SLMath Mentoring Guidelines

1) Establishing a Research Plan:

- Designated weekly meeting
- A discussion at the beginning of the semester on the project(s) the PD is pursuing and ideas on how to choose projects
- Introductions to senior researchers
- Advice on how to write a paper well (point to literature on this subject); give feedback on paper drafts
- Advice about publication (e.g. how quickly to publish a thesis, choosing and dealing with journals, etc.)
- NSF grant proposal writing; feedback on proposal drafts, from beginning to submission
- Assistance with forming reading or working groups at the beginning of the semester

2) Planning for Professional Development:

- Advice on writing a CV and research, teaching and EDI statements
- Advice on preparing for interviews
- Advice on how to give a good talk
- Critique talks given by the PD; also advise on giving talks at national meetings
- Discussion on how to address the various aspects of an academic career (proportion of research/teaching/service at various stages of one's career; etc.)

We will ask for a quarterly report from mentor and PD on their experience and progress addressing these points. The report will need to address the above points.