



Instructions for Reviewers of Education Forums

SCIENCE'S MISSION: *Science* seeks to publish those papers that are most influential in their fields and that will significantly advance scientific understanding. Selected papers should present novel and broadly important data, syntheses, or concepts. They should merit the recognition by the scientific community and general public provided by publication in *Science*, beyond that provided by specialty journals.

CRITERIA FOR JUDGMENT

Education Forums present original research evaluating the practice of pre-college or undergraduate science education or are essays on aspects of educational practice.

Overall Recommendation: On the basis of the mission statement above, recommend in your review whether this Education Forum should be published in *Science* and provide a critique based on the following:

Technical Rigor: Evaluate whether, or to what extent, the data and methods substantiate the conclusions and interpretations. If appropriate, indicate what additional data and information are needed to validate the conclusions or support the interpretations.

Novelty: Indicate in your review if the conclusions are novel or are too similar to work already published.

Supplementary Materials. Supplementary Materials include methods, text, or data that is still necessary for the integrity and excellence of the paper. It must be directly related to the conclusions of the print paper. It should not present additional interpretations or conclusions. Your review should include an evaluation of the Supplementary Materials. We welcome suggestions for deletions of Supplementary Materials or items that should be moved to supporting online material.

Length: Education Forums should fit on 2 printed pages.

The final selection is based on relative quality of papers rather than absolute merit and is constrained by available space in Science and our commitment to balance subject matter.

Security: We ask reviewers to inform us if they have concerns that release of this paper may pose a danger to public health, safety, or security. Such concerns will be brought to the attention of the Editor-in-Chief for further evaluation.

Conflict of Interest: If you cannot judge this paper impartially, please notify us immediately. If you have any financial or professional affiliations that may be perceived as a conflict of interest in reviewing the manuscript, please describe those as indicated on our online review form.

Confidentiality: We expect reviewers to protect the confidentiality of the manuscript and ensure that it is not disseminated or exploited. Please destroy your copy of the manuscript when you are done. Only discuss the paper with a colleague with permission from the editor. We do not disclose the identity of our reviewers.

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