












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






**Laidlaw Undergraduate
Leadership and Research Programme
2024 Scholars**




Laidlaw Scholar	Programme	Research Project Title	Supervisor(s)
<p>Abo Obhakhan</p> 	Biological and Biomedical Sciences	Acute systemic inflammation disrupts Brain Barriers and cognitive function in a mouse model of Alzheimer's Disease	Dr. Colm Cunningham
<p>Aoibheann Kearins</p> 	Physical Sciences Single Pathway	An Investigation into Scientific Authority in Colonised Ireland	Dr. Alison Fernandes
<p>Clara Tobin</p> 	English Studies Single Pathway	From influence to legacy: locating the 'Erthe upon Erthe' and 'Whoo so hym be thowgh' poems in publications available to William Shakespeare between 1531 and 1616	Prof. Andrew Murphy
<p>Conor Murphy</p> 	Theoretical Physics Single Pathway	Size dependence of resistive switching ratio in two-dimensional MoS2 memristors	Prof. Hongzhou Zhang
<p>Conor Dubh</p> 	History and Political Science Joint Honours	The integration of refugee youth in Ireland and Finland: a comparative study of the challenges and solutions as perceived by the professionals who support them	Dr. Rachel Hoare

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<p>Dhruv Ranajit Choudhury</p> 	<p>Computer Science MAJ and Business MIN</p>	<p>Utilising Homomorphic Encryption with Smart Contracts to Develop a Quantum-Safe Privacy-Preserving Federated Learning Model for Healthcare Applications</p>	<p>Dr. Hitesh Tewari and Dr. Swati Kumari</p>
<p>Eavan O'Keeffe</p> 	<p>English Studies MAJ & Linguistics MIN</p>	<p>Myths of Language: The Construction of the (Old) English Nation through the Monolingual Paradigm and its Significance in Understanding Anti-Immigrant Sentiment</p>	<p>Dr Mark Faulkner and Dr Charlie Kerrigan</p>
<p>Eniola Oluymeyan</p> 	<p>Computer Science MAJ and Business MIN</p>	<p>Investigating the utilisation of Field-Programmable Gate Arrays (FPGA) Camera-Based approach for Neonatal Jaundice detection</p>	<p>Dr Philippos Papaphilippou and Dr Subrahmanyam Murala</p>
<p>Eve Townsley</p> 	<p>Middle Eastern and European Languages and Cultures Single Pathway</p>	<p>The challenges facing Vergangenheitsbewältigung in modern Germany: Muslim immigration and rising antisemitism</p>	<p>Dr Zuleika Rodgers</p>

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<p>Finn Kelly McHugh</p> 	Biological and Biomedical Sciences	Community co-creation: understanding and supporting community biodiversity groups.	Dr. Marcus Collier
<p>Freddie Fallon</p> 	Environmental Science and Engineering Single Pathway	Exploring the relationship between soil compaction and plant biodiversity in green spaces along the urbanisation gradient	Dr. Marcus Collier
<p>Froya Mostue-Thomas</p> 	Social Studies Single Pathway	The Misconstrued Woman: An exploration into the ways women encountering homelessness in Dublin experience societal perceptions	Dr. Joe Whelan
<p>Grace Carthy</p> 	Business MAJ and Economics MIN	Testing the Utility Value Theory	Dr Aibhin Bray

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<p>Jane Emmins</p> 	English Studies MAJ & Linguistics MIN	‘Place, space, and utopia in the literature of Fire Island 1940-2000.’	Prof. Stephen Matterson and Dr Dara Downey
<p>Jemma Stubington</p> 	Business MAJ and Economics MIN	Certiably Sustainable, the Fashion Industry and Affordability for the Mass Market	Dr. David Horan
<p>Leo Schwartz</p> 	Psychology Single Pathway	Unravelling Age-Related Dynamics of Facial Recognition	Prof. Redmond O'Connell
<p>Nora Mulvehill</p> 	History of Art & Architecture MAJ and History MIN	Negotiating Privacy: The Design of Sapphic Domestic Spaces in Early 20th Century Dublin	Dr Timothy Stott
<p>Rachel O'Kelly</p> 	Philosophy MAJ & Religion MIN	Exploring the impacts of intentional Intergenerational Activity between older and younger generations in an Irish Context	Dr Philomena Mullen

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<p>Roberta Trimonytė</p> 	Biological and Biomedical Sciences	Investigating the influence of NOX2 inhibition selectivity on the metabolic rewiring of pro-inflammatory microglia following traumatic brain injury	Prof. David J. Loane
<p>Ros McAdden</p> 	Ancient and Medieval History and Culture Single Pathway	Late Devensian glaciation and its influence on medieval urban development in the Irish midlands	Dr Francis Ludlow and Dr Mark Hennessy
<p>Samuel Zen Kai Yap</p> 	Medicine	Investigation of the In-Vitro Activity of Olorofim-based Combined Antifungal Therapy using a DHODH-tet on Mutant for the Treatment of Invasive Aspergillosis	Prof. Johannes Wagener

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<p>Saoirse Winters</p> 	<p>Geography and Geoscience Single Pathway</p>	<p>Investigating how trace concentrations of fluorine impact the growth of the most important carbonate biomineral, calcite</p>	<p>Dr. Juan Diego Roderiguez-Blanco</p>
<p>Svit Pestotnik Stres</p> 	<p>Medicine</p>	<p>Evaluating social cognition in cervical dystonia using electroencephalography</p>	<p>Prof. Richard Reilly</p>
<p>Zoe Gardiner</p> 	<p>Medicine</p>	<p>Exploiting the relationship between LPS and capsule for therapeutic benefit against E.coli UTI and sepsis</p>	<p>Dr. Julie Renwick and Dr. Naoise McGarry</p>