

## Score for Clark, Adam

### Intellectual Merit Criterion

#### Overall Assessment of Intellectual Merit

Good

#### Explanation to Applicant

The applicant has an impressive academic record and extensive research experience in the field and lab on ants, and has presented research findings on multiple occasions. The proposal to examine the effect of native species on exotic invasive species is interesting, particularly in its focus on edges of invasions. The proposal would have been strengthened by the inclusion of information on the ecological theory and previous research on which the hypothesis is based.

### Broader Impacts Criterion

#### Overall Assessment of Broader Impacts

Good

#### Explanation to Applicant

The applicant has demonstrated the ability to connect with high school students in workshops and the field. Information in the research area may provide additional tools for managing exotic invasions, but the applicant could have articulated how this would be accomplished.

## Score for Clark, Adam

### Intellectual Merit Criterion

#### Overall Assessment of Intellectual Merit

Excellent

#### Explanation to Applicant

Applicant's excellent academic record is supplemented by an impressive series of research opportunities. He has sought experiences that have allowed him to build his knowledge base and prepare for graduate research. The research has both a strong theoretical base and obvious management implications. Applicant has taken research from conception through presentation to submission for publication. The proposed research has clear hypotheses and a solid approach for addressing those hypotheses. Applicant has shown good leadership in both field research and outreach activities. The application is well written.

### Broader Impacts Criterion

#### Overall Assessment of Broader Impacts

Excellent

#### Explanation to Applicant

Proposed research has potential to contribute to our understanding of ecological systems. Work will also impact a broader community through several proposed outreach activities. Previous efforts to engage others (students, researchers, students as researchers) suggest that these activities will continue and influence a large audience.

## Score for Clark, Adam

### Intellectual Merit Criterion

#### Overall Assessment of Intellectual Merit

Very Good

#### Explanation to Applicant

This applicant has a strong record of previous research experiences which has given him a foundation for graduate studies and research. Additionally, one of these experiences has led to a publication in review - which is admirable in such a junior career.

The research proposed seems in the scope of what the applicant can accomplish, however, the proposed research could be written in such a way that the hypotheses are demonstrated to be clearly and specifically resolvable by the approach.

### Broader Impacts Criterion

#### Overall Assessment of Broader Impacts

Very Good

#### Explanation to Applicant

This applicant has a great potential for broader impacts that include providing opportunities for underprivileged citizens in an integrated research/education framework.

What would strengthen this proposal is more development on how this particular research would be of benefit to society at large. This is implicit in the study - but the application would be strengthened with a more explicit discussion of this.