

COURSES + CONFERENCES 23

Inspiring new approaches in biomedical training

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ABOUT THE COURSE

The course is for students interested in toxicology and the impacts of chemical contaminants on human health, neurobiology, and regenerative capacity. Students will be provided with support to prepare a poster presentation for the annual Maine Biological and Medical Sciences Symposium in April 2023.

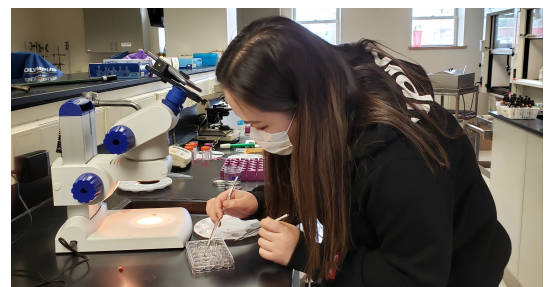
Bridging Disciplines: The Impacts of Environmental Chemicals on Physiology and Health.

March 12-17, 2023

For Maine undergraduates interested in learning about interdisciplinary approaches to biomedical research. Course topics:

- Concepts and current news in environmental toxicology as it relates to regenerative biology.
- Toxicity assays with planaria, fruit flies, and annelid worms.
- Advanced microscopy tools and techniques
- Role of Bioinformatics in understanding genomic level impacts of chemical exposures
- Responsible conduct of research and bioethics
- Research data interpretation and sharing with scientific communities as well as general public.
- Communication concepts and tools to facilitate working across disciplines.
- Problem framing, leadership, decision making, and internal/external communication systems for linking science with societal needs.
- Translating research to clinical practice
- Impacts of scientific research on public policy

For more information and visit and to apply for the course go to: <https://mdibl.org/course/bridging-disciplines-2023/>



For the full listing of all courses and conferences and to register for courses:
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