

SURF Biography

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(Dated: June 12, 2006)

ORIGINATION THROUGH UNDERGRAD

I'm originally from Indianapolis where I've lived for my entire life up until I began attending Purdue where I have since obtained an undergraduate degree in Physics. During my undergraduate tenure I was on the Dean's list for all 8 semesters. I am also a member of the Golden Key and a couple of other honors societies. I have been an active member of the Society of Physics Students (SPS) since my Freshman year.

RESEARCH

Past

The first successful research that I did was under Prof. Carlson wherein I gathered recent data on high temperature superconductors. This experience helped me learn where to look for data and made me think about what I was doing so that I could create a valid strategy in finding papers. Before that I had done a rather unsuccessful project which failed due to my inexperience and a lack of direction, however this aided me by helping realize the

importance and joys that research can bring as well as the pain brought on by the sting of failure.

Present

Currently I am doing research under Prof. Carlson which I've described previously. On this particular project I've learned to act more independently and that alone has made it worth the effort. I've found that I am exceeding initial expectations and timelines and am excited by the prospect of investigating other phenomenon.

FUTURE

Seeing my undergraduate career go so wonderfully I have elected to go to graduate school and pursue a PhD in Physics. While I'm not positive what I want to work on yet, I'm currently leaning toward condensed matter physics or high energy physics as viable options. My ultimate goal is to become a professor of Physics, because it is something in which I enjoy researching and find pleasure teaching.