Christopher Brady
**Graduation Year**: Sophomore
**College:** Science
**Major(s):** Physics
**Minors(s):** none
**Scholar Group Membership:** none

**Did you received other funding for this project?:** FYS, COS
**Could you have completed this project without CUSE funding?** No
**More details on CUSE funding assistance?**

**Project Title:** Modelling and predicting cataclysmic events via a TWINSOL spectrometer.
**Project Location:** IN
**ND Faculty Mentor:** Dr. Bardayan
**Project Type:** Research Assistantship

**Why did you undertake this project/experience?** Deepen your knowledge of a topic or issue, Prepare for graduate school (MA or PhD), Career discernment and/or preparation

**Did your funded experience help you:**
**[Deepen your understanding of your coursework or field of study]:** Yes
**[Discern your interests and post-bac goals]:** Yes
**[Become confident in your ability to set and achieve your goals]:** Yes
**[Gain a more nuanced view of local, national, or global communities]:** Yes
**[Improve your written and verbal communications skills]**:A Little

**Tell us about your experience.**
During my summer research, I worked to help the research team predict the results of future experiments. A MSU professor had already built a program to model the experiments run through the MSU spectrometer. My work revolved arounding examining and understanding this program so I could alter it to predict the results of the TWINSOL spectrometer in use at Notre Dame.

**Describe the impact this project had, both on you as a student-scholar and on the people you worked with.**
This project mostly just allowed me to see the innerworkings of physics research.

**Describe how this experience is connected to your plans as a student or future professional.**
As a physics major I must decide if I want to go into industry or continue my schooling by going to graduate school for physics. Graduate school is entirely research based, so this project allowed me to get a better idea of what that may be like.

**What advice would you give other students who are planning to pursue similar projects?**

Start earlier. Most students dont really look for research untill their sophomore years. I was one of the youngest students, but it was really valuable and now I have a head start.

I acknowledge that this form has been filled out truthfully and to the best of my ability. I understand that this information will be shared with many different CUSE constituencies. As such, I have provided as much useful information as I was able. I understand that CUSE will not complete my award disbursement until this form is successfully completed. If I have any questions or concerns, I will contact CUSE before submitting this form. To illustrate that you understand all of these points, please enter your Notre Dame email in the box below.
undefined