



Official GSHS Seals of Excellence in CTE and STEAM Capstone Project Abstract

Student Name:

School Name:

City, State, Country:

Type Abstract in the space below and complete the checklist that follows:

- As a part of this research project, the student directly handled, manipulated, or interacted with (check ALL that apply):
 human participants potentially hazardous biological agents vertebrate animals microorganisms rDNA
 tissue n/a
- I/we worked or used equipment in a regulated research institution or industrial setting:
 Yes No
- This abstract describes only procedures performed by me/us, reflects my/our own independent research, and represents one year's work only:
 Yes No
- This project is a continuation of previous research.
 Yes No
- My display board includes non-published photographs/visual depictions of humans (other than myself):
 Yes No
- I/we hereby certify that the abstract and responses to the above statements are correct and properly reflect my/our own work.
 Yes No

Category

Pick one only— mark an "X" in box at right

STEAM

CTE: Agriculture/Plant Systems Business and Marketing Computer Science Engineering Government and Public Administration: NJROTC Gulf Coast Sciences Health Science (including Sports Medicine) Hospitality and Tourism: Culinary Arts Public Service and Safety: Fire Science

COMPLETING THE ABSTRACT:

Abstracts are limited to a maximum 250 words and must fit within the predefined area. Please be sure to use APA formatting.

The abstract **should include the following:**

- a) *Purpose of the project*
- b) *Procedure*
- c) *Data*
- d) *Conclusions*

It may also include any possible research applications. Only minimal reference to previous work may be included.

An abstract **must not include the following:**

- a) Acknowledgments(*including naming the research institution and/or mentor with which you were working*), or self-promotions, and external endorsements
- b) *Work or procedures done by the mentor*

COMPLETING THE CERTIFICATION:

At the bottom of the Abstract & Certification form, there are six questions. Read each carefully and answer appropriately.

Please bring copies of your Abstract to your capstone presentation to share with your review panel.

TIPS ON WRITING A PROJECT ABSTRACT

A project abstract is a brief paragraph or two (limited to 250 words or 1,800 characters) highlighting and/or summarizing the major points or most important ideas about your project. An abstract allows judges to quickly determine the nature and scope of a project.

- Emphasize these aspects: purpose (hypothesis), methods (procedures used), data summary or analysis, and conclusions.
- Focus only on the current year's research.
- Omit details and discussions.
- Use the past tense when describing what was done. However, where appropriate, use active verbs rather than passive verbs.
- Use short sentences but vary sentence structure.
- Use complete sentences. Do not abbreviate by omitting articles or other small words in order to save space.
- Avoid jargon and use proper scientific language.
- Use concise syntax, correct spelling, grammar, and punctuation.

AVOID A REWRITE

- Focus on what you did, not on the work of your mentor or of the laboratory in which you did your work.
- Do NOT include acknowledgements, self-promotion, or external endorsements. Do not name the research institution and/or mentor with which you were working and avoid mentioning awards or honors (including achieving a patent) in the body of the abstract.
- Be sure to emphasize the current year's research.