

Here are the questions CBE-LSE reviewers are asked to use to guide their reviews:

Quality of the work:

- Does the work address a clear educational problem or education research question?
- Is there clear alignment among the problem or question being addressed and the design of the study or educational innovation?
- Are the claims appropriate given the design and results of the work?
- Are the instructional approaches, outcomes, or impacts applicable or transferable to other settings? If so, is this clearly and compellingly articulated?
- Are the tables, figures, and/or supplemental documents adequate for understanding the work and its implications?
- If relevant, are the instructional materials adequate for interested readers to implement the educational innovation?
- Are the ideas expressed clearly, using good grammatical construction and a clear writing style?
- Is the work connected with relevant literature regarding education research and practice?

Significance of the work:

- To what extent does the work advance understanding of biology teaching and learning?
- To what extent is the work important to biology teaching and learning?
- To what extent will the work be valuable or useful to a defined audience of biology educators?
- Do you recommend featuring this paper in annual Highlights issue or the ASCB Newsletter?