GRADUATE SCHOOL 3MT COMPETITION 5th June 2019

Welcome!

The 3MT competition is an international phenomenon, giving doctoral students a chance to communicate the importance of their research beyond their disciplines and their peers -- in three minutes, with no notes and with only one slide.

This is the first Graduate School-wide competition at the University, and we warmly welcome you all. Do take note of the contestants' names and the running order, as you will be asked to cast your own vote for the People's Choice Award! The running order is set out below where you will find some more information about our contestants.

We hope you enjoy the event. Please turn off mobile phones before the event starts. Visual and sound recording is not permitted.

Please note that the event is being filmed. Your consideration and co-operation is appreciated.

Programme

Welcome from Professor Leigh Wilson, GS Director

Audience warm-up and introductions by our MCs, Rach Maggs and Andrew Halfacre.

Presentations by the contestants as follows:

1. Deepika Dua

2. Megan Sharkey

3. Zain Aziz

4. Mahmoud Aldraimli

5. Penny Clark

6. Kobina Bedu-Addo

7. Mamfe-ter Gemade

Interval and refreshments (45 mins): You now have the opportunity to vote for your favourite presentation. *Please cast your vote when leaving the room*. *Ballot boxes will be provided*.

Afternoon tea will be served in Room 152.

Our team will let you know when the judges' deliberations are complete and the audience votes have been counted and verified. Reconvene in UG05.

Awards and winners announced by the PVC for Research and Chair of the Judging Panel, Professor Andrew Linn.

> *AN 80,000 WORD THESIS WOULD TAKE 9 HOURS TO PRESENT. THEIR TIME LIMIT.... 3 MINUTES.*

MEET THE CONTESTANTS

Deepika Dua

I'm a second year PhD student. I am interested in finding out how some new companies are disrupting the ones who have been established for years. Several companies are facing challenges, even after implementing the best technologies to manage their business applications, and a large number of businesses are closing every day. It's believed that this is due to disruptive technologies like cloud computing, Internet of Things and Artificial Intelligence etc.

I believe it is due to lack of planning of the business processes while introducing new technologies. It's very important for businesses to re-examine their business models and understand how the adoption of these technologies influence their businesses. Therefore, I am creating a framework that manages business models while implementing disruptive technologies which will help businesses to maintain their sustainability and not be disrupted by rapid change.

Megan Sharkey

I'm a 3rd year PhD student with research interests in infrastructure, socio-technical transitions, city sustainability and communities. The 3MT competition offers an opportunity for reflection on my research, its impact for society, and a chance to get better at time management!

Having spent the last 10 years working with governments, businesses, and communities, I was frustrated with how slow sustainable infrastructure transitions were. My PhD offered me the opportunity to delve deeper into this and develop actions for the future.

Zain Aziz

I'm a third year PhD student within the School of Life Sciences undertaking a PhD in the area of Biotechnology. I've always understood the importance of trying to engage the public with your research, as the more people are aware of your work the more impact it will have.

The 3MT competition has given me the opportunity to explore this, to practise how to communicate with people from outside my field and to learn how to do so in a succinct manner. Ultimately, I hope that I'll be able to develop as a researcher throughout this competition, and improve my communication and presentation skills, which are valuable regardless of what field of study you are in.

Mahmoud Aldraimli

I joined the University of Westminster in September 2017 as a PhD student in Health Data Science and Machine Learning funded by a Quintin Hogg Trust scholarship and supported by the Health Innovation Ecosystem.

I am part of the Health & Social Care Modelling Group within the School of Computer Science and Engineering and an associate member of the Cancer Research Group within the School of Life Sciences, investigating how Artificial Intelligence and Big Data can be leveraged to predict breast cancer occurrence using data obtained from the UK Biobank.

I am also part of the UK STFC-funded Radiotherapy Machine Learning Network, based at the University of Manchester, leading a small group of experts working together on the application of Machine Learning to predict radiotherapy toxicity in cancer patients.

Penny Clark

I'm a second year PhD student. My research explores environmental sustainability practices in cohousing and co-living communities, which are types of community housing.

My research interests include environmental sustainability, intentional communities, group dynamics and processes of change.

I was inspired to take part in the 3MT because watching a 3MT talk was what first sparked my interest in research!

Kobina Bedu-Addo

I'm a first year PhD student. My project is on Media and Communication Policy and Regulation and I became interested in this area of Media Studies from both working in and also teaching media courses.

What has driven me to this is my view that the current media and communication policies and regulatory architecture in Ghana, where I come from, does not serve our democracy and people well.

I hope my PhD helps me understand why this is so, and what can and should be done about it. I joined the 3MT competition for perhaps selfish reasons, to get some free professional training in how to present complex ideas better! I have already learnt a lot!

Mamfe-ter Gemade

I'm a second year PhD researcher. My research is on Adult Deep Learning Using Serious Games and it is focused on developing a unique gaming framework that can help adults learn more efficiently and effectively than traditional learning models.

My research interests revolve around gamification best practices, human deep learning, serious games, and andragogy. Technology is advancing faster than ever and I believe we as humans also need to develop the way we do things in order to maintain relevance especially in the workforce.

Doing this PhD is my way of contributing to creating a technological solution, even if in part, to the challenge of adult learning of new soft skills as easily and thoroughly as possible.

I see 3MT as a way to not only build my confidence in communicating effectively, but also a platform to share my research and its amazing possibilities with people who care to make a difference.

What Next?

The winner of the Judges' Choice will be submitted to the national 3MT semi-finals representing the University of Westminster. The national competition is managed by Vitae. We wish all our contestants the very best of luck!

Meet the Judges

Professor Andrew Linn

Andrew is Pro Vice-Chancellor for Research at the University of Westminster, and Head of the College of Liberal Arts and Sciences. His research activity is concentrated in two main fields: the history of linguistics and language policy and planning. Andrew will be acting as Chair of the judging panel.

Professor Simon Joss

Simon is Professor of Urban Futures in the School of Social and Political Sciences at the University of Glasgow. He is associate director of the ESRC-funded Urban Big Data Centre. His research interests are in the fields of urban futures, sustainable urban development, urban technologies, and policy analysis and governance of urban innovation.
Until July 2018 Simon was the Director of our GS. Welcome back Simon!

Professor Brendon Noble

Brendon is Head of the School of Life Sciences at the University of Westminster. Brendon is a medicines development specialist and biotechnologist with an interest in musculoskeletal health, biomaterials and cell therapy production. His research work has been funded by the MRC, the Royal Society of Edinburgh, the UK Stem Cell Foundation, Pfizer, Novartis, Geron Corporation and other sources to a value of over £10 million.

Professor Kester Rattenbury

Kester is based in the School of Architecture and Cities. She is an architectural journalist, critic, author and teacher, and a Fellow of the Royal Institute of British Architects (FRIBA) and a member of the international committee of Architectural Critics CICA. She set up EXP, the Research Centre for Experimental Practice, and oversaw the creation of the widely acclaimed Archigram Archival Project.

Thank you for being here today and supporting our first GS 3MT Competition!

A special thank you

The Graduate School has supported its doctoral researchers in a number of ways to enable them to get to this stage of the 3MT process. In particular we'd like to say a special thank-you to our external coaches:

Rach Maggs

I have had the pleasure and the privilege of working with Early Career Researchers in UK and European universities since 2003 on large scale courses such as Vitae GRADschools to skills sessions and individual coaching.

I have a deep passion for developing the next generation of researchers regardless of their post doctorate destination and thoroughly enjoy the enthusiasm, discussions and thinking they bring when I am working with them.

Rach Maggs Consulting: Rachael.Maggs@btinternet.com

Andrew Halfacre

Andrew is an executive coach, working with managers who wish they were more effective.

He has designed and delivered training for researchers at Kent, Cambridge, Swansea, Warwick and UCL among others. He has also delivered experiential learning courses and events for researchers in Spain, Beijing, the Middle East and Russia. Before this he worked for 18 years as a manager in the UK energy industry with responsibility for delivering major change projects

This experience enables him to help researchers understand how to get their message across in the business world.

Andrew is the author of "First, Know What You Want" a comprehensive guide to working out what you really want and finding the confidence to pursue it. He is married and lives in Essex with three noisy daughters and three adorable chickens.

http://www.firstknowwhatyouwant.com