**What is the STEM Career Connections project?**

**Our goal for the STEM Career Connections project** is to develop an innovative career readiness model for both in and out of school settings that will profoundly increase the knowledge of, and interest in, STEM (science, technology, engineering, mathematics) and computing careers for middle school youth within Eagle County, Colorado, who are often underrepresented in STEM fields.

To achieve this goal, we have *three integral components* of the project:

- a community partnership working together to support youth engagement in STEM and computing career pathways
- a STEM curriculum where *youth use advanced technologies* (such as 3D printers or programmable sensors) to engage in science and engineering investigations
- integrated career experiences that encourage youth to make personally-relevant connections with local STEM and computing occupations

During this three-year research project, **we will investigate the following questions:**

1. What tools and practices enable a community partnership to support youth exploration of locally relevant STEM and computing pathways?
2. What learning experiences enable middle school youth to create personally relevant connections with STEM and computing careers?
3. To what extent does STEM Career Connections stimulate youth interest and learning in STEM and computing careers?

If you have additional questions about the project, please contact: John Ristvey (jristvey@ucar.edu), Tammy Sumner (tamara.sumner@colorado.edu), or Quentin Biddy (Quentin.Biddy@colorado.edu).

**Project Collaborators:**

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