the area of freshwater sustainability, and 2) enhance collaborations between CIGLR's University Partners and PIs at NOAA GLERL in ways that complement NOAA's mission to improve research effectiveness and impact in the Great Lakes. We also seek to use these fellowships to increase diversity in STEM disciplines (science, technology, engineering and math), and thus, strongly encourage proposals that support students from groups which have been traditionally underrepresented in government and academic workforces.

**Funding.** A total of \$70,000 is available for each 12-month Postdoctoral Fellowship. Priority will be given to proposals that provide matching funds, and to projects that foster interaction with CIGLR's Private Sector Partners, collaborating NOAA programs, or Supporting Initiatives. See [cigl.seas.umich.edu/about/cigl-organization/](http://cigl.seas.umich.edu/about/cigl-organization/) for more information.

**Eligibility.** Postdoctoral Fellowships may be used to support any postdoctoral scholar working with a tenure-track faculty member from a CIGLR University Partner institution. Proposals may be submitted by either the postdoctoral scholar or faculty member.

**Requirements.** Proposals should demonstrate direct involvement with both a university lead mentor and a NOAA Great Lakes Environmental Research Laboratory (GLERL) or CIGLR co-mentor.

Proposals should address at least one of CIGLR's research themes. Please visit the CIGLR website for research theme descriptions ([cigl.seas.umich.edu/research-themes/](http://cigl.seas.umich.edu/research-themes/)):

- Theme I: Observing Systems & Advanced Technology
- Theme II: Invasive Species & Food Web Ecology
- Theme III: Hydrometeorological & Ecosystem Forecasting
- Theme IV: Protection & Restoration of Resources

Fellowship recipients are required to attend CIGLR's Annual Partner Meeting (September) to give a poster on their work, and to submit a final report to CIGLR at completion of the fellowship.

**Application Process.** Proposals should contain the sections described below:

1. Cover sheet (1 page, template attached)
2. Main body (4 pages max)
  - a. **Introduction:** Provide background information on the research topic, ending with the research question(s) to be addressed.
  - b. **Hypothesis(es):** State testable hypotheses and the corresponding predictions for those hypothesis. Explain the corresponding rationale for the hypotheses and predictions. Proposals lacking testable hypotheses and clear predictions will not be funded.
  - c. **Methods:** Describe the study approach(es) and general methodologies to be used in sufficient

- detail that they can be evaluated by a general expert.
- d. **Significance:** The main body of the proposal should end with a section describing the anticipated results, their relevance to CIGLR's research themes, and their importance to society.
3. Postdoctoral mentoring plan (1 page)
    - a. **Co-mentoring plan:** Identify the university lead mentor and a NOAA-GLERL or CIGLR co-mentor. Describe plans to ensure active collaboration between the fellow, faculty mentor, and the GLERL or CIGLR co-mentor. Applicants are encouraged to contact potential GLERL or CIGLR co-mentors to discuss proposed research before applying. For assistance identifying an appropriate CIGLR or GLERL co-mentor, please send a brief description of your research topic to Mary Ogdahl, CIGLR Program Manager ([ogdahlm@umich.edu](mailto:ogdahlm@umich.edu)).
    - b. **Postdoctoral training:** Describe plans to provide the postdoc with professional training that includes career counseling, experience writing proposals, mentoring on publications and presentations, experience in reviewing papers and proposals, development of teaching and mentoring skills, and experience in broader impacts like public outreach and communication.
  4. Budget (1 page)

Submissions should provide a budget and corresponding budget justification. The budget should total \$70,000 for 12 months, which represents an estimated salary of \$48,000 per year, 25% fringe benefits, and a 10% indirect cost rate. Any deviation from these numbers should be explained. Universities must abide by their MOUs with CIGLR that agree to a reduced IDC of 10% to take advantage of these fellowships. Any matching funds should also be highlighted in the budget and justification.

**Review process.** Proposals will be reviewed and ranked by members of the CIGLR Council of Fellows (not collaborating on submitted proposals) for final award selection. Proposals will be judged on: 1) the quality of the science, 2) potential for the research to make a societal impact, 3) consistency with CIGLR and NOAA GLERL's research mission and themes, 4) potential to foster interaction between NOAA GLERL and CIGLR's Private Sector Partners, collaborating NOAA programs, or Supporting Initiatives. Preference will be given to proposals that provide matching funds.

**Proposals should be submitted as a single Adobe pdf file by 5 pm ET on December 1, 2017. Please send your proposals and inquiries to Mary Ogdahl ([ogdahlm@umich.edu](mailto:ogdahlm@umich.edu)), CIGLR Program Manager.**

CIGLR will announce the final decision by January 31, 2018. Funding for the fellowships will be sub-awarded by the University of Michigan to the host university of the selected faculty member.

## 2018 CIGLR Postdoctoral Fellowship Proposal

**University Lead Mentor:**

**Affiliation:**

**Email:**

**NOAA-GLERL or CIGLR Co-Mentor:**

**Postdoc Name:**

**Affiliation:**

**Email:**

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### Optional Biographic Information

**Postdoc gender:**

Female

Male

Transgender or Transitioning

If none of these offers a satisfactory option, please enter you preferred description here:

Prefer not to answer

**Postdoc Race/Ethnicity (select the one that best applies):**

American Indian or Alaska Native

Arab or Middle Eastern

Asian

Black or African American (Not Hispanic)

Hispanic or Latino/a

Native Hawaiian or Other Pacific Islander

White or Caucasian (Not Hispanic)

Biracial (Please Specify Below)

Multiracial (Please Specify Below)

Other. If you do not see your race/ethnicity on the list, or you would like to be more specific, please enter your preferred racial/ethnic description here:

Prefer not to answer

**I. INTRODUCTION**

**II. HYPOTHESES**

**III. METHODS**

**IV. SIGNIFICANCE**

**V. CO-MENTORING PLAN**

**VI. BUDGET (\$70,000) with JUSTIFICATION**