REQUIREMENTS TO SUBMIT

Eligibility
You must be an undergraduate student making progress toward a degree in engineering. *Illumin* considers only unpublished manuscripts that are not simultaneously under review for publication elsewhere.

Article Specifications
- Be between 1,500 to 2,000 words in length
- Contain at least (3) academic, non-internet sources
- Have documented use of all outside sources in MLA format (articles with no references will not be published and may constitute plagiarism)
- Include a bibliography
- Include a title page containing: Title of the article, contact information (author’s name, phone number, email address, school), an abstract of 150-200 words, and a brief, two-line autobiography
- Include a list of 5-6 keywords for search engines to recognize

Submission Process
Articles should be submitted via email attachment to: illumin@usc.edu.
Submission of articles does not guarantee publication, and additional editing may be required for publication. Authors will be notified upon acceptance.

ABOUT THE PUBLICATION

*Illumin* is an online magazine that illustrates the impact of engineering on everyday life. This review features the work of undergraduate engineers at the USC Viterbi School of Engineering as well as submissions from other universities throughout the nation and is published by the USC Engineering Writing Program. *Illumin* articles are aimed at increasing awareness of the significant effects of engineering on the environment, medical care, socioeconomics, politics, and everyday life in general.

*Illumin* has a worldwide circulation and demonstrates the importance of engineering to people with a wide diversity of specialties, backgrounds, and interests. Excerpts of *Illumin* articles have been published in textbooks. Images, diagrams, and multimedia features are also used and developed to illustrate the ideas and concepts highlighted in the articles.

http://illumin.usc.edu
CALL FOR PAPERS

Illumin is an online magazine produced and published by the Engineering Writing Program at the USC Viterbi School of Engineering. The mission of the magazine is to explore the science and technology behind the things we encounter and experience on a daily basis.

Illumin is currently soliciting articles from talented undergraduate engineers at universities across the nation to address issues centered on the National Academy of Engineering’s Grand Challenges.

The 14 Grand Challenges were created to encourage discussion of strategies and solutions for a critical grouping of problems that must be addressed in order to maintain our national security, quality of life, and sustainable future. The challenges are categorized into four thematic threads representing key societal issues: Sustainability, Vulnerability, Health, and the Joy of Living.

The 14 Grand Challenges:

**Sustainability**
1. Make Solar Energy Economical
2. Provide Energy from Fusion
3. Develop Carbon Sequestration Methods
4. Manage the Nitrogen Cycle
5. Provide Access to Clean Water

**Health**
6. Engineer Better Medicines
7. Advance Health Informatics
8. Reverse Engineer the Brain

**Vulnerability**
9. Secure Cyberspace
10. Prevent Nuclear Terror
11. Restore and Improve Urban Infrastructure

**The Joy of Living**
12. Enhance Virtual Reality
13. Advance Personalized Learning
14. Engineer the Tools of Scientific Discovery

Illumin will publish one issue for each of these categories. There will be a prize of $500 given to the author of the best article in each issue, as judged by the Illumin editorial staff.

Successful articles will examine one aspect of a specific challenge in depth and situate it within the appropriate global context to engage a broad spectrum of readers.

Illumin seeks articles that will
- Identify the role of engineers within the challenge
- Illuminate the engineering principles underlying the technology or process
- Explore the ethical dimensions of addressing the challenge
- Present information in creative and objective way that will be accessible to engineers and non-engineers alike
- Use a variety of credible sources to substantiate the information
- Offer rich visual content and encourage multimedia features

If you have questions or need additional information, contact the editors at: illumin@usc.edu