

Score for Strouse, Daniel

Intellectual Merit Criterion

Overall Assessment of Intellectual Merit

Excellent

Explanation to Applicant

The applicant's academic credentials are excellent. The applicant's previous research experience is excellent for the proposed project. The applicant's ability to work in an interdisciplinary environment is excellent.

Broader Impacts Criterion

Overall Assessment of Broader Impacts

Excellent

Explanation to Applicant

The applicant's interest and commitment to disseminate scientific knowledge is excellent. The applicant's multidisciplinary academic background contributes to diversity. The applicant's international research efforts increase enthusiasm for the proposal.

Score for Strouse, Daniel

Intellectual Merit Criterion

Overall Assessment of Intellectual Merit

Excellent

Explanation to Applicant

The applicant has a very impressive academic record in which they have received numerous awards. Additionally, the applicant's letters indicate the applicant is among the very best student's. The applicant has demonstrated an ability to work and solve complex computational questions.

Broader Impacts Criterion

Overall Assessment of Broader Impacts

Excellent

Explanation to Applicant

The applicant has an impressive record of broader impacts. The applicant co-led a team that designed and implemented a water pump, and the applicant participated in the distribution of water filters in India. The applicant participated in the generation of a website designed to promote open collaboration of ongoing scientific work.

Score for Strouse, Daniel

Intellectual Merit Criterion

Overall Assessment of Intellectual Merit

Good

Explanation to Applicant

The applicant has a strong undergraduate preparation. There have been several research experiences as an undergraduate. There are no publications nor conference abstracts. The research plan is very thin and does not provide sufficient explanation. Letters of recommendation are good.

Broader Impacts Criterion

Overall Assessment of Broader Impacts

Good

Explanation to Applicant

The applicant has had overseas outreach experiences that were loosely science related. The applicant has started an online tool - wrote and developed during undergraduate studies designed for online scientific collaboration. He indicates that he plans to continue this during his graduate studies.