



DOWNING COLLEGE CAMBRIDGE

The Governing Body of Downing College, Cambridge, invites applications for election to the following Research Fellowship.

Kim and Julianna Silverman Research Fellowship 2020

This Fellowship is open to postgraduates in Physical and Biological Natural Sciences, Engineering or Computer Science from any University. The competition is open to existing post-doctoral engineers and scientists who are able to demonstrate outstanding intellectual ability and a programme of activity with the potential to improve over time the lives of others. The successful candidate will have a background that encompasses and sometimes transcends traditional academic disciplines and will have the ability to communicate the importance and value of their work to all academic communities. As such this Fellowship is suited to applicants who can demonstrate outputs from their post-doctoral research.

This Fellowship may be held for a period of 3 years from 1 October 2020 at the earliest with renewal possible for a further 2 years. It will support research work in one or more of the University's Departments and as such applications must be supported by a statement from the Head of Department stating that access to space and facilities to support the applicant's research will be available for 3 years in the first instance. The Fellowship will be supported by a research costs fund of up to £10,000 p.a.

Following a panel review of all applications, a short list of candidates will be invited to take part in an interview process that will include a presentation of the candidate's research proposal to a wide range of academics, followed by a panel interview.

Anyone interested in applying for this Fellowship should note that the standard needed to progress to the later stages of the competition is high. Further information can be obtained from research-fellowship@dow.cam.ac.uk.

The successful applicant will become a Fellow of the College and will be entitled to all the rights and privileges of a Fellow. The new Research Fellow will be expected to become a member of the Governing Body of the College, participating in the governance and communal life of Downing College.

Applications and references must be submitted online by **12.00 noon** on **Thursday 19 March 2020** via the following link:

https://app.casc.cam.ac.uk/fas_live/silvermanrf.aspx

It is hoped that the Governing Body of the College will make the election as soon as possible after the interviews. The successful applicant must provide satisfactory evidence of eligibility to work in the UK. Applications are welcomed from a broad range of backgrounds.

Further particulars

The Kim and Julianna Silverman Fellowship is aimed at post-doctoral researchers with 1-3 years of post-doctoral experience who can demonstrate research output beyond their doctoral research. In addition to a CV and a list of publications and patents, the application requires a 4-page research statement that includes a description of your post-doctoral research, a 3-year research plan in enough detail that its feasibility can be assessed and a statement of the impact you expect this work to have. The successful candidates will have a background that encompasses and sometimes transcends traditional academic disciplines including, but not limited to, the following general research areas:

Chemical Engineering, Chemistry, Computer Science, Earth Sciences, Engineering, Materials Science, Mathematics, Physical Geography, Physics, Synthetic Biology.

General Terms

The stipend is £30,942 (step 39). This figure is reviewed annually and standard increments awarded during the coming academic year will be included before October 2020. A non-stipendiary Fellowship will be offered to the successful applicant if they already hold a funded research position.

All Fellows are entitled to seven meals a week in College, either lunch or dinner, at College expense. Other Fellowship benefits include an academic expenses allowance of £550 per annum and a Fund administered by five senior Fellows to which application can be made for further help with academic and conference expenses. The successful applicant is also eligible to receive the College's benefit package, including membership of USS and subsidised membership of the College's health and dental schemes.

Kim and Julianna Silverman Research Fellowship

The successful candidate will have a background that encompasses and sometimes transcends traditional academic disciplines but is likely to be within the following areas:

Chemical Engineering
Chemistry
Computer Science
Earth Sciences
Engineering
Materials Science & Metallurgy
Mathematics
Physical Geography
Physics
Synthetic Biology