

HANDS-ON, MINDS-ON INSTRUCTIONAL PRACTICES

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Presentation Title: *Precision Meets Play: Creative Approaches to Teaching Micropipetting*

Micropipettes are foundational tools in life science education and are widely used across biotechnology careers. BioNetwork's STEM Outreach team introduces middle school and high school students to micropipetting through hands-on programs, where student enthusiasm underscores the value of engaging, low-stakes introductory activities that build both technical skills and interest in life science career pathways. In this interactive session, participants will experience an introductory micropipetting activity that incorporates art and creativity from a student perspective. Science educators interested in STEAM activities and industry professionals looking for outreach ideas can benefit from this session.

Presentation Target:

Middle & High School

Presenter(s):

1. Lily Dancy-Jones, Director of Programming, BioNetwork