



HIP Research Paper Guidelines

A scientific (research) paper is a written report describing original research results. The format of a scientific paper has been defined by centuries of developing tradition, editorial practice, scientific ethics and the interplay with printing and publishing services. A scientific paper should have, in proper order, the following. Please refer to the Research Paper Elements example for additional information.

- a. Title
 - Title of paper
 - Your name and affiliation(s), i.e., School and program affiliation (Pathways, American Society for Engineering Education, etc.)
 - Name of your mentor/advisor and affiliation
- b. Abstract
 - Single paragraph, approximately 250 words
 - Synopsise the whole paper, introduce the project, provide a brief background on how the project was conducted, results, and final conclusions
- c. Introduction
 - Provide background about the HIP Project, history of the subject matter, purpose and significance of the work, etc.
- d. Materials and Methods
 - Describe the experimental design and how it accomplished project objectives
- e. Results
- f. Conclusions or Summary
 - Continuing/Future Work
- g. Impact of Summer Research Experience (does not count in page count)
 - 1,000 words or less
 - Briefly describe your educational background and experience prior to the internship.
 - Briefly describe the expectations participating in HIP and this project.
 - Explain how the internship affected your personal, educational, and career goals
- h. Acknowledgements (does not count in page count)
 - All papers should acknowledge sponsorship by the High Performance Computing Modernization Program (HPCMP) and the HPC Internship Program (HIP)

- i. References/Sources (does not count in page count)

Research papers are limited to a minimum of five (5) pages and a maximum of nine (9) pages with figures, graphs, tables, etc.

General formatting requirements include:

- a. Format: MS Word
- b. Font: Times New Roman
 - i. Title and Author area, refer to HIP Research Paper Example for specifics
 - ii. Body: 12 – point
- c. Refer to the example that identifies deviations from the standard
- d. Spacing: Single-space
- e. Margins: One-inch
- f. Label your paper with the HIP Project Number in the Header so it appears on all pages of your paper, e.g., HIP-YY-0## (right-justified)
- g. Include page numbers in the footer
- h. Label figures, graphs, and tables with clear descriptions. Figures, graphs and tables can appear at the end or in situ
- i. Mark your research paper: HIP-YY-0##_your mentor_your name_paper.doc. For example, HIP-17-050_Schwartz_Aller_paper.doc

Clearance Markings

- a. All DoD documents and presentations are marked with a “Distribution Classification and Statement”. This classification provides the extent of the availability of the information for release, distribution and disclosure without additional approvals. The Mentor is the authoritative person who will determine the level of distribution
- b. All deliverables (i.e., reports, presentations and posters) will be marked with the appropriate distribution statement