

I.

Overall Assessment of Intellectual Merit: Excellent

Explanation to the applicant:

This applicant is very well prepared for graduate study. His coursework and standardized test scores are impressive. He has participated in a NSF REU program and other undergrad research activities. His international experience is extensive and would become an asset to his future career. The research proposal was well written. The applicant has also been engaged in writing for publication and presenting research findings. The applicant clearly has abilities to plan and conduct research and disseminating research findings.

Overall Assessment of Broader Impacts: Excellent

Explanation to the applicant:

The applicant has participated in Peace Corps and lived overseas for many years. He also has been involved in teaching and outreach to K-12 students and communities. It is evident that the applicant has interest and desire to integrate research and education. As the reference letters suggest, the applicant has potential to communicate to a large audience and generate broader impacts.

II.

Overall Assessment of Intellectual Merit: Excellent

Explanation to the applicant:

The diverse and international experiences of this applicant are among the most extensive and accomplished this reviewer has seen, and speak to the likelihood of success in independent research. The academic record and letters of reference are both exceptionally strong. The research proposal is well organized although I would like to have seen more clearly defined hypotheses.

Overall Assessment of Broader Impacts: Excellent

Explanation to the applicant:

The proposed research has strong potential for application to management issues and will be useful to a variety of other users. The applicant has prior experience with teaching high school students and a specific plan is outlined to include local minority and disadvantaged students in education and research efforts.

III

Overall Assessment of Intellectual Merit: Very Good

Explanation to the applicant:

The applicant demonstrates that he has the necessary experience, background and training for graduate study and for the proposed research. The research proposal is well organized with background and context that fully illustrate the importance of the study results. None-the-less, the proposal would benefit from a more clearly developed articulation of the hypotheses to be tested, along with specifics concerning the techniques and analyses associated with each.

Overall Assessment of Broader Impacts: Excellent

Explanation to the applicant:

The proposal clearly and fully demonstrates an understanding and appreciation of the broader impacts criterion. The proposal includes consideration and discussion of how the research results can be used by non-scientific community and how that community can be incorporated into the research process.