

DPhil studentship in Organic Luminescent Materials

Title: Solving Near-Infrared Triplet Harvesting

Supervisor: Dr Daniel G. Congrave

Start date: 1st October 2025

Applications are invited for a **DPhil studentship** in **Synthetic and Physical Organic Chemistry** available from October 2025, to work under the supervision of **Dr Daniel Congrave** in the Department of Chemistry at the University of Oxford.

The studentship will cover course fees at a Home rate and provide a stipend of no less than the standard UK Research Council rate (currently set at £19,237 p.a.) for 4 years.

Please note the eligibility criteria set out by the UKRI at: <https://www.ukri.org/what-we-do/developing-people-and-skills/esrc/funding-for-postgraduate-training-and-development/eligibility-for-studentship-funding/>

The research is interdisciplinary and will encompass the design, synthesis and investigation of new luminescent organic materials. The aim is to make fundamental progress to facilitate a new generation of materials with implications in a wide range of applications, particularly optoelectronics (e.g. solar panels, sensing and displays).

Dr Daniel Congrave can be contacted for further information: dan.congrave@chem.ox.ac.uk

Candidates with a first-class or strong upper second-class undergraduate degree in Chemistry are encouraged to apply. The candidates are expected to be strongly committed to research and have demonstrated the ability to independently learn new skills. Experience in synthetic chemistry is highly desirable. The successful applicants will be based in the Chemistry Research Laboratory, Oxford.

Candidates should submit a formal application for DPhil in Chemistry via the Oxford online application system:

<https://www.ox.ac.uk/admissions/graduate/applying-to-oxford>

<https://www.ox.ac.uk/admissions/graduate/courses/dphil-chemistry>

Please quote **DGC/Chem/2025** under 'Departmental Studentship Applications'.

Application deadline: **12.00 noon UK time on Wednesday 29th January 2024**

Queries relating to the application and admission process should be directed to: graduate.admissions@chem.ox.ac.uk ; tel.: +44 (0) 1865 272569.

The Department of Chemistry holds the Athena SWAN Silver Award and the Congrave group is dedicated to promoting diversity, equality and inclusion.