Intellectual Merit Criterion

Overall Assessment of Intellectual Merit

Excellent

Explanation to Applicant

Applicant has a strong history of not only participating in research opportunities but also making contributions to advance the field - impressive at current academic stage. Also has co-authored a published paper. Research statement is well-written and student seems qualified to carry it out.

Broader Impacts Criterion

Overall Assessment of Broader Impacts

Excellent

Explanation to Applicant

History of engaging with a diversity of groups. Has a plan for BI for her proposed research. Plans to engage students at different levels as well as teachers. Has a website/blog, which is becoming more important/useful for disseminating ideas/findings.

Summary Comments

Overall a highly capable, motivated, engaged student. Great potential for success as a scientist.

Intellectual Merit Criterion

Overall Assessment of Intellectual Merit

Excellent

Explanation to Applicant

This investigator has both the laboratory and field experinece necessary to conduct the research that is describe. The scientific ojective are well laid out in the form of cogent hypotheses and specific goals. I find the intellectual merit of this project and the investigator excellent. I would expect her results to be widely disseminated and to have an impact on the field.

Broader Impacts Criterion

Overall Assessment of Broader Impacts

Excellent

Explanation to Applicant

I find the broader impacts outlined to be resonable and effective for the project described. The continuation of an existing forum created by the investigator to convey science to the public in a relatable way is a natural extension. I hope that she can continue to develope new programs as well.

Summary Comments

Overal, I think this package is excellent and should be supported if at all possible.

Intellectual Merit Criterion

Overall Assessment of Intellectual Merit

Excellent

Explanation to Applicant

Timely and important research project with strong interdisciplinary component. Applicant is clearly very bright academically and shows significant capacity as a scientists. This is someone who I see making important contributions to leadership in science.

Broader Impacts Criterion

Overall Assessment of Broader Impacts

Excellent

Explanation to Applicant

Applicant has strong and well demonstrated record of E/O activities. Student continues to write a great science blog about research and plans to continue many different activities to strengthen scientific education and broaden scientific participation. This student will undoubtedly make nice contribution to public education.

Summary Comments

One of the strongest applicants/applications I've seen. Applicant is the omplete package who is passionate, lively, smart and holds strong supervisory skills. Very impressive.