

Horizon 2020 Marie Skłodowska-Curie Actions Individual Fellowships Call – Expression of Interest

Organisation Details	<i>School of Chemistry, Trinity College Dublin, Dublin, Ireland</i> www.tcd.ie	
Organisation Type	<input checked="" type="checkbox"/> Academic <input type="checkbox"/> Large Enterprise <input type="checkbox"/> SME <input type="checkbox"/> Public Research Organisation	<input type="checkbox"/> Public Body <input type="checkbox"/> NGO <input type="checkbox"/> Non-Profit <input type="checkbox"/> Other (please specify) <hr/>
Research Field(s)	<input checked="" type="checkbox"/> Chemistry CHE <input type="checkbox"/> Social and Human Sciences SOC <input type="checkbox"/> Economic Sciences ECO <input type="checkbox"/> Information Science and Engineering ENG <input type="checkbox"/> Environment and Geosciences ENV <input type="checkbox"/> Life Sciences LIF <input type="checkbox"/> Mathematics MAT <input type="checkbox"/> Physics PHY	Keywords: <i>Surface Chemistry, Synthetic Organic Chemistry, Nanochemistry, Bioorganic Chemistry, Crystallography, Medicinal Chemistry</i>
Short Description of the Organisation and the Faculty/Dept./School/Centre	<i>Founded in 1592, Trinity College Dublin is recognized internationally as Ireland's premier university. It ranked 78th in the world and amongst the top 50 European universities (27th) in the QS World University Rankings 2015/16. The School of Chemistry has an active research programme across many fields of Chemistry and has a track record in hosting Marie Curie awards.</i>	
Short Description of the Research Project/Topic	<i>We seek applicants with experience in the following topics:</i> <ul style="list-style-type: none"> <i>Surface Chemistry: Self-organized tetrapyrrole nanostructures with defined function</i> <i>Synthetic Organic Chemistry: Methods development of tetrapyrrole chemistry for biooptical applications; organometallic chemistry of sp³ centers; triptycenes as</i> 	

	<p><i>scaffold materials with large internal free volume</i></p> <ul style="list-style-type: none"> • <i>Synthetic Organic Chemistry Synthetic methods development for cubanes as bioisosters</i> • <i>Nanochemistry: Synthesis of pi-extended molecules for functional graphene derivatives</i> • <i>Bioorganic Chemistry: Synthesis and structural characterization of conformationally designed porphyrins as models for cytochrome P450 cofactor control in nature</i> • <i>Crystallography: Structure-function correlations in sterically strained heteroaromatic systems</i> • <i>Medicinal Chemistry: Photodynamic Therapy</i>
Expertise required by the applicant	<p><i>Minimum PhD and 2 years postdoctoral experience. Must have published in one of the areas outlined above.</i></p>
Career development support offered to fellows	<p><i>The Staff Development office deliver targeted training and development courses covering a variety of different topics, including communication skills, presentation skills and time management. These courses help to ensure that the College experience is not just about formalised research but aims to assist the development of complementary skills. .</i></p>
Application procedure	<p><i>Applicants should supply a cover letter and CV, including prior research experience and full publication details to the email below.</i></p>
Contact Person	<p><i>Dr Claire McKenna, Research Programme Officer</i> claire.mckenna@tcd.ie </p>

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