

Biomaterials Term Paper Formatting Guidelines

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Abstract

A well-written abstract will summarize each of the following sections of your report in a few sentences. To do this, its best to write it *last*, as it is difficult to summarize what you haven't yet said.

1. Main Section Headings Are Bold

1.1. Subsection Headings Are Italicized

1.1.1. Sub-subsection Headings Are Underlined

Indent to start paragraphs. Paragraphs should be full justified and single spaced. All text should use 12 point Times or Times New Roman font. If subsection headings are used, there should be more than one, e.g., they should not stand alone. Insert blank lines between section headings, but not paragraphs. Use one inch margins and number each page at the center of the footer, as shown below.

1.1.2. Figures, Tables and Equations

Figures and Tables should be centered in the page and cited in the text as Table 1 or Figure 1, or within parentheses (Table 1 or Fig. 1). Place tables and figures as near to the first citation as possible. Insert tables and figures at breaks between paragraphs or sections. Equations should be centered and numbered as follows:

$$F = m \cdot a \tag{1}$$

where F is the force, m is mass and a is acceleration. Variables should be italicized.

Table 1. The table title should go above the table. Variables should be defined and units provided. E.g.: “The mean (\pm standard deviation) physiological force (F) and outer diameter (d) measured at two anatomical locations in the sasquatch ulna.”

Location	F (MPa)	d (cm)
proximal	6.6 (1.2)	2.33 (0.20)
distal	5.8 (0.8)	1.18 (0.07)

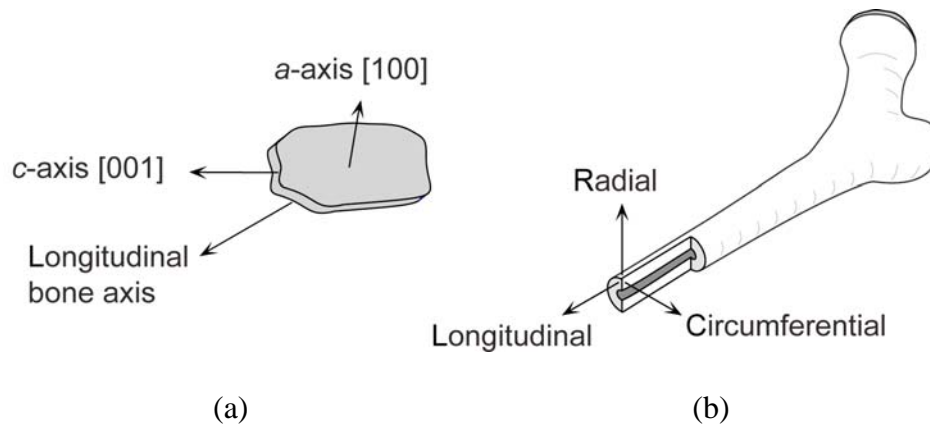


Figure 1. The figure caption should give a brief description of the figure. If the figure was adapted from another reference, the original source must be acknowledged. E.g.: “Schematic diagram showing (a) the apatite crystal orientation relative to (b) the bone specimen axes [1].” Or add: “Adapted from Ref. 1.”

1.2. References

References should be cited in chronological order using square brackets [1].

1.3. Submission

Submit your final, edited manuscript in PDF format to Dr. Roeder via email (rroeder@nd.edu). Microsoft Word can create PDF documents automatically. Adobe Acrobat Distiller and other third party software allow conversion to PDF from other applications such as LaTeX.

2. References

Single space references as shown below. Follow formatting guidelines for the journal *Biomaterials*. Examples are provided below for different types of references:

1. Rho J-Y, Kuhn-Spearing L, Zioupos P. Mechanical properties and the hierarchical structure of bone. *Med Eng Phys* 1998;20:92-102.
2. Guo XE. Mechanical properties of cortical and cancellous bone tissue. In: Cowin SC, editor. *Bone Mechanics Handbook*, 2nd Edition. Boca Raton: CRC Press LLC, 2001. p. 10.5-10.14.
3. Skucas, J. Barium sulfate: Clinical Application. Barium sulfate: Toxicity and Complications. In: Skucas, J, editor. *Radiographic Contrast Agents*, 2nd Edition. Rockville: Aspen Publishers, Inc., 1989. p. 10-76.
4. Victrex plc. *Material Properties Guide*. Lancashire, UK, 2006.
5. ASTM Standard D638-01. Standard test method for tensile properties of plastics. American Society for Testing and Materials. West Conshohocken, PA, 2001.