

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

Organisation Details	<i>Boston Scientific Limited Galway, Ireland www.bostonscientific.com</i>	
Organisation Type	<input type="checkbox"/> Academic <input checked="" 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 (<i>please specify</i>) <hr/>
Research Field(s)	<input type="checkbox"/> Chemistry CHE <input type="checkbox"/> Social and Human Sciences SOC <input type="checkbox"/> Economic Sciences ECO <input checked="" type="checkbox"/> Information Science and Engineering ENG <input type="checkbox"/> Environment and Geosciences ENV <input checked="" type="checkbox"/> Life Sciences LIF <input type="checkbox"/> Mathematics MAT <input checked="" type="checkbox"/> Physics PHY	Keywords:
Short Description of the Organisation and the Faculty/Dept./School/Centre	<p><i>Boston Scientific Corporation is a leading innovator of products and technologies used to diagnose or treat a wide range of medical conditions, including heart, digestive, pulmonary, vascular, urological, pelvic health, neurological and chronic pain conditions.</i></p> <p><i>Key facts:</i> <i>Approx. 24,000 employees worldwide</i> <i>Sales force in 40+ countries</i> <i>12 manufacturing facilities worldwide</i> <i>Approx. \$1 billion invested in R&D (2015)</i> <i>\$7.4 billion revenue (2015)</i></p> <p><i>In Ireland, the Galway site is the largest facility in Boston Scientific, and has R&D and manufacturing functions. It was established in 1994 and manufactures 45 different products supporting €1b revenue.</i></p> <p><i>The Galway site has been involved in the design and development of drug eluting products such as the TAXUS stent, Promus Element stent, and the Synergy stent (Bio absorbable coating) as well as many balloon catheters and other non-vascular stents. Recently the Galway site has taken part in the development and commercialization of a Trans-arterial Aortic Valve device and is continuing this development for next generation valves.</i></p> <p><i>The successful applicant will be assigned at the Galway site to the Corporate Research organisation.</i></p>	
Short Description of the	Research Area's:	

Research Project/Topic	<ol style="list-style-type: none"> 1. <i>Structural Heart/Cardiology devices, therapies, and diagnostics.</i> 2. <i>Digital health (Biosensors and data analytics)</i> 3. <i>Endoscopic devices, therapies, and diagnostics, GI and Pulmonary.</i> 4. <i>Biomaterials – polymers/metals/coatings</i>
Expertise required by the applicant	<i>Ph.D. level with several years' experience in a Research position. Experience with medical device development or Biomedical engineering is preferred</i>
Career development support offered to fellows	<p><i>Boston Scientific has a fully implemented Learning Management System that has a wide variety of training curriculum. Highlights are:</i></p> <ul style="list-style-type: none"> • <i>Product lifecycle processes and procedures</i> • <i>Medical device use training</i> • <i>Individual development and leadership training</i> • <i>Career development tools</i> <p><i>Other supports offered are different site visits to meet different Subject Matter Experts and engage with a large variety of product and technology development projects</i></p>
Application procedure	<i>Please provide CV including list of Publications, Patents, and details of what the applicant would like to gain from the Fellowship</i>
Contact Person	<i>Dr. Aiden Flanagan flanagaa@bsci.com</i>

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