

The **STEM Guides Project**  
engages and connects Maine's  
rural youth and their families with  
STEM learning opportunities in  
their communities.



# Did you know that rural youth make up one quarter of the U.S. population?

**BUT**

- They're only half as likely to participate in STEM programs outside of school as their urban counterparts.

**AND**

- Only about 14% of rural middle and 11% of rural high school students have participated in a single STEM program outside of school in the last six months.



**STEM Guides**  
are local people  
*passionate* about  
science who  
reach out and  
engage young  
people in their  
community.



# The Kids from the Hubs



**Sciencia** –  
Blue Hill Teen Science Café



# The Amazing Foldscope

(World's first origami paper microscope)



Dept. of Bioengineering, Stanford University



# Upcoming Teen Science Café

## The Genetics of Addiction

Using mice and LEGO®  
bricks to explore the  
biology of addiction –  
with the Jackson  
Laboratory in Bar Harbor



# **STEM is the new engine of economic growth in rural areas.**

Young people who study STEM will have their choice of interesting jobs and will have an important impact across the nation.

