

## HANDS-ON MINDS-ON INDUSTRIAL PRACTICES

Name of Submitter: Lily Dancy-Jones

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**Presentation Title: Wearable Paper Circuits**

Learn about the science of simple electric circuits and express yourself creatively by designing your own patterned light-up bracelet! We will briefly discuss the cultural and mathematical connections in pattern design before creating custom symmetrical patterns on gridded paper bracelets and building circuits on them to add LED lights to our creations. Digital lesson resources and supply lists will be shared.

**Presentation Target:**

Middle School

**Presenter(s):**

1. Lily Dancy-Jones, Western STEM Outreach Coordinator, BioNetwork