Over the last two years, teaching and learning has grappled with the demands of change in response to the SARS-CoV-2 pandemic within a highly politicized landscape for which science is on the defense and misinformation is rampant. Never before have so many questions arisen about the implications for mainstream organismal biology education, and never before has the speed and scale of innovation been put into practice. The "pandemic" symbolizes change, resistance, immunity, adaptation, and opportunity at so many different levels - literally, in our personal lives, in education, and in mass culture. It compels us to consider the workforce needs of the future where pandemics are now ubiquitous among all living organisms: people, plants, and animals.

**Short presentation and hands-on workshop proposals open now through September 9th, 2022!**

[Submit Here!](Submit Here!)

**2022 Thematic Tracks:**

- Adapting to and Teaching Disease Ecology
- Fake News, Real Science, or Somewhere in Between
- Research Innovations and Careers
Short Presentations & Workshop Proposals should:

- Align with the [K12 Next Generation Science Standards](#) and the [Vision and Change for Undergraduate Biology Education](#) with an emphasis on sharing effective approaches to building quantitative reasoning skills
- Identify one or more relevant [Pedagogical Track/s](#)
- Integrate the [Four-Dimensional Ecology Education Framework (4DEE)](#)

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Article pictures

![8th Life Discovery – Doing Science Biology Education Conference](#)