The Institute for Computing in Research and the Computer Science Alliance will host a professional development workshop, aimed at CTE teachers in Santa Fe as well as students involved in long research projects. This online course will be taught by:

Rhonda Crespo  Director of the Institute for Computing in Research.

Mark Galassi  Astrophysicist at Los Alamos National Laboratory.

Rowan Jansens, Madelyn Kingston, Mohit Dubey  New Mexico School for the Arts, winners of the Supercomputing Challenge.

Our goal is to create a culture of students managing projects, and to give guidelines and formats for teachers to help foster these self-organized teams.

This course is recommended for students involved in any long-term effort, such as theater production, art installations, software development, engineering projects, business ventures, …and for their teachers.

This workshop is free for teachers and students, but space is limited, so please sign up by email soon! Individual make-up is possible if you have to miss some of the time slots.

**Session 1**  Monday 2021-06-21 — 3pm-5:30pm:

15:00  Opportunities for student research in New Mexico.

15:45  discussion

16:00  “Long lead” versus “short lead” aspects of a project: crafting a “bill of materials” for your project.

**Session 2**  Tuesday 2021-06-22 — 3pm-5:30pm:

15:00  Panel discussion with the dream team from the Supercomputing Challenge.

16:00  Understanding both the good and the buzzwords in Agile project management.

16:30  discussion

16:45  Software as the highest complexity driver of schedule.