



NSF 10-064

Dear Colleague Letter: NSF Graduate Research Fellows Nordic Research Opportunity

National Science Foundation

**4201 Wilson Boulevard
Arlington, Virginia 22230**



NORDIC RESEARCH OPPORTUNITY

Credit: Astri Luihn (<http://www.astriluihn.com>); Bird: *Uria lomvia* ('penguin of the north')

Dear Colleague:

The Division of Graduate Education and the Office of International Science and Engineering announce an international research opportunity, available as a Supplemental Award, for NSF Graduate Research Fellows (GRFs) to enable Fellows to gain international research experience and establish collaborations with counterparts at Norwegian, Finnish or Danish research institutions. Through a pilot collaboration, the U.S. National Science Foundation, the [Research Council of Norway](#) (RCN), the [Academy of Finland and the Finnish Funding Agency for Technology and Innovation](#) (TEKES), and the [Danish National Research Foundation \(DNRF\)](#) will support research visits of between two and twelve months on a competitive basis. This international research opportunity is intended to enrich the GRF experience by exposing Fellows to leading Nordic scientists and institutions, thus enabling them to develop early-career collaborations with European research partners. Results are expected to expand opportunities for innovation and add an international dimension to GRF research projects. Interested Graduate Fellows studying at U.S. institutions are encouraged to contact potential Nordic host institutions for detailed information on current research activities at that site. Details for each participating country are provided below.

Norway

A list of potential host institutions in Norway may be found at:

http://www.forskningradet.no/servlet/Satellite?c=Informasjonstekst&cid=122406699392_4&p=1224066982949&pagename=internasjonale-stipend%2FHovedsidemal.

Proposed activities at Norwegian Centers of Excellence and Norwegian Centers for Research-based Innovation are strongly encouraged. Research visits of between three and twelve months will be supported. A mobility supplement of NOK 12,000 per month is provided by the Research Council of Norway (double rate for those bringing spouses or dependents; the request for spousal or dependent accommodation must be included in the application). According to the tax convention between the United States and Norway, income from the Norwegian supplement under this program will be exempt from Norwegian income tax.

Finland

A list of potential host institutions in Finland may be found at: <http://www.tekes.fi/NSFfellows>. For TEKES, Graduate Fellows are strongly encouraged to propose activities related to research projects funded by TEKES. For the Academy of Finland, research activities may be proposed at Centers of Excellence and with Academy Professors. Research visits of between three and twelve months will be supported. The Finnish host institutions are prepared to cover the Fellow's living costs, typically as salary, as well as the costs related to the research to be conducted in Finland. Salary paid by the Finnish organization will be subject to Finnish tax laws.

Denmark

A list of potential host institutions in Denmark may be found at: http://www.dg.dk/aktivitetercentredefault_eng.htm. Eligible host institutions are the DNRF Centers of

Excellence. Research visits of between two and twelve months will be supported. In Denmark, support for the visiting Fellow's research, education and additional living expenses will be provided by the Danish National Research Foundation through the Danish host institution. Anticipated support for additional living expenses will be approximately 9000 DKK per month.

SUPPLEMENT AWARD INFORMATION AND ALLOWABLE COSTS

Graduate Research Fellows on tenure selected for the Nordic research experience will continue to receive their GRF stipend from NSF through their home U.S. institution. Awardees will receive NSF supplements of \$5,000 U.S. to cover costs such as travel to and from Europe. The GRF stipend will be subject to U.S. tax laws. Fellows on reserve for any or all of the research experience period will not receive the GRF stipend while on reserve, but will be eligible to receive the NSF and Nordic supplements, including travel funds.

PROPOSAL DEADLINE

Supplement Request Deadline Date and Time: December 15, 2009, 5 p.m. submitter's local time. Announcement of supplement awards will be made in early April, 2010. Successful applicants may commence their research stay as early as June 1, 2010 by mutual consent with the Nordic host institution, and no later than December 1, 2010. The research visit must be completed by the dates posted on the Nordic host country website.

The anticipated timeline is as follows:

1. October 2009 – December 2009. Contact proposed host institution and secure a letter of collaboration that includes a plan for the stay in Norway, Finland, or Denmark, and a Biographical Sketch of the responsible professor/researcher at the host institution.
2. December 15, 2009. Deadline for receipt of a Nordic research opportunity supplemental funding request from the Graduate Research Fellow through FastLane, as a supplement to the host U.S. institution's GRFP award.
3. February, 2010. NSF panel review of supplemental funding requests.
4. March, 2010. Final review of supplemental funding requests by NSF and the Research Council of Norway (for applicants proposing to work in Norway), the Finnish Funding Agency for Technology and Innovation or the Academy of Finland (for applicants proposing to work in Finland), or the Danish National Research Foundation (for those proposing to work in Denmark).
5. April 3, 2010. Announcement of supplemental Nordic Research Opportunity awards.

All supplemental awards are subject to the availability of funds, review of the quality of proposals, and acceptance by the NSF and the RCN, TEKES, the Academy of Finland, or DNRF.

ELIGIBILITY REQUIREMENT

The Nordic Research Opportunity is open to all NSF Graduate Research Fellows who will be active Fellows (on tenure or reserve) at a U.S. institution during the period of time proposed for the research activity in Norway, Finland or Denmark.

INSTRUCTIONS FOR PREPARING SUPPLEMENT REQUESTS

Applications for supplemental funding to the Graduate Research Fellowship Program (GRFP) Nordic Research Opportunity are submitted by the PI of the GRFP institutional award via FastLane as a request for a supplement to the graduate institution's current GRFP award. Note that PI status is required for submission of supplement requests. Fellow access to FastLane (not the GRFP portion of FastLane) to upload text or complete sections of the proposal module will require the assistance of the GRFP Coordinating Official (CO), the student's faculty advisor, or the Office of Sponsored Projects at the institution.

The request must include the following elements:

1. Name of Fellow, Project Title, Proposed Nordic Host Institution, and Proposed Dates and Duration of Visit.
2. **Project Summary.** A one-page summary addressing the Intellectual Merit and Broader Impacts of the work to be accomplished in the time period proposed for study and research in Norway, Finland or Denmark.
3. **Project Description.** Limit: 5 pages. A concise, substantive summary of the proposed plan for research and general interaction between the Fellow and the proposed Nordic partners, including

justification for the length of the proposed time period for the international research visit, and the expected mutual scientific/engineering benefits to be derived from the project.

The Project Description must include: the research objectives and methodology of the proposed project, the rationale for selection of the host scientist and institution in Norway, Finland or Denmark, and details of the proposed collaboration. The Description must address the expected impact on the research career of the Fellow. The proposed start date and duration of the visit must be included and supported by the proposed plan for research and the description of the role of the Nordic institution/country in the graduate student's thesis and career objectives. A plan for dissemination of the results is also required, as is a description of the Broader Impacts of the proposed work.

4. **Budget and Budget Justification:**

The budget should consist of a \$5,000 request for Participant Support Costs. The Budget Justification should include a reference to airfare (estimated) and relocation costs (the remainder of the amount requested) for the project.

5. **Supplementary documents:**

- The Biographical Sketch of the Graduate Fellow applicant. Limit: 2 pages.
- A letter of endorsement from the U.S. faculty advisor of the student, describing the anticipated research benefits of the Nordic visit for the Fellow's graduate program and the anticipated impact on the Fellow's career. Limit: 2 pages.
- A letter of collaboration from the Nordic host scientist, describing the research opportunities and networking activities to be provided at the host institution. The letter must include a tentative plan for the research stay including research activities, seminars, courses for doctoral training (if any), and other relevant activities. Limit: 2 pages.
- The Biographical Sketch of the proposed Nordic host scientist. Limit: 2 pages.

PROPOSAL EVALUATION

Supplemental funding requests for this Nordic Research Opportunity will be reviewed by panels of disciplinary and interdisciplinary experts with international research experience, using the National Science Board approved merit review criteria of [Intellectual Merit](#) and [Broader Impacts](#). In addition, the following criteria will be used by reviewers and NSF staff in evaluating proposals:

- The potential for true intellectual collaboration with the Nordic research partner, engaging the expertise and specialized skills, facilities, and/or resources of the Nordic collaborator;
- The potential opportunities for effective research and career development for the Graduate Research Fellow applicant.

Final selection of awardees will depend on agreement between the NSF and the Research Council of Norway, NSF and the Finnish Funding Agency for Technology and Innovation or the Academy of Finland, or NSF and the Danish National Research Foundation.

EXPECTED DELIVERABLES

Within six months after completion of the visit to Norway, Finland or Denmark, Graduate Fellows are expected to submit a report through NSF FastLane that details the experience and accomplishments of the trip. This reporting requirement is in addition to any established by the Research Council of Norway, the Finnish Funding Agency for Technology and Innovation, the Academy of Finland, or the Danish National Research Foundation.

National Science Foundation Contact:

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