Accreditation and Careers
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International Student Research Bursary 2024 – List of interested supervisors from UK & Ireland.
It is the responsibility of the student to find a host supervisor. Below is a list of the UK or Ireland based researchers who have expressed an interest in hosting a student. Please feel free to contact them directly if any of their projects are of interest. If you have different interests feel free to pursue those and contact other potential supervisors not on this list.

Supervisor name	Supervisor university	Supervisor email address	Project area or interests
Dr Amit Kumar	University of St Andrews	ak336@st-andrews.ac.uk	Research focuses on the area of green homogeneous catalysis and polymer chemistry. In particular, working on the synthesis of renewable polymers, plastic recycling, development of new hydrogen storage materials and transforming CO2 to useful chemicals.
Dr Julia Payne	University of St Andrews	jlp8@st-andrews.ac.uk	Research focusses on materials with applications in either batteries or photovoltaics.
Dr Lee Higham	Newcastle University	lee.higham@newcastle.ac.uk	Research focusses on asymmetric catalysis, biomedical imaging and materials using phosphorus chemistry.
Dr David Nelson	University of Strathclyde	david.nelson@strath.ac.uk	Projects are available in the broad area of nickel catalysis and/or nickel organometallic chemistry. These could involve working on catalytic reactions for synthetic organic chemistry, the synthesis of new nickel complexes, mechanistic studies of the reactions of nickel, or computational chemistry to probe reactivity, structure, and bonding in relevant systems.
Dr Rob Evans	Aston University	r.evans2@aston.ac.uk	Research focusses on Nuclear Magnetic Resonance (NMR) to solve chemical and engineering problems. Recent projects include: *improving the quantitative interpretation of small molecule diffusion coefficients. *NMR analysis of fuel samples, such as biofuel and asphaltenes. *NMR analysis of layered or separated samples
Dr Stephen Worrall	Aston University	s.worrall@aston.ac.uk	Research focusses on synthesis and applications of metal-organic frameworks and 2D nanomaterials.
Dr Mauricio Cafiero	University of Reading	m.cafiero@reading.ac.uk	Research focusses on using computational chemistry to design novel compounds that may be used as treatments for Parkinson's Disease (PD).
Dr Sebastian Sprick	University of Strathclyde	sebastian.sprick@strath.ac.uk	Research project on 3D printing of photocatalysts for applications in sustainability.
Dr Ricardo Grau-Crespo	University of Reading	r.grau-crespo@reading.ac.uk	Research focuses on Computational Chemistry (modelling materials for energy applications using a combination of quantum chemistry and machine learning).

Christopher Murnaghan	Queens University Belfast	C.Murnaghan@qub.ac.uk	Research interests include biomass conversion by photocatalytic and enzymatic methods as well as the field of photochemistry for synthetic methodology and generating C-C bonds through the generation of phenyl cation intermediate species.
Dr Bhaven Patel	London Metropolitan University	b.patel1@londonmet.ac.uk	Research project on design and synthesis of pyrrolo[1,2- a]quinoxaline derivatives as potential therapeutical agents for COVID-19
Dr James Cooper	University of Reading	james.cooper@reading.ac.uk	Research has a particular focus on the chemistry that occurs around and within membranes and lipid bilayers and falls into two broad categories: Mechanically interlocked materials and networks and Stimuli-responsive transmembrane transporters.
Dr Brenda Long	University College Cork	brenda.long@ucc.ie	Project in the area of the chemical functionalization of Si for monolayer doping.