







Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin



**Laidlaw Undergraduate
Leadership and Research Programme
2022 Scholars**




Laidlaw Scholar	Programme	Research Project Title	Supervisor(s)
<p>Oliwia Borek</p> 	PPES (Political Science and Economics)	The Role of Electoral Saliency in Expatriate Voter Mobilisation	Dr Jacqueline Hayden
<p>Mia Brzakovic</p> 	Bioengineering	Comparative biomechanical analysis of knee injuries in skiing and snowboarding using Artificial Intelligence 3D modelling	Dr Ciaran Simms
<p>Ila Burkett</p> 	Philosophy, Political Science, Economics and Sociology (PPES)	How have policy changes surrounding the safety of women, specifically the presence of the Istanbul Convention, affected femicides in Turkey?	Dr Gizem Arikan
<p>Mairéad Butler</p> 	European Studies (German and Spanish)	Women as Survivors of Civil War Violence: A Comparative Study of Ireland and Spain	Dr Catherine Barbour / Dr Francisco Leira-Castiñeira

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<p>Evan Carron-Kee</p> 	PPES (Political Science, Economics, and Sociology)	Does personality matter for assessed grades?	Dr Yekaterina Chzhen / Dr Kristin Hadfield
<p>Sinéad Crowley</p> 	Management Science and Information Systems Studies	An Investigation into the impact of COVID-19 on the Irish Health Care System pertaining to outpatients with chronic illnesses	Dr Mary Hughes
<p>Peter Dowling</p> 	Engineering	Bioremediation of Microplastics in Irish Farm soils	Dr Liwen Xiao
<p>Tim Farrelly</p> 	Engineering (Computer Engineering)	Developing An Empathy Mechanism for Multi-Agent Deep Reinforcement Learning	Dr Ivana Dusparic / Dr Stuart Armstrong

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<p>Triyaa Gulati</p> 	Chemical Sciences	An exploration of micrometeorites on the rooftops of Dublin	Dr Lewys Jones
<p>Hannah Kerrigan</p> 	Theoretical Physics	Computational Analysis of Seismic Noise Caused by Wind Gusts	Dr Biswajit Basu
<p>Martha McKinney-Perry</p> 	Law and Political Science	Russia's Long Shadow: A Comparative Analysis of Russian Military and Political Interference in Post-Soviet States	Dr Noah Buckley
<p>Mihai Mesteru</p> 	Engineering (Electronic Engineering)	Revisiting the Rectifier: A More Efficient Approach to Modern Electricity Supply	Dr Declan O'Loughlin

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<p>Emran Yasser Moustafa</p> 	Engineering	Investigating the Use of Field-Programmable Gate Arrays (FGPAs) for Object Detection in High-Speed Autonomous Navigation	Dr Shreejith Shanker
<p>Karl Nicholson</p> 	Physical Sciences	Feasibility study of the use of I-LOFAR radio astronomy to analyse and predict solar weather	Dr Evan Keane
<p>Adam Ó Ceallaigh</p> 	Political Science and Geography	A New Sense of Home: A study into Ireland's approach to the distribution and integration of asylum seekers after they leave the direct provision system	Dr Immanuel Darkwa
<p>Peter O'Flynn</p> 	Engineering (Electronic Engineering)	To investigate the impact of antenna design on radar-based breast image quality	Dr Declan O'Loughlin

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<p>Beatrice Pistola</p> 	Middle Eastern Jewish and Islamic Civilisations	The impact of Covid-19 on the 'European dream' of Syrian and Palestinian refugees in Lebanon	Dr Rachel Hoare / Dr Tylor Brand
<p>Luke Rabbitte</p> 	CLSS (Computer Science and French)	An Evaluation of the Information Landscape Surrounding Third-Level Study in Ireland	Dr Ailbhe Ní Chasaide
<p>Ananya Sanagavaram</p> 	Medicine	Exploring attitudes and perceived need for novel neuromodulatory approaches to address cognitive impairment in people with Parkinson's disease	Dr Iracema Leroi / Dr Sven Vanneste
<p>Sarah Tobin McGovern</p> 	Theoretical Physics	Exotic Matter: What can we understand about exotic states of matter and their properties under the strong interaction?	Dr Sinéad Ryan

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<p>Oscar Toomey</p> 	<p>Engineering (Electronic and Computer Engineering)</p>	<p>Improving Incremental Structure-from-Motion Efficiency and Performance with Physical Sensor Data</p>	<p>Dr Ciarán Mc Goldrick</p>
<p>Sarah Waicus</p> 	<p>Medicine</p>	<p>Diagnosis of obstructive sleep apnoea using home sleep polygraphy testing compared to in-laboratory polysomnography during COVID-19: A retrospective chart review</p>	<p>Dr Eddie Moloney</p>
<p>Francis Wolfe</p> 	<p>PPES (Philosophy, Political Science, and Economics)</p>	<p>Can an 'interactional' account of philosophical human rights be a tool for attributing responsibility for global structural injustice?</p>	<p>Dr Adina Preda</p>