

Expanding Computer Science Opportunities in Montana High Schools **Prepared by John Paxton for the Gianforte Family Foundation**

Proposal Objective

- To expand the number of Montana high schools that offer computer science opportunities.

Long-Term Objective

- For every Montana high school to offer computer science opportunities.

Proposal Time Frame: Summer 2016 – Summer 2017.

Key Strategies

- Develop and pilot a course entitled The Joy and Beauty of Data at Bozeman High School during Spring Semester 2017.
- Provide teacher training for 20 Montana high schools teachers through Montana State University's MSSE Program during the summer of 2017.
- Develop and submit a computer science teaching minor proposal.
- Begin developing initial online teacher-training materials for The Joy and Beauty of Computing.