

Press Release

Announcing the Worshipful Company of Constructors Scholars for 2021

The Worshipful Company of Constructors is delighted to introduce the successful applicants for the Sir Ian Dixon Scholarships, Sustainability Scholarships for 2021 and International Researcher Award. Congratulations to our new scholars for 2021!

Sir Ian Dixon Scholarships

Claire Mullan, Chief Engineer at Sir Robert McAlpine Ltd.

Claire's research title is 'Engaging Men as Agents of Change to Achieve Gender Equality in the Construction Industry.'

Jamie Tong, Apprentice Building Services Engineer at Sir Robert McAlpine Ltd.

Jamie's research title is 'Technology Lag in the Construction Sector with Particular Focus on Building Services'.

Sustainability Scholarships

Megan Haslam, Façade Manager at Sir Robert McAlpine Ltd.

Megan's research title is 'Improving Biodiversity via the Construction Sector.'

Martha Godina, Structural Engineer at Elliot Wood

Martha's research title is 'Re-use Potential of Structural Materials in Existing Buildings.'

International Researcher Award

Jenny George, Sustainability Consultant at Brantones Ltd.

Jenny's research title is 'Improving Donor Impact on Humanitarian Shelter Projects.'

Our invitation to you to hear from our 2020 Scholars:

We will be hosting two virtual events featuring our **2020** scholar's presentations via Zoom that are open to all construction-related Livery Companies and their guests.

Our first virtual event will be for the **2020 Sir Ian Dixon Scholarship** on February 10th at 6:00 pm. The event will be approx. 1.5 hours in length and will have presentations by our two scholars, Mackenzie Thompson, and Eugene Healy.

Mackenzie Thompson will be presenting on her research title: '**A Building for the Builders, what is the Value of the Welfare Facility?**'

'The welfare facility has been a long-overlooked aspect of the construction site. A vital area for workers to rest and relax but lacking innovative ideas. This study questions what happens when we do pay attention to the welfare facility. The aim is to increase awareness of this architectural typology and to assess its value. The findings demonstrate that good welfare facilities benefit the site-worker, contractor and client. The welfare facility is a tool to improve morale, productivity and well-being. In the construction industry, individuals need to take more responsibility for welfare facilities. This responsibility is not only in provision but in maintenance. When a company is looking at best practice, the welfare facility should be considered an investment area.'

Eugene Healy will be presenting on his research title: '*How Designers can Best Support the Construction Industry to Efficiently and Effectively Design and Deliver the Best Value Outcomes for Infrastructure Clients.*'

'Delivering high-quality infrastructure is a priority for the UK Government. It underpins productivity, competitiveness and the quality of life for the UK's population. Furthermore, if these projects are correctly designed, they can create value that goes beyond their core function and have the potential to positively transform our cities, environments and deliver a significant improvement in our everyday lives. The research aims to examine the design process for large scale infrastructure projects and how stakeholders, designer and contractors can collaborate to deliver the best value outcomes. It outlines the wider environmental, economic and social value which large scale infrastructure projects can deliver. Through desktop analysis of current practice, it investigates the processes whereby a broad range of stakeholder requirements is developed into a brief and delivered through to construction. In doing so, it identifies emerging themes which serve to prevent the full value of infrastructure being realised.'

The link to join the presentation on February 10th at 6:00 pm is:

<https://www.eventbrite.co.uk/e/sustainability-scholarships-2021-presentation-evening-tickets-136618673129>

Our second virtual event will be for the **2020 Sustainability Scholarships** on February 24th at 6:00 pm. The event will be approx. 1.5 hours in length and will have presentations by our two scholars, Alex Roberts and Safak Muslu.

Alex Roberts will be presenting on his research title: '*How can the Construction Sector be a Catalyst for Net Zero Carbon? A Focus on the Clients.*'

'The built environment contributes around 40% of the UK's carbon emissions through construction, operation, and maintenance. Construction will play a crucial part in achieving a net-zero carbon economy by 2050 – new construction must support the achievement of this target and not be adding to the carbon problem. This research project aims to identify the motivations of construction clients in relation to net-zero carbon and identify how the transition to a net-zero carbon construction sector can be sped up, from the perspective of clients. We explore the motivators for change and outline five lessons to speed up the transition to a net-zero carbon construction sector. The findings are the result of a literature review, semi-structured interviews and thematic analysis carried out with construction clients and their advisors.'

Safak Muslu will be presenting on his research title: '*A Designer Toolkit for Implementing Circular Economy Principles to UK Infrastructure.*'

'Circular Economy in construction is a concept that aims to reverse the current 'take – make – waste' model and incentivize value-driven, recovery and regenerative thinking into the design and management of projects. This report investigates the impact of Circular Economy principles to promote sustainable development into the design and management of infrastructure projects in the UK. Engineers today have a lack of practical tools to measure circularity that will then enable optimum material selection. Focusing on the Circular Economy of solutions will lead to designing out waste and pollution, integrating a closed-loop approach that utilises the products value and enables the regeneration of natural systems.'

The link to join the presentation on February 24th at 6:00 pm is:

<https://www.eventbrite.co.uk/e/sustainability-scholarships-2021-presentation-evening-tickets-136618673129>

The Worshipful Company of Constructors look forward to welcoming you and your guests to these two insightful presentations, and hope that you'll be able to join us from the comfort of your own homes via Zoom.

For any further inquiries, please contact:

Constructors Clerk, Kim Tyrrell

constructorsclerk@constructorscompany.co.uk