**E. Description of Planned Mentoring Relationship**

Chris’ proposed work directly aligns with the research of his mentor. As such, the mentor will be available and ready to offer advise during all stages of the proposed research:

The mentor will provide resources and examples to learn about high performance computing and script writing.

The mentor will work with the student to develop and write code.

The mentor will advise the student in the best practices in documenting research.

The mentor will be frequently available and meet with the student at least one hour per week.

The student will document their research using an electronic notebook that will be backed up online.

The student will regularly inform the mentor about their progress.

The student will spend at least 4 hours per week, per credit hour of PHY 499, performing work related to the project.

The student and mentor will read scholarly publications separately and then discuss the implications of the articles.

The student and mentor will meet at least once a week to reflect upon progress made since the previous meeting and converse about the way forward.