

Common Citation Style Guides for STEM Fields

Below are quick tips for the citation style guides commonly used in STEM fields.

Please refer to your specific style guide for more specific information on formatting in-text citations and references.

BIOLOGY

Journal of Cell Biology

- References should be cited parenthetically in the text by author and year of publication.
- References should be listed alphabetically by first author's last name.
- Journal titles should be abbreviated according to PubMed.

Nature

- References are numbered sequentially as they appear in the text. Use superscript numbers to indicate a reference.
- *et al.* is used in references with more than five authors.
- Journal names are abbreviated. Refer to the National Library of Medicine.

CHEMISTRY

ACS (American Chemical Society)

- References may be cited in the text in three ways:
 - By superscript numbers
 - By italic numbers in parentheses
 - By author name and date
- Journal titles are abbreviated according to Chemical Abstracts Service Source Index (CASSI).

COMPUTER SCIENCE

IEEE (Institute of Electrical and Electronics Engineering)

Note: There are two versions of this model currently available. It is recommend that you use the most recent manual, revised in 2014. If you use the 2009 edition, please let us know through Student Notes to Administrator in ETD.

- References are numbered in sequential order as they appear in the text. Reference numbers are placed in square brackets.
- Journal titles and Conference titles should be abbreviated according to the style guide. There is a section in the manual titled **Common Abbreviations of Words in References**.
- Several pieces of information included in a reference may be abbreviated. Please review the style manual as you format your references.

ACM (Association for Computing Machinery)

- References should be cited parenthetically in the text by author and year of publication.
- Journal titles are abbreviated.

EARTH & ENVIRONMENTAL SCIENCES

AGU (American Geophysical Union)

- References are cited by the last name of the author and the year.
- *et al.* is used in references with more than ten authors.
- Journal titles are abbreviated according to Chemical Abstracts Service Source Index (CASSI).
- Several pieces of information included in a reference may be abbreviated. Please review the style manual as you format your references.



SUBMIT YOUR THESIS

Rensselaer Polytechnic Institute

ENGINEERING

IEEE (Institute of Electrical and Electronics Engineering)

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- Several pieces of information included in a reference may be abbreviated. Please review the style manual as you format your references.

MATHEMATICS

SIAM (Society for Industrial and Applied Mathematics)

- References should be listed in either alphabetical order or order of citation.
- Journal titles are abbreviated in according with Mathematic Reviews.

PHYSICS

APS (Physical Review)

- References are cited consecutively in numerical order.
- Journal titles are abbreviated according to the style guide, Chemical Abstracts Service Source Index (CASSI) and Abbreviations of the Names of Scientific Periodicals Reviewed in Mathematical Reviews (American Mathematical Society).

(AAS) American Astronomical Society

- References are cited in-text by the last name of the author(s) and the date of publication.
- *et al.* is used for references with more than five authors. The first three authors are listed followed by a comma and *et al.*
- Journal titles are abbreviated according to ADS Bibliographic Codes: Referred Publications or ADS Bibliographic Codes: Non-refereed Publications.
- Several pieces of information included in a reference may be abbreviated. Please review the style manual as you format your references.

Science AAAS

- References are cited consecutively in numerical order, within parentheses and italicized.
- Journal titles are abbreviated according to the style guide.
- *et al.* is used for references with more than five authors.

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Aug 2016