

Seeing Scientifically: Developing Smart Microscope Exhibits That Support Authentic Visitor Observation and Scientific Inquiry of Living Microscopic Organisms | 2005893

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Project Description

Seeing Scientifically's goal is to develop an exhibit platform that can be used to help informal learners bridge the gap between everyday observation and authentic scientific observation.

Key Achievements

- Developed working, AI-enabled prototype to scaffold observation of living specimens
- Installed prototype at all ISE partner sites
- Collected and analyzed think-aloud and naturalistic observation data to characterized observation in ISL settings

Audience & Settings

Audience: general public, ISE professionals

Disciplinary area: life sciences

Learning environment: museums, nature centers, community laboratories, mobile laboratories, science festivals

Access and Inclusion

Seeing Scientifically leverages affordable imaging technology and analysis software, making its platform and its exhibits accessible to smaller informal science education (ISE) venues and their audiences.



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