

LPJH STEM Author Guidelines

1. Mandatory Anonymization Policy

To ensure a fair and unbiased peer-review process, all manuscripts must be fully anonymized before submission.

- **Identification:** Do not include author names, affiliations (ex: Las Positas College), or contact information within the manuscript file.
- **Automatic Rejection:** Any manuscripts that are not anonymized will be automatically rejected.

2. Formatting and Structure

- **File Type:** Submissions must be in PDF format.
- **Typography:** Use Times New Roman at 12 points.
- **Layout:** Single column and double-spaced.
- **Standard STEM Structure:**
 - i. **Title:** Descriptive and specific.
 - ii. **Abstract:** (Refer to Section 3)
 - iii. **Introduction:** Context, problem statement, and hypothesis.
 - iv. **Methods:** Detailed enough for replication.
 - v. **Results:** Data presentation without interpretation.
 - vi. **Discussion:** Interpretation of results and limitations.
 - vii. **Conclusion:** Summary of findings and further discussion.
 - viii. **References:** (Refer to Section 7)

3. Abstract Guidelines

The abstract should serve as a standalone summary of your research. It should be

a single paragraph of 150 to 250 words.

- **Content:** Brief topic and motivation, background/context, method description, results, and takeaways.
- **Style:** Avoid citations, mathematical derivations, or non-standard abbreviations.

4. Style and Mathematical Notation

- **Voice:** While “we” is acceptable in some disciplines, the use of the third person or passive voice is preferred
- **Precision:** Use SI (Système International) units exclusively and maintain a consistent number of significant figures.
- **Equations:** All equations should be centered on a new line and numbered consecutively in parentheses at the right margin.

$$y = mx + b (1)$$

5. Figure Captioning

Visual data must be high-resolution and professionally presented.

- **Placement:** Figures should be embedded in the text near their first mention.
- **Captioning:** Captions must be placed below the figure. They should be self-explanatory, allowing readers to understand the figure without needing to refer back to the main text.

6. References

LPJH utilizes the American Institute of Physics (AIP) numbered citation system.

- **In-Text:** Use superscript numbers or numbers in brackets [1] in the order of appearance.

- **Reference List:** List all sources at the end of the document in the order they were cited in the text.

- i. General format:

- 1. **Journal/Article:** Author(s), Abbreviated Journal Name, Title, Volume Number, Starting Page (Year)
 - 2. **Book:** Author, *Title of Book* (Publisher, City, Year), p. #

7. Certification of Original Work

All submissions must include a signed Certification of Originality (provided as a separate cover sheet while submitting). By submitting this, authors certify that:

- The work is the original product of the student
- All data presented is authentic and has not been fabricated
- All sources, including AI tools or external datasets, are properly cited.
- The work has not been published elsewhere.