

Peer Review of Zach Porter's Presentation**By Andre Miranda****SULI Program, SLAC National Accelerator Lab**

This peer review is being written on Zach Porter. Zach did his talk on "Electronic Structure of Buried Interfaces".

I think Zach's presentation was very informative. He began the talk by giving the audience a general introduction to his project. He introduced the idea of current magnets and how the technology is the same as it was in the 19th century. He then went on to talk about his research into novel materials that are being researched to be used as magnetic materials. Next he introduced the material he worked on and the work he did to better understand how its magnetic properties worked. He then wrapped up by informing everybody that what they learned doesn't solve the puzzle but it's an important step to getting the entire picture. I feel Zach did a great job of presenting his material. The subject he did research on is very complicated and I feel he did a great job of presenting it in a way that the audience could understand and learn something. I believe he organized it very well. He began with the big picture and why we need better magnets, and then steadily went more in depth on his research. Finally he brought it all back to his initial point on magnets. It had a clear focus in presenting the relevant information on his research to explain it well to an audience that wasn't familiar with his work. It was well presented also. There were no mishaps during his presentation. His visual aids did well to inform the audience and were not distracting.

Now I will talk more about Zach during his presentation. Zach was well prepared for his presentation. He was very confident while he was presenting which makes the audience feel as if the person knows what they are talking about, which Zach did. He was also well prepared for the questions that were asked which showed he knew the material well that he was researching. Zach was also well in

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control of himself. His body posture was good during the presentation and he had no distracting habits. He also looked at the audience while he presented and not at the floor or the projection screen. Finally, I felt he did a great job of pulling the audience into the story arc of his presentation. The structure stressed the importance of research into new magnetic materials and what he did this summer to advance that research.

Overall, I feel Zach did a fantastic job on his presentation.