

Intellectual Merit Criterion

Overall Assessment of Intellectual Merit

Excellent

Explanation to Applicant

The applicant has excelled at all opportunities available to him, both in coursework and in independent research. He has been active in pursuing multiple research opportunities.

Broader Impacts Criterion

Overall Assessment of Broader Impacts

Excellent

Explanation to Applicant

The applicant has tremendous energy which he used to found or run a number of activities, including founding a math club at his undergraduate institution and organizing the graduate students combinatorics conference in 2020.

Summary Comments

The applicant actively seeks out opportunities to contribute to the mathematical community in ways that fulfill both the intellectual merit criterion and the broader impacts criterion.

Intellectual Merit Criterion

Overall Assessment of Intellectual Merit

Excellent

Explanation to Applicant

His research plan is very good and he has the necessary background to succeed with his goals.

Broader Impacts Criterion

Overall Assessment of Broader Impacts

Excellent

Explanation to Applicant

This applicant wants to make a difference and is truly interested in building a community as evidenced by his many outreach activities.

Summary Comments

This applicant took graduate level mathematics courses as a junior and did well. He has a great background that should enable him to be successful in his research.

Intellectual Merit Criterion

Overall Assessment of Intellectual Merit

Very Good

Explanation to Applicant

The applicant has a very strong academic background, including participation in the Budapest Semesters in Mathematics. He has been involved in several research projects, that have led to two refereed publications, and to two submitted articles. He has spoken at several meetings. The reference letters are very strong.

Broader Impacts Criterion

Overall Assessment of Broader Impacts

Excellent

Explanation to Applicant

The applicant was a founder of the math club at his undergraduate institution, and president for two years. As a graduate student, he organized two seminars, and co-founded and co-organizes a weekly-graduate student get-together (Banach Barski). He also serves on the Graduate Student Council. In addition, after participating in the Graduate Student Combinatorics Conference (GSCC), he successfully petitioned to host GSCC at his institution in 2020, and he is one of the main organizers for that conference. The applicant has demonstrated dedication to broader impact activities.

Summary Comments

Overall, an excellent application worthy of NSF fellowship support!