

Advanced Research Fellowships – 2005 Exercise

Closing Date: 12 noon, 11 November 2004

Introduction

The EPSRC offers up to forty Advanced Research Fellowships (ARFs) annually to enable outstanding, young researchers to devote themselves to full-time research, free from the burden of day-to-day academic duties. These are highly prestigious awards open to both outstanding young researchers and those already established in research careers.

Applications are now invited for the 2005 round of Advanced Research Fellowships.

Eligibility Criteria

Candidates should be within 10 years of completing their PhD by the time the award commences, with a minimum of 3 years post-doctoral experience. Applications are welcomed from candidates who wish to re-establish themselves in research after a career break or other period of absence from active research. An overriding requirement for older candidates is that they should have a substantial academic career ahead of them.

Assessment Criteria

The criteria used as part of the overall assessment process include:

- Intellectual ability of the candidate
- Quality and originality of the research proposed
- Qualities of the individual as an independent researcher
- Awareness of the broader context surrounding the proposed research
- Current standing within the international community
- Timeliness of the Fellowship
- Ability to plan and manage resources
- Ability to communicate to a generalist audience

Components of the Advanced Research Fellowship Award

Awards consist of three components – Fellow's salary, Fellowship Support Fund (FSF) and an optional research grant.

Salary

Previously, EPSRC restrained the salary levels for Advanced Research Fellowships with a wage-for-age policy. As of August 2004, the wage-for-age policy no longer applies. Therefore, funds can be requested at the current salary level or the anticipated salary level for the position. Salary costs include increments, national insurance and employer's superannuation contributions. Indirect costs are not payable. Full justification of the salary level must be provided in the case for support.

Fellowship Support Fund (FSF)

The Fellowship will include a Fellowship Support Fund (FSF), which is a fixed sum of £4,000 per annum over the period of the award. The use of the FSF, which is at

the discretion of the Fellow, will vary according to the nature of the research programme, but may include:

- small items of equipment e.g. computers
- travel and subsistence expenses e.g. visits to collaborators and conferences
- small amounts of research and technical effort e.g. an undergraduate student to work on a specific piece of work for a few weeks
- consumables e.g. chemicals, books, software
- contribution towards funding a student through the Doctoral Training Grants.

Optional Research Grant

If research costs are required over and above the Fellowship Support Fund, candidates have the option to request these in the optional research grant. Applicants can apply for costs to cover staff, travel and subsistence for the staff, consumables, exceptional items, equipment and access to services. The research grant can be for a maximum of three years in duration and there is no upper limit on the funds sought. Subsequent to gaining an award, Fellows are also eligible to apply for further research grants.

If research funding is required during the first 3 years of the Fellowship, then it is strongly recommended candidates apply for the optional research grant. ARF Panels are required to assess the quality of candidate and the resources necessary to sustain a research programme; the cost of the research grant is **not** a consideration in the assessment process.

GCHQ Quantum Information Processing Research Fellowship

In 2005, the GCHQ proposes to sponsor an EPSRC Advanced Research Fellowship to carry out a programme of experimental research to support the development of stable and controllable static qubits as building blocks for further quantum computation experiments. The successful Fellow will be expected to interact with the Interdisciplinary Research Collaboration (IRC) in Quantum Information Processing (www.qipirc.org). Candidates wishing to submit an application for this Fellowship should apply in the normal way, but include a covering letter stating that they want to be considered for this opportunity. These applications will be processed in the normal way and be assessed to the same standard as other Advanced Research Fellowships. GCHQ will support **one** high quality application which they feel best meets its interest.

Unsuccessful candidates for the GCHQ Fellowship, of an appropriate standard, will enter the general ARF competition at no disadvantage compared to other candidates.

Submission of Applications

Applications should be made on the Fellowship [Je-SFP1\(EPSRC\)](#) form and must arrive in the EPSRC office by the **12 noon, 11 November 2004**. Candidates wishing to apply for the optional research grant should also complete the research proposal [Je-SRP1 \(EPSRC\)](#) form. A single case for support should accompany both forms.

Applications should be sent to:

EPSRC
Polaris House
North Star Avenue
Swindon
Wiltshire
SN2 1ET

Further Information

Details of [how to apply for an Advanced Research Fellowship](#) along with the relevant application forms can be found on the EPSRC website.

For further information on the GCHQ QIP Research Fellowship please contact Dr Andrew Wright, Associate Programme Manager (Andrew.Wright@epsrc.ac.uk; 01793 444 121).

Enquiries

Any enquiries related to Advanced Research Fellowships should be directed to Dr Joanne Ross, University Interface Manager (Joanne.Ross@epsrc.ac.uk; Tel: 0115 940 1382).

Important Notice:

Submissions for European Young Investigator (EURYI) awards are also being sought by EPSRC. Candidates may apply for **both** an Advanced Research Fellowship and European Young Investigator (EURYI) award, but if they choose to do this, they should follow the guidelines in [How to Apply for both an Advanced Research Fellowship \(ARF\) and a European Young Investigator \(EURYI\) award](#). **Separate applications for both ARF and EURYI from a single candidate will not be accepted.**