Guidelines for Reviewers

SIAM Undergraduate Research Online (SIURO) provides a venue for published work written by undergraduates, as opposed to results written by graduate students, post-docs, scientists and/or faculty. As such, SIURO publications are authored by undergraduate students. Faculty, scientists, postdocs and/or graduate students are not listed as co-authors but as faculty advisors.

The goals for SIURO are:

1. To motivate students to engage in and continue their research by providing a venue for them to publish;
2. To give undergraduates a first-hand experience in the peer-review process; and
3. To publish well-written applied and computational mathematics original undergraduate research that may not be ready for submission to a regular journal but could serve as a stepping stone.

Manuscripts are read by reviewers holding a terminal degree in the mathematical sciences or a related field. Reviewers are asked to take into consideration the following when reading a manuscript:

a. Submissions are written by undergraduates;
b. Submissions are well-written. Do note that the extent to which a paper contributes to the field may be generous given the shorter time frame in which the research typically occurs. Undergraduates may not have the same amount of time to devote to a research project due to completing research prior to their graduation or due to completing their work as part of a summer REU;
c. Sometimes in undergraduate research, pieces of a larger project are completed by different groups over the course of years. SIURO provides a place to publish their pieces before the "big picture" is ready for a regular publication; and
d. References in bibliography may slightly differ from those cited in regular journal publications.

The Associate Editor (AE) serves as the primary point of communication between the reviewer and student author. The AE does not include the faculty advisor(s) in communication associated with the manuscript review. The identity of the reviewer is not revealed to the student author. Reviewers are asked to complete reviews within 45 days. Reviewers are asked to submit one of the following recommendations along with their review:

i. Publish as is
ii. Return to the author for minor revision, outlined in comments
iii. Return to the author for major revision, outlined in comments
iv. Reject outright

Reviewers may be asked to read a manuscript that has been revised to reflect their review.