

INSTRUCTIONS FOR SUBMISSION

Scope

The Journal of Undergraduate Research in Bioengineering (*JURIBE*) showcases research results of undergraduate students in bioengineering. Completed research projects are not necessary for publication. Articles are intended to document research accomplishments to date. It is expected that many of the articles that appear in this journal will later be expanded to full length studies and published elsewhere. Publication in *JURIBE* will not preclude later publication of the results in a more complete presentation.

Submission

JURIBE publishes original research papers. Reports on original research are limited to research conducted while or before the author was an undergraduate.

Articles will be refereed with special attention paid to writing style, clarity, organization, and manuscript preparation. Also of importance are good scientific method, the use of statistics, novelty, and impact.

Two hard copies should be submitted along with an electronic copy of the manuscript. The electronic copy should be submitted on a CD. A cover page must accompany each manuscript and contain the following information: author(s) name, advisor(s)/mentor(s) name, paper title, address, e-mail address, author's institution, and date of submission.

Manuscripts and CD should be submitted to: Janet Wilt, Managing Editor, University of Washington - *JURIBE*, Box 355061, Foege Bldg., Rm. N361, Seattle, WA 98195-5061. Please call (206) 221-5829 for questions. Deadline for submission to the next issue of *JURIBE* is **Friday, April 16, 2010**.

Forms

All authors interested in submitting an article to *JURIBE* must submit a completed **Advisor Approval and Author Warranty Form and a Copyright Form**. The Transfer of Copyright Form enables UWEB to protect the copyrighted material for authors, but does not relinquish the author's proprietary rights. The copyright transfer covers the exclusive rights to reproduce and distribute the article, including reprints, photographic reproductions, microform or any other reproductions of similar nature and translations, and includes the right to adapt the article for use in conjunction with computer systems and programs, including reproduction or publication in machine-readable form, PDF or the web. Authors are responsible for obtaining from the copyright holder permission to reproduce any figures for which copyright exists. Please let the *JURIBE* managing editor know if the paper is being submitted simultaneously to other publications.

Contact Janet Wilt (wilt@uweb.engr.washington.edu) to request these forms or download the forms at: <http://www.uweb.engr.washington.edu/education/juribe.html>.

File format

Text must be submitted in Microsoft Word. Please double space and use Times New Roman, 12 point.

Abstract

The abstract must summarize the research article and highlight major results in a single paragraph of 150 words or less.

Results

The results section should summarize and describe the research results. Interpretation of the results and any conclusions are reserved for the discussion. Statistical tests and error analysis must be presented where appropriate.

Discussion

The discussion should interpret and discuss the importance of the findings. It should also compare the findings to previous results in the field and to predictions by theoretical models, as appropriate.

Acknowledgments

Acknowledgements of the author's advisor/mentor and institution are required. Funding information for grant-supported programs (i.e., National Science Foundation, National Institutes of Health) should be listed as well.

References

References must include only items that are published or in press. Unpublished data or current submissions to journals are cited within the text. Abstracts or posters presented at meetings may not be cited. Any published material from all sources, including the Web, must be properly cited. All reference numbers should be enclosed by brackets [] within the body of the text. References are cited at the end of the manuscript and *must* be listed in **alphabetical order** in the *Journal of Undergraduate Research in Bioengineering (JURIBE)* style.

Examples:

1. Bejan A. Convective Heat Transfer. New Jersey: John Wiley & Sons; 2004.
2. Fang Y, Liou WW. Computations of the flow and heat transfer in microdevices using DSMC with implicit boundary conditions. *Journal of Heat Transfer* 2002;124:338-345.
3. Sabry MN, Djebedjian BO, Saleh SH, Mahgoub MM. Modeling heat transfer and liquid flow in micro-channels. In: Ernst LJ, editor. *International Conference on Thermal and Mechanical Simulation and Experiments in Microelectronics and Microsystems, Proceedings, 5th*. Brussels, Belgium: New York: IEEE; 2004. p 511-518.
4. Taylor, GI, *Proceedings of the Royal Society of London* 1964; A:280-383.
5. University of Washington Engineered Biomaterials. August 2001. <http://www.uweb.engr.washington.edu/>.

Figures and Tables

All figures, tables, and graphs must be submitted as separate JPG, JPEG, GIF, TIF, EPS, PICT or BMP graphic files.

Illustrations and Photographs

Drawings and illustrations should be "camera-ready" using black ink. *JURIBE* is printed in black and white format, color illustrations and photographs will be converted to grayscale images. Label axes appropriately and clearly.

Photographs must be submitted as JPG, JPEG, GIF, TIF, EPS, PICT or BMP graphic files. Drawings, illustrations and photographs that are scanned for publication may be reduced in order to meet publication standards.

Units and Abbreviations

Unless otherwise dictated, all measurements should be in metric units. Standard abbreviations for chemicals and units should be applied. Acronyms must be spelled out in the first reference and may be used in each following reference.

Footnotes

Footnotes and headers may not be used.

Proofs

Authors are responsible for ensuring that all manuscript (whether original or revised) are accurately typed before final submission. Proofs will be sent to authors before publication for final review.