

Abstract Submitted
for the TSS10 Meeting of
The American Physical Society

Research Projects for Undergraduates ANDRA TRONCALLI, Department of Physics, Austin College — Physics majors, by enrolling in our research experience in physics course, have the opportunity to work in small groups on independent research projects. Over the last few years, I have directed a few of these research projects; some were closely related to my own research in the field of high temperature superconductivity, and students participated in growing and characterizing samples. Other projects involved nanotechnology, Hall probes, and programming in LabVIEW. For some students, this was their very first research project, while others had more experience. I will talk about the projects and about the particular type of challenges and benefits this type of course brings to both students and instructors.

Andra Troncalli
Department of Physics, Austin College

Date submitted: 22 Feb 2010

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