Welcome

At Queen Mary University of London, we believe that the diversity of ideas helps us achieve the previously unthinkable.

Throughout our history, we’ve fostered social justice and improved lives through academic excellence. And we continue to live and breathe this spirit today, not because it’s simply ‘the right thing to do’ but for what it helps us achieve and the intellectual brilliance it delivers.

Our reformer heritage informs our conviction that great ideas can and should come from anywhere. It’s an approach that has brought results across the globe, from the communities of east London to the favelas of Rio de Janeiro.
We continue to embrace diversity of thought and opinion in everything we do, in the belief that when views collide, disciplines interact, and perspectives intersect, truly original thought takes form.

Public engagement informs and supports our research, our staff and students are supported in the commercialisation of research and interests, and our researchers are supported to develop a media presence and share their work with the broadest possible audience. It is this approach and environment that I feel has allowed us to generate successful media campaigns, support exemplary entrepreneurship and enterprise activities by students and staff, and be awarded a Gold Engage Watermark from the National Coordinating Centre for Public Engagement (NCCPE) for our excellence in public engagement.

These awards are testament to the achievements of staff and students and represent just a selection of the work that goes on across Queen Mary. My congratulations to our winners tonight, but also to everyone who applied or was nominated. My thanks also go to the dedicated staff who provide essential support to these activities across Queen Mary.

**Professor Colin Bailey**
President and Principal, Queen Mary University of London

I am immensely proud of Queen Mary’s commitment to public engagement, and our ambition to do even more to support and champion this work in the future.

This commitment to public and community engagement, and to staff and student enterprise activities, is evidenced by the brilliant people and projects nominated for these awards. I would like to congratulate everyone who was nominated, and all of our winners tonight. I am keen to build on Queen Mary’s strong history of public engagement to help support all of our staff in developing new activity and sustaining and strengthening existing projects in my role as Executive Dean for Public Engagement and Student Enterprise.

**Professor Peter McOwan**
Executive Dean for Public Engagement and Student Enterprise
Queen Mary University of London

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qmul.ac.uk 3
Public Engagement

Influence Award - Recognising activity where research has been used to influence a shift in attitudes or the way that things are done, whether this be organisational change, influencing policy or how people think about a topic and their actions.

Synergi’s Photovoice Project: Visual Reflections of Mental Health
Kristoffer Halvorsrud, Centre for Psychiatry

The Psychosis Therapy Project at Islington Mind, Mind in Haringey, African and Caribbean Mental Health Services, LMCP Care Link

Informed by a well-established method of meaningful co-production (‘photovoice’), ethnic minority service users and their carers captured and exhibited photographs representing their everyday reality of severe mental illness and treatment.
Raising Awareness of the Human Rights of Victims of Domestic Abuse in the Family Courts
Shazia Choudhry, School of Law

A joint empirical research project with Women’s Aid (a national domestic abuse charity), the project engaged with victims of domestic abuse around their experiences of human rights law and policy, and provided a much more effective and evidence based approach to assess the effectiveness of human rights law, further highlighting the need for legal reform in this area.

#ThinkHand
Gavin Giovannoni, Klaus Schmieder and Alison Thomson, Blizard Institute

#ThinkHand is a multifaceted campaign to get the wider MS community to focus on the importance of hand function for people with multiple sclerosis (MS), with the aim of keeping them independent. The project has been co-designed with people with MS and focuses on influencing health policy, new research, and developing tools to assess hand function.
Public Engagement

Inspire Award - For those who have inspired others by finding creative and engaging ways to communicate their research; such as to raise young people’s aspirations or enthuse new and different audiences.

Crafting interactive audio systems with e-textiles
Becky Stewart, School of Electronic Engineering and Computer Science
A series of workshops based on e-textiles and paper circuits to introduce people to electronics and computing. Participants use materials such as conductive threads, sensors and copper tape, along Bela, an open-source embedded computing platform developed at Queen Mary, to build their own interactive audio projects such as musical instruments or wearable 3D audio systems with head tracking.

Finding Home, Finding Hope
Catherine Palmer, School of English and Drama
Jeremy Muguwe and Hannah Akhalu
Finding Home, Finding Hope was a theatre project with young people from east London about the impact of gentrification in Tower Hamlets. The project focused on a research and devising process and resulted in performances and workshops by young people that toured to community and arts venues around London.

Embodied Imagination: a performing arts and interactive technology workshop for stroke survivors
Lois Weaver, School of English and Drama
Patrick Healy and Rosella Paulina Galindo Esparza, School of Electronic Engineering and Computer Science
A workshop process designed to facilitate stroke recovery. It combines performance methods with interactive technologies in order to engage with people’s lived experience, stimulate embodied fantasy and promote collaborative group interaction.
Interact Award - Recognising the partnerships, collaborations and community connections that are essential to public engagement, so seeks to celebrate excellent engagement and the partnerships which underpin these projects.

SAROBMED
Violeta Moreno-Lax, School of Law

The Search and Rescue Observatory for the Mediterranean (SAROBMED) is a cooperative, multidisciplinary, international consortium of researchers and civil society organisations using a ‘research-in-action’ model to document and denounce human rights violations covering the entire cycle ‘from the water to the courtroom’. The platform has recorded over 70 incidents and taken joint action challenging dominant approaches against ‘boat migrants’.

QMAP (Queen Mary Access Partnership)
Max Berrill, School of Medicine and Dentistry

A partnership between the Access Project (a charity that helps children from disadvantaged backgrounds access university), the Queen Mary Anatomy Department and the Royal London Hospital. This project was developed by final year medical student Max Berrill and involves school students attending observed dissections at Queen Mary, summer holiday work experience schemes at the Royal London Hospital and mentoring and guidance from the Access Project.
Public Engagement

**Involve Award** - For activity where the public can contribute their knowledge, expertise or time to research, such as citizen science, patient involvement and collaborative research projects.

**MUSICS (Magnetospheric Undulations Sonified Incorporating Citizen Scientists)**
Martin Archer, School of Physics and Astronomy

Over 35 London schools have been exploring satellite data through listening, collaboratively experiencing and contributing to space weather research. This has led to unexpected scientific results recently being published in a paper.

**Raising awareness of oral health in diabetes patients**
Aylin Baysan, Ben Audsley and Charlotte Royle, Institute of Dentistry

Designed to raise awareness of oral health problems associated with Diabetes through informational podcasts, patient leaflets and events and talks aimed at patients and the wider community, the mission was to help patients manage existing symptoms, improve patient knowledge, and, crucially, to help prevent dental problems from reoccurring.
The Hawking Award for Developed Understanding of Public Engagement

Named for Lucy Hawking, novelist and daughter of Stephen Hawking, this award reflects Lucy’s qualities of reflexive, cooperative working, and her understanding of how to bring together research and engagement.

The award is given to an individual to acknowledge their critical thinking in the field of public engagement.

The Garriott Award for Leadership in Public Engagement

Named for Richard Garriott, entrepreneur and astronaut, this award reflects Richard’s qualities of innovation and leadership, being at the forefront of his field.

The award is given to a project to reflect the extensive work they have done in pushing forward the public engagement agenda, and developing others around them.
Best Opinion/Comment Piece -
This award is given to an academic who has written a persuasive and engaging piece which helps to shape public opinion or presents a unique analysis of their research.

Jonathan Kennedy
Blizard Institute
An opinion piece written by Kennedy for Al Jazeera used insights from his research to examine what needs to be done in order to meet the World Health Organisation’s target to reduce cholera cases by 90 percent by 2030.


**Lucas Lucasa**  
School of Mathematical Sciences

Why do singing crowds sound in tune, even if all their members are out of tune? Using concepts from the physics of acoustics and stochastic processes, Lacasa explained in The Conversation that this phenomenon is actually real and is an example of collective intelligence.

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**Peter Hall**  
Blizard Institute

In response to a House of Lords speech given by the late Dame Tessa Jowell calling for patients to have greater access to experimental treatments, Hall wrote on The Conversation about the need for cancer clinical trials to be more flexible and test a greater range of new treatments.
Media and Public relations

Best Published Research Campaign -
This award is given to an academic who has worked with the PR team to develop a successful media campaign for a research paper published in a peer-reviewed journal.

Georgios Skiadopoulos and Renato Faccini
School of Economics and Finance

Many forecasters were caught off guard in predicting the 2008-2009 Great Recession. Research by Skiadopoulos has resulted in the development of a new indicator for predicting financial growth. Contrary to earlier predictions of a recession, economic growth was forecast in the United States and South Korea. The research received international attention and Skiadopoulos was interviewed by Forbes, Market Watch, and Wall Street Journal.

Carla Valentine
Pathology Museum

John Bellingham shot Prime Minister Spencer Perceval in 1812. Carla Valentine worked with forensic imaging experts to create an image of Bellingham based on his skull. The news made it to places as far away as Australia and highlighted that collections in the Pathology Museum are not acquired in vain.

Magda Osman
School of Biological and Chemical Sciences

Plans to introduce an opt-out organ donation system in England are underway, but Osman’s study suggests this will create ambiguity over the deceased’s true wish and is unlikely to increase the number of donations. The study featured in more than 30 newspapers and publications and appeared on national television.

Dave Michels
Centre for Commercial Law Studies

Following the hype around blockchain in 2018, Michels and colleagues provided an analysis to help inform the wider debate. The research helps blockchain developers better understand their legal obligations; and helps lawyers, regulators and legislators better understand blockchain technology. Originally published in The Conversation as an opinion piece, Michels’ work was covered by national press including the Daily Mail and Independent.
Queen Mary Rising Star -
This award is given to a PhD candidate or early career researcher who has established a media profile in recent years through their research at Queen Mary.

Hannah Mawdsley
School of History

Working closely with the Imperial War Museum, Mawdsley’s research investigates the Spanish influenza pandemic of 1918. Her project is the first of its kind to examine a unique collection of first-hand accounts of the Spanish Flu. As 2018 marked the centenary of the Spanish Flu, Mawdsley made numerous successful media appearances including appearances on BBC Breakfast, local and national radio stations and was quoted extensively in newspapers both in the UK and internationally.

Jahnavi Daru
Blizard Institute

Daru’s research revealed that the risk of maternal death is doubled in pregnant women with anaemia - the most common nutritional deficiency worldwide. This led to interviews with CNN and BBC’s Woman’s Hour, opinion pieces for The Conversation, and global media coverage reaching as far as India and Nigeria.
Academic Commercial Enterprise -
For the Queen Mary spin-out company or commercial agreement with an industrial partner that has generated the most revenues and/or reached a significant commercial milestone, leading to an increase in value of the opportunity.

**Dragonfly Technology Solutions Ltd**
Hamit Soyel and Peter McOwan, School of Electronic Engineering and Computer Science

Dragonfly accurately predicts in real time what catches a viewer's attention, assisting brands in the optimisation of their content. Dragonfly has been sold to a number of international brands and is helping product sales worldwide.


**Kinomica**
Pedro Cutillas and David Britton, Barts Cancer Institute

Kinomica is a spin-out company that aims to improve cancer clinical outcomes by using competitive intelligence to enhance tailored treatment decisions involving anticancer drug therapies.

**LandR**
Josh Reiss, School of Electronic Engineering and Computer Science

LandR is a Queen Mary spin-out company offering intelligent audio production tools. In 2018, LandR experienced rapid growth, including a 50% growth in subscribers, and 57% growth in annual revenue.
Academic Innovation

Innovation of the Year -
This award is for the project which has achieved one or a number of milestones that could lead to a significant commercial or non-commercial enterprise in the future.

Accelerating clinical research with social media mining
Maryam Abdollahyan and Conrad Bessant, School of Biological and Chemical Sciences
Fabrizio Smeraldi, School of Electronic Engineering and Computer Science
A novel tool for mining online health boards to provide valuable information about patients and their treatments to clinical research organisations for clinical trial recruitment and adverse event detection.

Early detection of pancreatic cancer in urine specimens
Tatjana Crnogorac-Jurcevic and Silvana Debernardi, Barts Cancer Institute
Pancreatic cancer is one of the deadliest cancers due to late diagnosis. Researchers have developed a panel of urinary biomarkers that can detect the disease at an early stage when a tumour can still be resected.

Biosensor
Matteo Palma, School of Biological and Chemical Sciences
Researchers developed a novel platform for assembling different molecular building-blocks on independent carbon nanostructures, and fabricated nanoscale biosensors capable of the simultaneous detection of multiple biological targets on a single-biochip.
**Bruce Dickinson Entrepreneur of the Year**

This award is for an individual that has demonstrated significant in-year entrepreneurial activity.

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**Sean Gong**  
School of Electronic Engineering and Computer Science

Sean Gong and business partner Bob Koger founded Vision Semantics as a spin-off in 2007. Since 2014, VSL has developed a world-leading Person Re-Identification (Re-ID) software platform for video forensics analysis.

Vision Semantics received significant investment in 2018 and are currently in negotiation for additional investment for a major business expansion.

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**Novel leucite glass-ceramics and drug discovery projects**  
Mike Cattell, Institute of Dentistry

Mike Cattell has run a number of projects involving crystallisation to solve real clinical problems in dentistry, the first using strong, low-wear glass ceramics to make durable and aesthetic dental crowns. The second project is the crystallisation of a safer and effective antimicrobial chlorhexidine drug, allowing sustained drug release and potential use in emerging countries to prevent neonatal deaths.

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**Davidson Ateh**  
Blizard Institute

Ovarian cancer patients have a median survival of only three years. We have engineered a therapeutics delivery platform to concentrate drugs at tumours whilst avoiding the devastating side effects of current treatments.
Entrepreneurial Student of the Year - This award recognises innovative self-starters who can evidence that they’ve used their creativity and leadership skills to make a significant contribution to an entrepreneurial project (or multiple projects) over the past 12 months.

Yash Morar
Yash Morar’s aim through his venture is to create an easier way for people to plan their social events. The idea behind the app was inspired by the frustration of finding new places to go with his partner on date nights, and managing messy lists of places written in his notes app. Motive has won the QEnterprise Award in partnership with Queen Mary and Santander Universities, gaining recognition from Deloitte Ventures, and is a semi-finalist in GradVenture. An app is to be released in February 2019.
Joseph Cooper

In combating the Global Mental Health crisis, increasing research has demonstrated the benefit of interacting with nature on personal wellbeing. Through Birdscape, outdoor excursions are provided which incorporate natural鸟song into mindfulness exercises to jointly improve client awareness of birds and promote the positive impacts of engaging with nature for one's mental health.
Student Enterprise

Most Promising Student Business of the Year -
The winner of this award will be the business that can demonstrate the most achievements over the past year and has the best foundations for future success.

Adama Robotics
Mehadi Hasan and Dauda Barry

Adama Robotics is an EdTech company that produces educational robotics kits, online courses and applications which are equipped with a full range of unique and comprehensive concepts aimed at developing and nurturing an interest in the STEM fields and academic excellence from an early age. The robotics kits provide the user with hands-on experience in robotics, engineering and computer science through its active involvement in learning approach by carefully building and programming them.

Mandarin Spark
Jay Harvey

Mandarin Spark is a mobile app for people learning Chinese. It uses a proprietary flashcard system to track learners study habits and provide optimised study sessions. Development of a beta app was achieved through bootstrapping and launched on the App Store in April 2018.
The Fareena Baig Student Social Enterprise Award -
The winner of this award will be the social enterprise that has demonstrated the most impressive progress towards significant, sustainable social impact during the last year.

The award is named in memory of Fareena Baig, a Queen Mary alumnus who tragically lost her battle with cancer in 2018. Fareena founded and continued to work hard on her own social enterprise - Manoo and the Greens, which produced raw, organic almond milk – until her passing. She was an impressive, resilient woman, and it is in this spirit that the award will be granted.

Musemio
Olga Kravchenko and Kaitlin Fritz
Musemio is a virtual reality educational platform. It has already partnered up with the Petrie Museum of Egyptian Archeology and will have delivered accessible cultural learning to over 1000 children by April 2019. Working with schools around the country and over a dozen of educational charities, Musemio bridges the gap in arts education providing children with equal opportunities to express themselves through culture and improve their results at school at the same time.

Animorph
Animorph Co-operative develops augmented and virtual reality applications that address social, medical, and logical problems concerning perception. The needs of end-users drive our process, and we invite them to be active participants in shaping our solutions. Since 2016 we have delivered multiple cutting-edge products in the independent media, entertainment, and education sectors. Our latest projects are oriented towards medical applications of immersive media.