

Rating sheets missing a required element will be returned to the panelist for completion.

NSF Graduate Research Fellowship Program  
**APPLICANT RATING SHEET**

Applicant: Yamada, Ryan

Panel: Physics 1 and Astronomy

**Intellectual Merit Criterion**

Demonstrated intellectual ability and other accepted requisites for scholarly scientific study, such as the ability (1) to plan and conduct research; (2) to work as a member of a team as well as independently; and (3) to interpret and communicate research findings.

Overall Assessment of Intellectual Merit  Excellent  Very Good  Good  Less Good  Fair

Mandatory - explain assessment to the applicant:

Please follow the guidelines for the Proposed Plan of Research. Useful to have references show me how your plan fits into what has already been done + why Brown Dwarfs are so notoriously difficult to get high precision RV's from. No discussion of problems obtaining requisite spectra of low mass objects and their analysis - and there are some to be sure!

**Broader Impacts Criterion**

Contributions that (1) effectively integrate research and education at all levels, infuse learning with the excitement of discovery, and assure that the findings and methods of research are communicated in a broad context and to a large audience; (2) encourage diversity, broaden opportunities, and enable the participation of all citizens--women and men, underrepresented minorities, and persons with disabilities--in science and research; (3) enhance scientific and technical understanding; and (4) benefit society.

Overall Assessment of Broader Impacts  Excellent  Very Good  Good  Less Good  Fair

Mandatory - explain assessment to the applicant: Some Ex of 1-4

Passioned statements about science + society and need to fund better life to minority communities  
Member of Soc. Hispanic Prof. Engineers -> mentored minority low income student.  
Considerable volunteer activity in minority + poor communities  
Presented paper at EU Conference on European Space Policy

Reviewer comments to the applicant on this rating sheet should be constructive and reflect the two NSF merit review criteria. Applicants will be able to view a copy of their rating sheets without the name of the reviewer on a secure web site. Maximum protection will be given