

Communicating your research statement

Regardless of the stage you're in, your fellowship application can benefit from clear communication of your research statement. The research statement communicates what you're proposing to do, how you'll do it, and which constraints or assumptions you'll be working under.

To motivate research statement draft creation, fill out the table below for each fellowship application. Note the funding organization priorities column will change across opportunities. An example is included in the first row.

Technical areas you find interesting	Personal motivations for pursuing research	Funding organization priorities
Remote sensing	Enabling efficient natural disaster response for remote communities	Effects of the space environment on satellite operations

To communicate what you're proposing to do, how you'll do it, and which constraints or assumptions you'll be working under in a clear and concise research statement, use the following format:

To...(what you'll do)...**by...**(how you'll do it)...**while...**(constraints / assumptions you'll consider).

An example research statement using the entries from the first row of the table above would be:

To enable efficient natural disaster response for remote communities **by** developing rapid response scheduling algorithms for remote sensing satellites **while** accounting for limitations to satellite operations imposed by the space environment.

Write your own draft research statement using your entries from the table above:

To

By

While

Iterate on your research statement as you delve deeper into the relevant literature.

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