# **Literature Discussion on “*How to Review a Paper”***

by Igor V. Alabugin, *ACS Chemical Health & Safety,*<https://dx.doi.org/10.1021/acs.chas.0c00107>

**Guiding Questions**

Prior to coming to class, please review the article with particular attention given to the sections “Before You Write,” “Write Your Review,” “A Few General Points about Writing Your Review,” and “Ethical and Diversity Issues.”

1. In the section “Before You Write,” the author recommends reading a manuscript 3-4 times. Summarize the purpose of each stage of reading.

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| **Stage of reading** | **Goals for that stage** |
| Initial stage |  |
| Second (and possibly third) time(s) |  |
| Last time |  |

2. Before writing the review, a reviewer should consider the audience, who will be the readers of the review, as they write. Who is the audience when writing a review for an article submitted to an ACS journal? Who is the audience for the peer-review exercise you are conducting?

3. In the section “Write Your Review,” the author divides the review into two main portions, ***summary*** and ***specific critique***. Summarize what should appear in each section.

***summary*** :

***specific critique***

4. The author of the article reiterates the point of being specific when writing the critique. What are the main reasons for encouraging specificity?

5. What are some potential negative consequences of peer-reviews that contain overly personal, disparaging, and/or biased remarks?