Call for Proposals
Sea Lamprey Research Program

The Great Lakes Fishery Commission is now soliciting pre-proposals and pilot project proposals for the 2022 funding cycle.

Deadline: FRIDAY, JANUARY 15, 2021 11:59 PM EST

- Funding schedule: http://www.glfc.org/for-researchers.php. New projects may not begin before January 1, 2022.
- Individual awards are typically between $35,000 and $100,000 per year.

Submission

- Pre-proposal submission: http://www.glfc.org/proposal/login.php.
- Pre-proposal template: http://www.glfc.org/pubs/pdfs/research/PreproposalFormat.doc.
- Pilot proposal template: http://www.glfc.org/pubs/pdfs/research/PilotProposalformat.doc

Evaluation

- Proposals are evaluated for relevance and scientific merit and against information needs identified by the Research Themes under which they are submitted. Additional information and theme papers can be found here:

Barriers and Trapping	Chemosensory Communication Systems
Lampricides	Genetic Control *NEW THEME!*
Assessment	

- Proposals that do not directly fit into a theme can be submitted under Non-theme Research.
- Proposals are encouraged to be cross-cutting and address multiple themes or integrate multiple disciplines. See the theme conceptual diagram for examples of how themes may intersect. **Researchers can use new research synthesis papers to help identify innovative research topics.**
- Investigators are encouraged to use the **Sea Lamprey Control Board research priorities** to develop research ideas. The research priorities addressed by a proposal are considered during proposal evaluations.

Announcements

- The Sea Lamprey Research Program has developed a new theme to pursue research to support the development and evaluation of genetic technologies that could be used to control invasive sea lamprey in the Laurentian Great Lakes. **Check out the new genetic control theme page for more information and key research needs.**

CALL FOR SPECIAL TOPICS

Monitoring for TFM-resistant sea lamprey larvae

The Commission remains concerned about the potential evolution of TFM resistance and seeks to address research gaps as identified in Dunlop et al. 2018. Proposals to develop screening techniques to detect TFM-resistant sea lamprey larvae are specifically requested.

Sea lamprey life cycle

The Sea Lamprey Control Board and Sea Lamprey Research Program are interested in completing the life cycle of sea lamprey *ex situ* and request proposals to investigating how to rear parts or all of the sea lamprey life cycle. Knowledge gaps include variance in larval growth rate, optimal diet, regulation and timing of metamorphosis, and juvenile feeding behavior.

Great Lakes Acoustic Telemetry Observation System

Additional funds are available for projects using acoustic telemetry. Receiver networks are maintained lakes Huron, Ontario, Michigan, Erie, and Superior, as well as interconnecting waterways, and are available for use by researchers. Receivers may be available for loan and logistical and analytical support is available upon request.

For more information visit: https://glatos.glos.us/

GLATOS
Great Lakes Acoustic Telemetry
Observation System

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    Human Dimensions of Great Lakes Fishery Management
    Re-establishment of Native Deepwater Fishes
    Physical Processes and Fish Recruitment in Large Lakes
    Energy Dynamics of Great Lakes Food Webs
    Council of Lake Committees Research Priorities

- Proposals that do not directly fit into a theme can be submitted under Non-theme Research.
- Proposals are encouraged to be cross-cutting and address multiple themes or integrate multiple disciplines. See the theme conceptual diagram for examples of how themes may intersect.

Announcements

- **NEW FUNDING OPPORTUNITY**: Technical Assistance for Fisheries Research. Visit http://www.glfc.org/for-researchers.php for more information.

CALL FOR SPECIAL TOPICS

Human Dimensions of Great Lakes Fishery Management

The Commission is intent on advancing research in the human dimensions of Great Lakes fishery management. Priority areas of research include: economics, understanding values, and changing demographics.

Coregonine Conservation and Restoration

Additional funds are available for projects focused on conservation and restoration of native coregonines. Projects focused on 1. **lake whitefish** harvest (i.e., levels, policy, and control strategies) as specified in the proceedings from the February 2018 workshop sponsored by the Great Lakes Fishery Trust and the Great Lakes Fishery Commission and 2. new proposals in the physical processes and fish recruitment theme focusing on **lake whitefish** life-history and stock effects per the management option information gaps identified in the workshop proceedings are considered priorities for this funding cycle.

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