Capstone Symposium Program Description

A program is created for each annual MSSE Capstone Symposium in Science Education. In order to compile the program, the following information is needed from each graduate candidate. Please follow these guidelines when writing your description. It MUST be approved by your project advisor before submission.

Your Name
Your city, state of residence (international students, include country)
Name and location of the school at which your study was conducted (if appropriate)

Title of your project (the word science or a science-related term must be in the title. Work with your project advisor to limit the wording of the title

Description of the study (no more than 80 words. Include overview of the study, brief description of the treatment and general results)

Formatting requirements:

Times New Roman size 12 font
Bold your name and the title of the study
No italics, no underlining
Single spaced

Example:

**Mary Doe**
Two Dot, Montana
Two Dot High School, Two Dot, Montana
**Engaging in Argumentation in High School Chemistry**

Students engaged in argumentation from evidence specific to the chemistry concepts of trends in the periodic table, release and absorption of energy from chemical reactions and the effects of temperature and concentration of reactions. Pre- and post-content tests, surveys, interviews and an argumentation rubric were used as data collection instruments. Data were processed using both quantitative and qualitative analysis strategies. The results suggested that students made noteworthy gains in abilities to effectively argue from evidence.