Bridging Disciplines: The Impacts of Environmental Chemicals on Aging and Physiology

March 15-20, 2020

For undergraduates beyond their second year interested in learning about interdisciplinary approaches to biomedical research.

- Be introduced to concepts and current news to help understand toxicology and aging biology.
- Develop experience through hands-on learning.
- Examine toxicity of arsenic exposure using nematode *C. elegans*.
- Develop toxicological testing methodologies.
- Assess several biomarkers of health-span and lifespan.
- Interpret research data for scientific communities as well as for general public.
- Identify and apply concepts and tools to use when working across disciplines.
- Learn about communicating across disciplines through science communication theory, and apply concepts to an interdisciplinary project in the course.
- Learn about science communication theory, focusing on interdisciplinary collaboration, and apply to an interdisciplinary project in the course.
- Understand the importance of problem framing, leadership, decision making, and internal/external communication systems for linking science with societal needs.

For more information, visit: https://mdibl.org/course/bridging-disciplines-the-impacts-of-environmental-chemicals-on-aging-and-physiology/