PIMS-UBC Info Session
on
Grant Opportunities

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NSERC Grants

Primary website: www.nserc-crsng.gc.ca

Discovery Grants Program:

http://www.nserc-crsng.gc.ca/Professors-Professeurs/Grants-Subs/DGIGP-PSIGP_eng.asp

Duration: 1-5 years (normally 5).

Forms and Deadlines

Form	Deadline
Form 180 (Notification of Intent to Apply for a Discovery Grant)	August 1
Form 100 (Personal Data Form)	November 1
Form 101 (Application for a Grant)	November 1

NSERC – Eligibility

- Tenured/Tenure-track faculty (not postdocs).

- Categories of applicants
  - **Early career researchers:** Applicants within 2 years of start date of their first eligible position at the university and who have no prior academic or non-academic independent research experience.
  - **Established researchers:** All other applicants.

- Grant Selection Committees (GSC) aim to support at least 50% of applications from early career researchers.

NSERC – Evaluation Process

- Researcher suggests potential referees in Form 180.
- GSC determines list of 5 external referees for each proposal. Usually includes 2-3 from list provided in Form 180.
- First 3 referees from GSC list are contacted. Other referees used as backup.
- External review followed by GSC evaluation.
- GSC consists of about 10 reviewers. Normally, each proposal gets an in-depth evaluation by 2 GSC members. **GSC members unlikely to be experts in the area of the proposal.**

Ref: Peer Review Manual, http://www.nserc-crsng.gc.ca/NSERC-CRSNG/Reviewers-Examinateurs/IntroPRManual-IntroManuelEP_eng.asp

NSERC – Evaluation Criteria

- **Scientific or Engineering Excellence of the Researcher(s)**
  - Knowledge, expertise and experience of the researcher(s)
  - Research accomplishments
- **Merit of the Proposal**
  - Originality and innovation
  - Significance and expected contributions to research
  - Clarity and scope of objectives
  - Feasibility (vis-a-vis applicant's expertise & proposed methodology)
- **Contribution to training of highly qualified personnel (HQP)**
  - Quality and extent of contributions during the last 6 years (undergraduate to postdoctoral levels)
  - Appropriateness of the proposal for training HQP

NSF Grants

Primary website: www.nsf.gov

Division of Mathematical Sciences (DMS):

http://www.nsf.gov/div/index.jsp?org=DMS

Application portal: https://www.fastlane.nsf.gov/

Duration: 3 years (normally).

Deadlines: Varying with subject area. See *Upcoming Due Dates* section of DMS site.

Grant Proposal Guide:

http://www.nsf.gov/pubs/policydocs/pappguide/nsf09_29/gpg_index.jsp

NSF – Eligibility

- Postdocs and tenured/tenure-track faculty

- All researchers placed on the same footing (no analogue of NSERC's Early Career Researchers).

NSF – Evaluation Process

- Proposal is submitted to the Disciplinary Research Program closest to the subject area (e.g., “Analysis”, “Mathematical Biology”. See DMS site for a list).
- Reviewers (3) selected by Program Officer for in-depth evaluation of grant proposal. **Reviewers likely to be specialists in the subject area of the proposal.**
- Panel review (10-15 members, including in-depth reviewers) to evaluate all proposals in the Disciplinary Research Program.

NSF – Evaluation Criteria

- **Intellectual Merit**
  - Importance of the proposed activity to advancing knowledge, within its own field and in related areas.
  - Qualifications of the researcher to conduct the proposed study.
  - Creativity and originality in the proposal.
  - How well conceived and organized is the proposed activity?
- **Broader Impact**
  - Does the activity advance discovery while promoting teaching, training and learning?
  - Does it enhance the infrastructure for research and education?
  - Mentoring activities.
  - Wider dissemination of results to enhance scientific understanding.