



LONDON STORIES 2018

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FOREWORDS



Professor Edward Byrne AC

President & Principal
King's College London

No single publication could do justice to the countless examples from across King's of staff and students whose visionary research, imaginative teaching and selfless volunteering is truly making a difference to the city around us.

Our *London Stories* this year range from the pioneering work of the Environmental Research Group, now the Mayor of London's official air quality forecaster, to the innovative Parent Power programme, inspiring and empowering local parents and, through them, a new generation of future learners and leaders. Across all of these stories, partnership is the common factor; we know that by working together with London, we can help co-create solutions to the capital's challenges, and maximise its opportunities.

I'm proud to lead an institution that takes so seriously its commitment to London and finds so many ways to bring that commitment to life. ■



Baroness Bull (Deborah Bull)

Vice President & Vice-Principal (London)
King's College London

Two years ago, King's set out a bold Vision to 2029, outlining our ambition to be a civic university at the heart of London. This commitment is manifest not only in King's education and research, but also in our promise to serve the needs of London and its communities.

Over the past year, the King's community has brought new life to this ambition through imaginative partnerships with the capital's businesses, charities, schools, local communities, policymakers and with other universities in London's higher and further education networks. These collaborations draw on London as both a living classroom and a laboratory, creating distinctive learning and research opportunities while, at the same time, helping to ensure the health, wellbeing and success of the city in which we make our home.

London Stories 2018 offers just a few examples of the many ways in which our staff and students are translating these ambitions into action. In bringing these stories together, we celebrate not only the people and projects featured in the following pages, but all of those people across King's and our wider communities who, through their work in and with London, help to make the world a better place. ■



KING'S COMMISSION ON LONDON

In-depth review poses solutions to some of London's complex and overlooked challenges

THE KING'S COMMISSION on London brought together academics, business leaders and policy-makers to consider some of the city's complex challenges and offer practical solutions to improve the lives of Londoners. Its final report, *London 2030 and Beyond*, was launched at an event with the Mayor of London, Sadiq Khan, in March 2018.

The Commission was established in 2016 by the Policy Institute at King's and was co-chaired by former Cabinet Minister Lord Adonis and Professor Tony Travers, Director of LSE London. It examined three vital – but often neglected – issues for London's long-term future: its health policy needs, new arrangements for skills training and its economic prospects.

The Commission's report warns that London's health, further education and skills systems are fragmented and unnecessarily complex. It supports the devolution of adult education funding to the Mayor of London, improved access to higher-level non-university study and a significant uplift in the provision of apprenticeships, warning that without these changes London's economy will be damaged. It also calls for a portion of the unspent apprenticeship levy to be allocated to the Mayor of London for city-wide skills training.

“**London is the world's greatest city – and [this] report makes it clear that closing our doors and retreating from the international economy would risk our economic future and harm the entire country.**”

Sadiq Khan, Mayor of London

The report recommends that the Mayor of London's powers be extended across health to ensure the capital remains a leading global city. It suggests that the Mayor and London's boroughs establish a city-wide strategic body for NHS and social care that has the power to manage clinical networks and joint planning of services. It also calls for the reintroduction of deprivation funding to improve primary healthcare across the capital.

Exploring the capital's wider economic status, *London 2030 and Beyond* provides an in-depth analysis of the implications of Brexit on the capital and recommends that London should aim to be an international 'super city' to achieve its greatest potential. This scenario – one of four presented – sees the city continue to grow, assisted by increased devolution of tax and spending powers, with major transport and infrastructure projects implemented.

'We cannot be complacent about London's economy going through to 2030 and beyond, especially in the light of Brexit,' said Professor Tony Travers, co-chair of the Commission. 'It is clear that the best option involves the most open, international economy and labour market. Anything else will hold London back.'

In bringing together King's academics with leading thinkers from across London's policy, business and higher education sectors, the Commission demonstrates the university's commitment to working in partnership to have a tangible and transformative impact on London and its communities. ■



LEADING LIGHTS

Science Gallery London's Young Leaders bring new perspectives to King's research

SCIENCE GALLERY LONDON on King's Guy's Campus – alongside Guy's Hospital – offers new ways for academics to develop and showcase their research, for students to enrich their learning and for local and broader communities to connect with the university on their doorstep.

The gallery invites new audiences to engage with King's research through the lens of science and arts. Its thought-provoking seasons are co-created with young people, through its Young Leaders – 15- to 25-year-olds drawn from King's home boroughs and student body. These dynamic and creative young people – from biomedical students to textile designers – shape Science Gallery London's approach so that its activity represents and champions their interests. Students also play a crucial role as mediators, interpreting scientific and artistic concepts to curious visitors while gaining vital communication skills.

Young Leader and King's medical student, Mandeep Singh, said, 'Science Gallery London challenges students and young people from south London and beyond to embrace their creativity while exploring the very latest scientific thinking.'

Science Gallery London hosts three themed seasons each year. Its opening season *HOOKED*:

“Through Science Gallery London, King's is making science and culture accessible to everyone, allowing young people the chance to interact with new discoveries and original thinking.”

Bella Spencer, Young Leader, Science Gallery London

When Want Becomes Need explored the complex world of addiction and recovery, drawing on world-leading research from King's Institute of Psychiatry, Psychology & Neuroscience. Future seasons include *SPARE PARTS*, interrogating transplantation, regeneration and prosthetics, and *DARK MATTER*, which questions what makes up our universe.

King's strategic vision sets out its commitment to London. Science Gallery London is central to this ambition, opening up new ways into King's, addressing issues that are of significance to the capital and inviting local communities, through their lived experience, to be part of the process of generating new knowledge. ■





POWER TO THE PARENTS

King's is supporting local parents to become university access experts

PARENT POWER harnesses the power of parents to inspire young people from underrepresented groups to pursue higher education. Pioneered by King's Widening Participation department and community organising charity Citizens UK, Parent Power has trained more than 200 parents in university access, student finance and tutoring.

King's Widening Participation team first ran Parent Power with the parents of 50 high-performing and underrepresented pupils living in King's local boroughs of Lambeth and Southwark. It brought them together to gain knowledge about the education and university system and improve their skills and relationships to break down the barriers their children are facing.

The groundbreaking approach recognises the specific support required by pupils with academic potential who come from families with no history of university participation. Just 24 per cent of pupils eligible for free school meals go on to higher education, compared to 42 per cent of those from better-off families. Over a quarter of this gap in participation relates to students with the same levels of attainment at GCSE.

Daniel Bennet, a heating engineer from Brixton, was one of the first to join Parent Power to help

“
Statistics around how many underrepresented students go to top universities have really shocked me. It would be so great to try to change these.
”

April Higgins, Parent Power member

his son Darntá get into university. 'I didn't hear the word "university" until I had left school,' he says. 'I was quite smart but I didn't know it. I was very quiet and sat in the background. No issues, no trouble but I got no encouragement from teachers. That's not going to happen to Darntá.'

13-year-old Kaela-May is interested in computer science, but says she worries about 'how hard it will be for someone like me to get into university'. She adds, 'People might think that we don't come from a particular background so we don't want something good for the future, but really we do.'

Following a series of successful campaigns, parents who have joined Parent Power have secured fully funded bespoke open days at universities across the UK and negotiated bursary places on private summer schools. King's is committed to finding the brightest minds regardless of background and the programme is helping the university better understand and address the concerns of local parents and carers.

Kaela-May's mother, Miata, worries that her daughter is already missing out, compared with privately educated pupils who receive expensive tuition and can access paid-for summer schools. She says, 'Most schools will get you through the exams, but they don't teach the sort of critical thinking you need to get through a university interview.'

Parents involved in the programme are using community organising methods taught by Citizens UK – such as learning how to influence politics – to support other parents and pupils. A group of 40 parent leaders now meets once a month to campaign against educational inequality and to support other parents. Parent Power was also named Campaign of the Year by South London Citizens. ■



LONDON AS A LIVING CLASSROOM

The city in which the university makes its home is a distinctive feature of a King's education

KING'S EDUCATION STRATEGY sets out the university's ambitions to integrate London into the learning experience, drawing on the city's potential as a living classroom. In support of this, partnerships with local boroughs and organisations across the capital are becoming a distinctive feature of a King's education. These collaborations help students take away the best possible life opportunities and develop lifelong connections and networks that will support them throughout their careers. At the same time, the students offer partners across the capital new insights and perspectives on their challenges and opportunities.

Black in the Union Jack? Black Lives in Modern London illustrates how King's embeds London into the curriculum across its Arts and Sciences faculties. This module from the Faculty of Arts & Humanities is an exploration of the ways in which black people have lived, loved, worked, studied, played and become politically engaged in modern London. It has been developed in partnership with Black Cultural Archives (BCA) in Brixton and sees lectures, seminars and hands-on tasks delivered in alternate weeks at King's and at BCA.

Within the university's Health faculties, King's students – many of them the medics, doctors and

“
I feel so fortunate to be able to live in London. It's important that we take advantage of what students at other universities do not have at their fingertips.

King's student
commenting on *Black
Lives in Modern London*

”

medical practitioners of the future – have a unique and valuable opportunity to work, learn and serve their local communities within London's hospitals and clinics. *Global Health in Local Practice*, a module from the Faculty of Life Sciences & Medicine, is just one example. Focusing on the reproductive health of communities in south-east London where King's Centre for Global Health and Health Partnerships is located, the module considers how international health issues impact on local patient care in Lambeth and Southwark.

Integrating local partnerships into the King's student experience is central to the commitments King's has made in its Vision 2029. In every faculty, curricular and co-curricular learning programmes provide opportunities for King's students to test their knowledge in real-world environments across the capital, supporting the university's commitment to ensuring our students become the problem-solvers of the future. ■





THE BUSINESS OF LEARNING

Students are working at the heart of London's business community

AT KING'S BUSINESS SCHOOL, final-year undergraduate students are being paired with small-medium enterprises (SMEs) in Westminster to address live challenges that local entrepreneurs are facing.

The King's Business School Consultancy Project has been developed and organised in partnership with Westminster City Council. It delivers mutual benefits by providing local SMEs with valuable support, while giving students an opportunity to test their skills and knowledge in the world beyond the university.

At the start of the inaugural programme in 2018, students were organised into groups and each spent a month working with local enterprises, examining their specific business challenges. Each project culminated in a final presentation to the group's business partner, detailing their analysis and recommendations.

King's undergraduate Aeman Junaid, who worked with gaming company Two Way Media, said, 'I found the Westminster City Council programme a completely different experience to an internship. We were interacting with real clients and taking ownership over our roles. We organised our own meetings to present our ideas.

“

We think this is the beginning of something very big and we are delighted to collaborate with King's College London to give local SMEs the chance to receive business consultancy from ambitious and skilled King's Business School students.

Councillor David Harvey,
Deputy Leader and
Cabinet Member for
Economic Development,
Education and Community,
Westminster City Council

”

It was great to work for a real company with inspiring entrepreneurs who gave us real insights into their working lives.'

Two Way Media's chief executive, James Turner, added, 'In a small business, it's easy to be sucked in by the day-to-day rather than strategy. But this has helped the business to shift its attitude. The project unlocked our thinking about different approaches.'

Integrating London's business communities into the learning experience is one of the ways in which King's is delivering its strategic vision for the years leading up to the university's 200th anniversary in 2029. Professor Stephen Bach, Executive Dean of King's Business School, said, 'Westminster Business Clinics are a distinctive way for King's students to translate their knowledge into tangible solutions that local companies can use to grow and enhance their businesses.' ■





WORKING TO KEEP LONDON SAFE

King's researchers provide expert advice and insights to London's security services

THE 2017 Westminster terror attacks struck a city already accustomed to living with threats to safety and security. King's School of Security Studies, within the Department of War Studies, works in partnership with London's security and government services, providing expert advice and delivering practical insights to help prevent future attacks and influence the capital's emergency responses.

Psychologists Professor Brooke Rogers, Professor of Behavioural Science and Security, and Dr Julia Pearce, Lecturer in Social Psychology and Security Studies, investigate public perceptions of and responses to extreme events such as terrorism. This work challenges the popular belief that people will always panic when emergencies occur. Their research into people's responses to terror attacks, combined with evidence from around the world, demonstrates that efficient and clear communication from local and national authorities before, during and after a terrorist attack promotes greater understanding of security risks.

'If people are better informed they are less likely to engage in behaviours that can put themselves and their loved ones at risk,' says Professor Rogers. 'Ultimately our work is about keeping people, communities and nations safe.'

“
We work closely with Whitehall and Westminster across defence, security and foreign affairs, from informing UK security debates through our original research to offering expert security advice to government and parliament.
”

Professor Wyn Bowen,
Head of the School of
Security Studies

King's security experts in the capital must also look beyond physical dangers to virtual and digital threats. Londoners typically carry an average of three devices with them, including mobile phones, tablets or wearable technology, making the capital extremely vulnerable to cyber terror threats.

Dr Tim Stevens, Lecturer in Global Security at King's, is an expert in cyber security. He says, 'The cyber threat to London's businesses and residents is especially great. This is due to the high concentration of consumer devices, technology companies and information infrastructure at risk of attack or subversion by cyber criminals and others.' King's works side-by-side with public and private organisations responsible for protecting London from cyber-attack and sabotage. In influencing government and private sector cyber-security approaches, the university is helping to keep London and its diverse communities safe and secure online. ■





THE FEEL-GOOD FACTOR

Students are taking steps to deepen their connections with local communities

KEEN RUNNERS at King's are getting fit while doing good as they jog through London's streets.

King's is the first university to have its own GoodGym – an innovative running club that sees members stop off on their routes through the city to carry out tasks for community organisations, or to support isolated older people with social visits and one-off tasks they can't do on their own.

From shifting compost at a local gardening project to helping move furniture for older members of the community, the runners put their energies into making a difference to people's lives.

King's GoodGym enthusiasts set off from the university's campuses across central London, typically running between two and three kilometres to each task and stopping for a short fitness session on their return.

One event saw runners tackle a 6.5 kilometre route through central London from the Strand, to Blackfriars, across to Waterloo and back alongside volunteers from Groundswell, a charity that supports rough sleepers and vulnerable people. GoodGym runners distributed cards from the Healthy London Partnership to people along the route who appeared to be sleeping rough and explained how they could use the cards to register and receive treatment at a GP surgery.

"I don't think the volunteers realised the impact they have had on our lives. It is more than just clearing the garden – it is giving me hope."

Mr C, GoodGym local beneficiary

Rachel Kearney, who led the run, said, 'Due to the vulnerability of the people involved, we decided we would run along the river to get our legs working before slowing it down and splitting off into groups to hand out the cards in a gentle and approachable manner. It was incredibly worthwhile, with each person we approached appreciative of our support.'

Alyx Murray-Jackman, King's Physical Activity Co-ordinator and GoodGym leader, has been instrumental in setting up the partnership with the UK-wide GoodGym initiative. She said, 'It feels fantastic to help charities and voluntary organisations on King's doorstep that are doing great work to make London a thriving community.'

Step by step, the GoodGym runners are supporting King's aim to make the world a better place. Pounding the pavements, and putting up curtains, GoodGym is an innovative and fun way for King's staff and students to contribute to the wellbeing of the city in which they work and study. ■





ARTS IN MIND FESTIVAL

Creative collaborations connect Londoners to King's groundbreaking research

ARTS IN MIND, a week-long festival of arts and mental health at King's College London's Institute of Psychiatry, Psychology & Neuroscience (IoPPN), showcased work that explores new ways to improve wellbeing and bring about a better understanding of mental health, the brain and the mind.

Over recent years, researchers within King's medical faculties have been engaged in a number of collaborations with artists and cultural organisations through an Arts in Health programme facilitated by the university's central Culture team. These collaborations were brought to life by the *Arts in Mind Festival 2018*, which featured more than 40 exhibitions, performances and screenings showcasing creative collaborations between artists and the IoPPN's world-leading psychiatrists, psychologists and neuroscientists.

During the festival, a diverse range of topics from psychological wellbeing in pregnancy to music and images as mood enhancers were explored. In *Sound Mind*, which took place at St John the Divine Church in Kennington, audience members were immersed in the music of Pärt, Cage and Riley while viewing psychedelia-inspired visuals through VR headsets, stimulating creativity and wellbeing.

“

We are located within diverse thriving communities in one of the world's great cities and we've really tried hard to make sure that we can involve the local community [in this] collaboration between arts and mental health.

”

Professor Patrick Leman,
Dean of Education, Institute
of Psychiatry, Psychology
& Neuroscience

One audience member who took part in the *MagicCarpet* event said, 'I've always been aware that the way my head works is not run-of-the-mill. My mind races and I have lots of ideas at once. The opportunity this evening to meet other people and talk to them about how their thoughts and mental processes work was really quite comforting.'

The shared experience of living in the capital was explored in a presentation on *Urban Mind*, an innovative smartphone app that encourages users to record how their mental state is affected by living in the city. Other highlight events included *Cerebral City*, exploring the affinities between the structure of the brain and the London landscape, and *My Memory Forest*, a story-reading and art session for children.

Through its one-off events, open discussions and family workshops, *Arts in Mind* sought to draw local communities into King's, connecting Londoners with the work of the IoPPN and encouraging them to actively engage with the research going on in their local university. ■





A HOME AWAY FROM HOME

King's Residences aims to empower students to help make a difference locally

MORE THAN 6,000 undergraduate and postgraduate students move into King's Residences in London each year. The residences act as a springboard for students to meet new people and explore the capital in a city that is, for many, the first place they've lived independently.

The ambition of the university's ResiLife programme – run by King's Residences – is to help students to thrive in London by integrating them more deeply into the city and its many opportunities. By forging links between students, local groups and volunteering programmes, ResiLife aims to empower students to connect with and contribute to the communities in which they live and, in doing so, build new networks and experiences that enhance their time in London. King's efforts to connect students with their neighbouring communities extends to sustainability, with students encouraged to donate unwanted items so that they can be distributed to charities across London.

King's Residences support student success – and the student experience – by ensuring quality accommodation is available to all first-year undergraduates, international postgraduates and students with disabilities. The university's

“
We want to empower students to engage and positively contribute to their community.”

Paloma Lisboa, Director of Student Residences

commitment to enhancing the student experience was recognised by the prestigious Property Week RESI Awards 2018, where King's was named Student Accommodation Operator of the Year, the first university ever to be given this award.

Paloma Lisboa, Director of Student Residences, said, 'Our primary goal is for King's Residences to be a “home away from home” for our students, a place where they can be part of a community and feel connected to the city that they've chosen to call home. We are proud that our efforts to transform and enhance our student accommodation are being recognised at a national level.' ■



Image courtesy of UCL (Kirsten Holst)



AN ENTREPRENEURIAL JOURNEY

King's partners with eight London universities to inspire innovative thinking

A UNIQUE COLLABORATION between King's and eight London universities has given 200 students unrivalled access to the capital's vast entrepreneurial ecosystem.

The London Venture Crawl pioneered by King's Entrepreneurship Institute saw universities across the capital join together to take students on a tour of some of the city's leading innovation hubs and workspaces.

Over the course of 12 hours, six red Routemaster buses took the students, whose university courses are as diverse as fashion, computer science, medicine and law, on a journey through London for behind-the-scenes tours, workshops and talks from entrepreneurs.

Stops along the six routes included Amazon Fashion, Hello Fresh, Deliveroo and Campus London. The day culminated in an event at co-working space Plexal in the Queen Elizabeth Olympic Park, where students heard from Diane Perlman, Founder of Microsoft Ventures.

This distinctive educational event was created by King's in collaboration with universities across the capital. Its aim was to introduce students to entrepreneurship, help them gain skills in creative thinking and leadership and connect them to

"If you come to these events, meet new people and learn about entrepreneurship, your mind opens."

Alicia Beylan, MSci
Robotics and Intelligent
Systems, King's College
London

inspirational industry leaders and real-world businesses across the capital. Abhishek Joshi, Innovation Hub Lead at Accenture UK, said, 'We're looking at a whole generation of people who have to get into the entrepreneurial mindset to help pave their way in the future.' One student who participated said, 'Until now I had no idea how big London is when it comes to the start-up scene.'

Jay Shorter, Learning Programme Manager at King's Entrepreneurship Institute, said, 'Students have had the chance to explore the entrepreneurial ecosystem that is so present here in London, while nine of the city's universities had the opportunity to come together and share their learning.' ■



KING'S HEALTH PARTNERS WORKS TO IMPROVE THE LIVES OF PEOPLE LIVING ACROSS LONDON AND BEYOND

IN BRINGING together King's College London with Guy's and St Thomas', King's College Hospital and South London and Maudsley NHS Foundation Trusts, this Academic Health Sciences Centre – one of the largest centres of healthcare, research and training in Europe – helps to address some of the most challenging health issues facing London and its communities.

King's Health Partners aims to:



Make new healthcare discoveries available to patients sooner



Offer pioneering treatments and advanced therapies to people living in London and beyond



Provide the best possible patient care through enhanced training for healthcare workers

King's Health Partners programmes and projects include:



Innovation: translating the latest research into new healthcare innovations to deliver a world-class service to patients



Mind & Body: integrating mental and physical healthcare to enhance patient wellbeing



Value Based Healthcare: delivering excellent healthcare while safeguarding stretched NHS resources

King's Health Partners Institute's programme is bringing together the collective expertise of King's Health Partners across cardiovascular, women and children's health, neurosciences, haematology, and diabetes, obesity and endocrinology. These priorities have been selected to map King's Health Partners' combined strengths against the specific healthcare needs of local communities. ■

“ We believe that these are the areas where we can have the biggest impact on the health of the people we serve. ”

Professor Sir Robert Lechler, Senior Vice President/Provost (Health), King's College London and Executive Director of King's Health Partners

INTEGRATED CARE FOR PATIENTS WITH LONG-TERM HEALTH CONDITIONS



A COLLABORATION between King's Health Partners and Lambeth and Southwark NHS Clinical Commissioning Groups aims to improve care for patients with long-term health conditions. *3 Dimensions for Long-Term Conditions* (3DLC) integrates medical, psychological and social care for patients living with multiple health conditions such as heart failure, diabetes or mental health challenges.

Evidence shows that common mental health disorders are more frequent in people with long-term conditions and that the combination of physical and mental health problems makes treatment more complex. The 3DLC service aims to address this by providing patients with integrated support from a psychiatrist, a psychologist and a community support worker to enhance their wellbeing and quality of life.

Speaking about the challenges he faces, Shawn Collick, a patient with multiple health conditions, said, 'It's been quite a bit to get used to, especially with the mounting medication. Everything was a big struggle and mentally I was so confused, I just didn't know where to turn. Through sitting down and [3DLC] teaching me how to think through my emotions and my thoughts... I could see that yes, I can actually do more than I think I can do.' ■



PIONEERING CARDIOVASCULAR RESEARCH



KING'S HEALTH PARTNERS is bringing together collective clinical, research and educational expertise to deliver world-class cardiovascular healthcare for London.

World-champion powerlifter, 68-year-old Alan Luker, credits a pioneering cardiovascular research study with saving his life. Alan had a heart attack in 2001 and was invited to join a clinical trial at St Thomas' Hospital after he had an implantable cardioverter defibrillator fitted in December 2013. The REVascularisation for Ischaemic VEntricular Dysfunction (REVIVED) study fits patients with a stent – a small tube – in their blocked artery to explore whether people with coronary artery disease benefit from this treatment. The research study could transform the lives of thousands of Londoners suffering heart defects and benefit patients across the UK and around the world, if it is found that stents help people with the condition.

Alan said, 'Without the REVIVED study I believe I would be dead by now. I'm convinced that the combination of the stent and defibrillator has given me a quality of life I couldn't have dreamed of. Words can't describe how much I owe the team at St Thomas' behind the study. They have given me life and time with my wife Julie, family and friends.' ■

JOINING TOGETHER TO SERVE LONDON COMMUNITIES



A TEAM of neuro-navigators, specially trained therapists who support patients in south-east London with debilitating neurological conditions and brain injuries, have been brought together by King's Health Partners. The holistic care service aims to enhance patient recovery, enabling faster rehabilitation, delivering ongoing care closer to home and supporting patients as they return to work.

Patients treated by the service include those with acquired brain injury, progressive neurological conditions and spinal cord injuries. They have specific and challenging needs so benefit from 'whole-person mind and body care', according to Dr Ranga Rao, Clinical Director of Psychological Medicine and Integrated Care at South London and Maudsley NHS Foundation Trust.

PJ Watson, 26, suffered a brain injury following a car accident in May 2016 and was in a coma for six weeks. He was supported by the neuro-navigators from Guy's and St Thomas' NHS Foundation Trust. Talking about the support he received, PJ's mother, Cherie Jordan, said, 'When PJ got home he wasn't keen to go back to another rehabilitation centre but the neuro-navigator from Guy's and St Thomas' NHS Foundation Trust persevered. She knew he needed more input from the occupational therapists, physiotherapists and speech and language therapists.' ■





Images courtesy of The Northbank BID

STAYING ALERT

Scientists at King's are providing official air quality forecasts to the Mayor of London

KING'S IS WORKING in partnership with the Mayor of London, Sadiq Khan, to ensure schools and vulnerable Londoners are quickly informed of significant incidents of poor air quality in the capital.

Scientists at King's Environmental Research Group use data from the London Air Quality Network, alongside projections from other leading forecasters, to deliver coordinated warnings and urgent alerts to the Mayor's office. It is hoped that the alerts will encourage Londoners to make small changes that might reduce their exposure to toxic air.

The Mayor of London said, 'I introduced air quality alerts within months of becoming Mayor. The system has proved to be very successful but I am delighted to bring the expertise of King's College London on board so that we can reach more Londoners, particularly the most vulnerable, with the very latest information.'

King's is one of the leading providers of air quality information and research in the UK. The Environmental Research Group combines air pollution science, toxicology and epidemiology to determine the impacts of air pollution on health. This world-leading research is being used by

Providing accurate, up-to-date information on air quality is a central component of King's civic duty, and this exciting new partnership with the Mayor of London will enable that message to be delivered to those most affected by air pollution.

Timothy Baker, Principal Air Quality Analyst at King's College London

London boroughs and local Business Improvement Districts (BIDs) to combat air pollution.

Westminster City Council used King's pioneering research to create 'air quality backpacks' that monitor pedestrians' exposure to harmful pollutants on Westminster's streets. King's scientists have worked with several central London BIDs to create low-pollution walking and cycling routes, with one between Embankment and Covent Garden reducing pollution exposure by 47 per cent.

King's commitment to tackling air pollution in London makes a tangible difference to the wellbeing and health of Londoners, with many of the city's air quality improvement measures informed by the university's pioneering research. ■





STREAMING IN THE CITY

King's researchers test pioneering 5G technology in the heart of London

KING'S RESEARCHERS are capitalising on the university's position in the heart of the city to trial groundbreaking 5G technology that will transform how we communicate and connect.

In 2018, King's made history by achieving the UK's first successful 5G test independent of existing 4G technology. Alongside experts from Vodafone and Swedish telecoms company Ericsson, a team of King's academics – led by Professor Mischa Dohler, Chair Professor of Wireless Communications within King's Department of Informatics – used a prototype device that employs multiple antennae to send and receive data more efficiently in crowded areas.

Professor Dohler, explaining why London is the perfect test bed for 5G technology, said, 'Testing certain parameters of the technology in a city such as London is much closer to the truth of a future 5G system than, for example, a smaller city location or a suburban or rural site.'

The trial brought together King's cultural connections as well as its work in connectivity, demonstrating the future potential of 5G at a live-streamed international concert hosted at London's Guildhall School of Music & Drama. Musicians in London were accompanied by Professor Dohler, who is an accomplished pianist and composer

“**5G will play a fundamental role in enhancing what is possible for people, industry and society. We're proud to work with King's College London and the City of London Corporation to showcase the kind of innovation that 5G can enable.**”

Marielle Lindgren, Head of UK & Ireland, Ericsson

alongside his role as researcher. His performance with the Peter Wiegold Ensemble was streamed in real-time from Berlin's Brandenburg Gate Museum into the Guildhall via camera feeds processed through 5G data transmission.

5G offers not just higher bandwidth, but also greater capacity, security and productivity. King's pioneering development and testing of 5G technology, funded by the Government's Digital Strategy to drive forward new 5G business opportunities, reflects its commitment to research that is both informed by, and that contributes to, the future health and wellbeing of London. ■





MIGRANT VOICES IN LONDON

Migrant and refugee communities across London explore their daily lives through film

MIGRANT VOICES IN LONDON brought together researchers and local migrant communities to better understand migrant and refugee experiences in the capital. Led by Dr Leonie Ansems de Vries, Lecturer in International Relations within King's Department of War Studies, the project focused on the challenges experienced by refugees in London and the impact of legal status and invisible borders on their daily lives.

Migrants and refugees are most likely to have their stories told from the perspective of journalists and researchers. To counter this, *Migrant Voices in London* invited four migrants and refugees to spend a week filming their day-to-day encounters in the city, creating a platform for them to demonstrate the unique challenges they face.

The group was trained to use basic video cameras and encouraged to record their daily lives. Their film explores experiences of travelling and of being stuck during often difficult journeys, as well as feelings of distress and joy. A series of workshops also invited participants to examine their experiences – ranging from social barriers to conflict and war – through creative expression and dialogue. The sessions included an 'art expression' workshop led by Anna, an artist currently awaiting her asylum

“**‘[It was] the first time I didn’t feel a border between myself and others, regarding my status as an asylum seeker.’**

Anna, art workshop leader and asylum seeker

decision in the UK, alongside theatre, narration and meditation workshops.

Migrant Voices in London forms part of a larger research project that seeks to understand refugee experiences across Europe. It draws on King's previous collaborative research in Calais, which saw refugee groups use disposable photo cameras to document their experiences. The images and narratives that emerged gave insights into the feelings of hope, exhaustion, expectation, community and pain that dominate each refugee's experience.

Dr Leonie Ansems de Vries said, ‘We want to understand whether or how experiences in London differ from those of migrants en route. What do refugees see, feel and experience in London compared to the experiences had during their journey? One of the insights gained so far is that journeys do not end in London as people continue to face uncertainty and hardship, yet they also continue to try to rebuild their lives.’

The research project will inform wider questions about the broader politics of migration management and negative discourses on migration in London and across the UK. ■





HEALTHY CITIES FOR ALL

Global research collaboration aims to transform urban areas and protect the planet

KING'S HAS JOINED a major new research partnership funded by Wellcome Trust's £10m Our Planet, Our Health programme that aims to understand how best to transform and develop healthier cities, while also protecting the planet. The university's researchers are working with scientists and practitioners from academic institutions and organisations across four continents on *Pathways to Equitable Healthy Cities*. The project explores healthcare services as well as urban health disparities across transport, housing, water and waste management.

Six cities are acting as case studies for the project: London, Dhaka, Vancouver, Beijing and Accra and Tamale in Ghana. Insights from these cities are being analysed at the London Hub for Urban Health, Sustainability and Equality to develop a comprehensive picture of urban health across global populations. Computer modelling of the data will establish the potential success – and unintended consequences – of initiatives such as safe low-income housing and large public transport systems.

Over half of the world's population live in cities and by 2050 this figure is expected to rise to 70 per cent. Public services will become increasingly

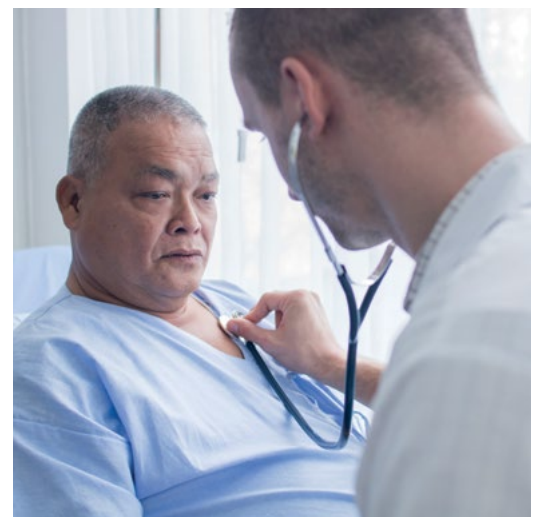
“
This new partnership will create a world-leading hub for urban health, addressing many of the unanswered questions that have previously stood in the way of progress.”

Professor Howard Frumkin, Head, Our Planet, Our Health at the Wellcome Trust

stretched as urban populations increase, impacting the health and wellbeing of city dwellers. *Pathways to Equitable Healthy Cities* aims to develop tangible solutions to these public health challenges that are rigorously evaluated, sustainable and adaptable to diverse environments.

Professor Majid Ezzati from Imperial College London is leading the global study, with Professor Frans Berkhout, Executive Dean in the Faculty of Social Science & Public Policy, coordinating King's involvement alongside Professor Frank Kelly, Professor of Environmental Health & Director of the Environmental Research Group at King's.

Professor Berkhout said, 'This is really exciting interdisciplinary research, working with stakeholders in diverse cities to achieve step-changes in health, especially in more vulnerable groups.' ■





CREATING AGE-FRIENDLY CITIES

Research highlights importance of an age-friendly capital

KING'S RESEARCH, in partnership with Transport for London (TfL), has suggested that global cities such as London must provide more accessible transport and age-friendly public environments so that older people feel able to stay active and get out and about.

In the research, which was carried out by Philip Corran, PhD student in the School of Population Health & Environmental Sciences, travel diaries of Londoners between 2005 and 2015 were analysed. This was part of an investigation into the challenges faced by older people with long-term health conditions or disabilities when travelling in the capital.

The study found that, on average, 16 per cent of Londoners did not leave their house on any given day, with people in their 70s twice as likely as people of working age to stay at home. It is widely recognised that travel facilitates social inclusion and the research highlights the importance of transport accessibility in tackling isolation. A simple walk to the bus stop gets someone out of the house, while taking a bus offers an opportunity for social interaction and can help tackle loneliness. Despite this, transport systems continue to favour those who are physically agile, can move quickly

“
Being able to get out and about is important for people to lead healthy, connected and fulfilling lives.
”

Philip Corran, PhD student and lead researcher, School of Population Health & Environmental Sciences

and have the necessary cognitive skills to navigate complicated transport networks.

It is estimated that there will be more than 750,000 Londoners aged over 75 by 2035, so it is vital that future development of the city takes the needs of older people into account. Keeping active is important for older people's health and wellbeing and key to this are public transport systems that encourage, rather than deter, their everyday mobility. The findings have been presented to TfL to aid their policy-making, providing evidence that should encourage transport operators to consider older populations when designing and developing future transport systems. ■





TOOTHDAY TUESDAY

King's educates young Londoners on the importance of dental hygiene

A QUARTER of children in England are starting primary school with decayed teeth and King's Faculty of Dentistry, Oral & Craniofacial Sciences is working with schools across the capital to help tackle this growing problem.

Tooth decay in children has become a national health crisis in the UK due to rising sugar intakes, regular snacking, sweet drinks and a low awareness of free NHS dental care for children among parents. It is a particular problem in London, which suffers some of the greatest rates of tooth decay in the country.

At Eldon Primary School in north London, 1,200 pupils aged between three and 11 took part in *Toothday Tuesday*, a day of fun-filled dental education featuring workshops, interactive games demonstrating how to clean and look after teeth and mass-participation toothbrushing sessions.

The event was designed by PhD student Claire McCarthy to support national efforts to reduce the number of days children are forced to take off school for medical appointments caused by poor dental health. Tooth decay is now the most common reason for young children to be admitted to hospital, with statistics from Public Health England showing almost half of all eight-year-olds suffer from untreated tooth decay. Children have

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Toothday Tuesday was a great way of working constructively with our pupils and parents to get a very important health message across in a fun and informative way.

Jane Flynn, headteacher of Eldon Primary School

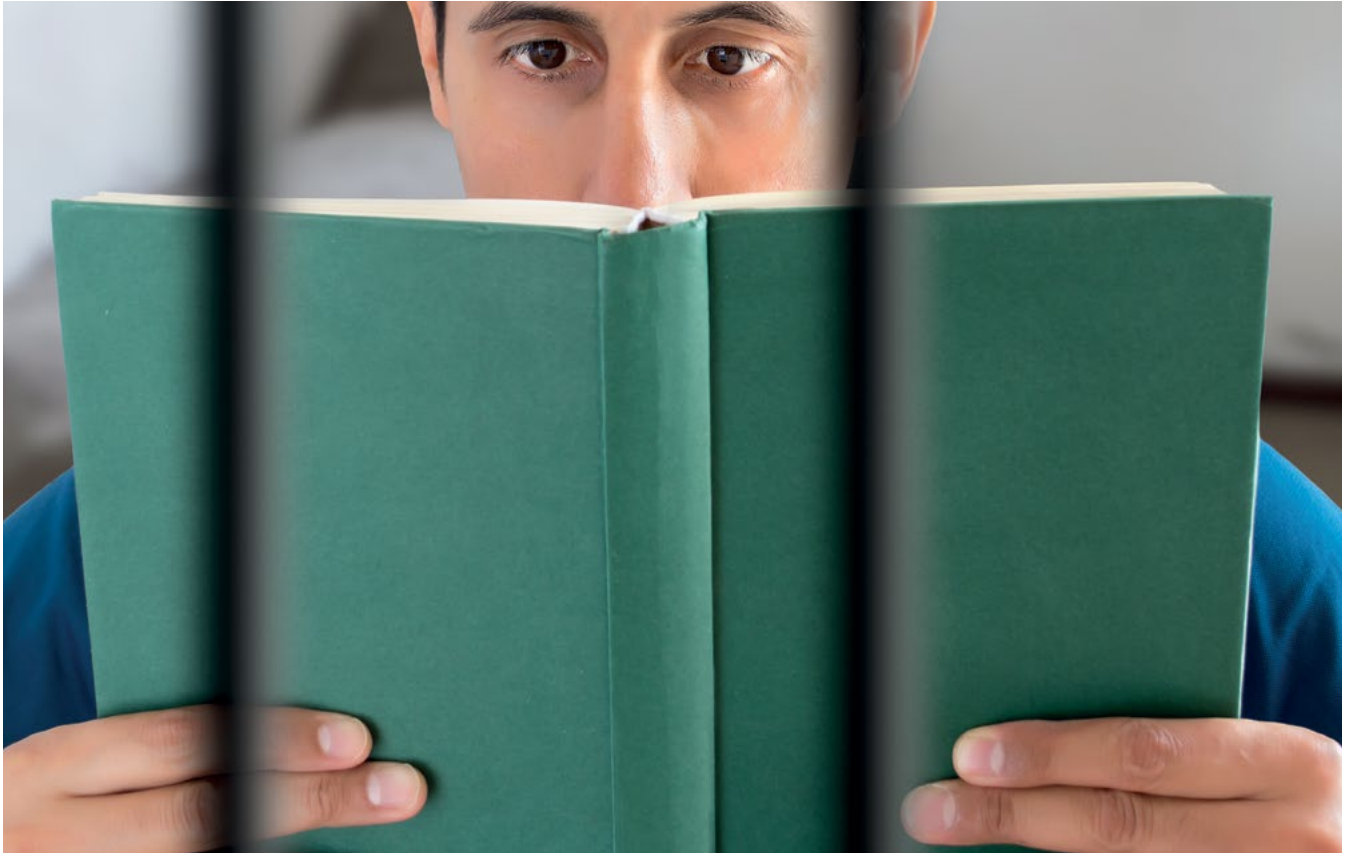
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also missed 60,000 days of school due to tooth extractions in the past year alone.

Councillor Achilleas Georgiou, Cabinet Member for Children's Services at Enfield Council, said 'Poor oral hygiene can result in unhelpfully high levels of absence among pupils and it is an area we are keen to tackle as a local authority.'

Claire McCarthy added, 'It's unforgivable that 35 per cent of 12-year-olds say they are too embarrassed to smile or laugh because of tooth decay. By going out into our local communities we can make a transformative difference to young people's dental wellbeing across the capital.' ■





LEARNING FROM THE INSIDE

Students put public interest law on trial
Her Majesty's Prison Belmarsh in London

KING'S LAW STUDENTS worked side-by-side with inmates at HMP Belmarsh in south-east London, giving the students unique insights into the UK's criminal justice system and translating their learning from knowing the law to practising the law.

Over six weeks, King's students and prisoners at HMP Belmarsh came together in small groups to explore public interest law, debating subjects such as fracking and its impact on local authorities. At each four-hour workshop the groups discussed and prepared materials to present at a mock trial at the end of the project.

Speaking about the experience, law student Liz Smillie, who plans to pursue a career in criminal law, said, 'The setting in which you learn makes all the difference. We were all being thrown into new areas of legal thought and practice... the difference being that some of us were men who had been deeply impacted by our criminal justice system. It makes facts and debates stick in your mind.'

The experience of working at HMP Belmarsh brought mutual benefits to undergraduates at The Dickson Poon School of Law and to the inmates living in the prison. It gave Belmarsh inmates the chance to interrogate the inner workings of the legal system in the UK, while offering law students

I learned to... reflect on legal issues from multiple perspectives – including through the lenses created by prisoners' perspectives.

Rocky Howe, participating student at The Dickson Poon School of Law

professional work experience within London's only Category A prison. Both students and inmates developed their problem-solving skills, with students focusing particularly on their active listening skills.

One of the distinctive aspects of the project was the non-divisive culture it inspired: a learning environment without separate categories for 'students' or 'prisoners' who were all new to public interest litigation, the focus for the module. 'We were all students together. Some from King's; some from Belmarsh,' said Liz Smillie. 'Some of us were vocal; others were silent. Some had done all the reading; others hadn't. It had nothing to do with which group you were from. In that sense, it was just like any other class.'

Reflecting on the impact of the partnership, she added, 'We were going to prison, not as an inmate, not as a visitor, and not as a tourist; rather, to work with other students. Not with prisoners – with other students who happen to be in prison.' ■





CARE FOR LOCAL COMMUNITIES

Tailored education programmes for diabetes patients from London's South Asian population

KING'S RESEARCHERS are working with London's South Asian population to offer customised self-management education programmes to patients living with type 2 diabetes.

People with South Asian heritage are up to six times more likely to have type 2 diabetes than the general population. South Asian communities also tend to have less safe diabetes management, putting them at a higher risk of serious health complications such as cardiovascular disease, with survival rates significantly lower than patients of Caucasian heritage.

The bespoke three-month course – Diabetes for South Asians (DoSA) – was developed over several years using research from King's College London and the University of Warwick, alongside the first-hand experiences of health workers and South Asian communities in London.

Type 2 diabetes is a long-term health condition characterised by high levels of glucose in the blood. The condition, which is often, but not always, associated with being overweight, can take many years to develop. If not diagnosed early enough, patients are at risk of further complications including heart disease, stroke, kidney disease, eye disease and nerve damage, which can lead to amputation.

“

DoSA is a high-quality, one-to-one education programme that will meet a huge need for tailored diabetes-related education among people of South Asian origin and lifestyle.

Rosie Walker,
Successful Diabetes

”

DoSA was co-created with patients from Sikh, Punjabi and Gujarati communities during three joint workshops held over six months. The resulting programme provided a range of resources to enable patients to confidently manage their condition. This included personal appointments with diabetes educators and a comprehensive, accessible guide incorporating information, stories and knowledge quizzes as well as sections where patients could track their personal diabetes journey.

Professor Jackie Sturt, Professor of Behavioural Medicine in Nursing in the Florence Nightingale Faculty of Nursing, Midwifery & Palliative Care at King's, said, 'Working with patients to develop the programme has been invaluable in ensuring that it speaks both to the broad South Asian population and, more specifically, the smaller communities within it.' ■





DIGITAL GHOST HUNT

King's fuses coding education and immersive theatre to inspire young Londoners

DIGITAL GHOST HUNT brought together coding education, augmented reality and live performance to create an immersive storytelling experience for London school children. Created by King's Digital Lab, part of the Faculty of Arts & Humanities, the project expands coding and digital technology beyond the national curriculum and job preparation to translate it into a tool to stir young people's imagination and creativity.

The event at Battersea Arts Centre saw 40 pupils from Shaftesbury Park Primary School in south London taken on a live theatrical journey. A team of actors worked alongside King's digital experts to design and deliver a thrilling augmented reality experience to inspire young people to think about digital education and coding in a new way.

The immersive ghost hunt experience began when a normal school assembly was interrupted by Deputy Undersecretary Quill from the Ministry of Real Paranormal Hygiene, there to recruit the school's Year 5 class into the Department's Ghost Removal Section. She told them it was due to their unique ability to see and interact with ghostly spirits. Under the tutelage of Deputy Undersecretary Quill and Professor Bray, the Ministry's chief scientist, the young ghost hunters had to track down the Battersea

“It was a thrilling and unforgettable experience for our pupils; they'd never seen coding used in such a dramatic and immersive setting before!”

Adam Seakens, Year 5 teacher, Shaftesbury Park Primary School

Arts Centre ghost by learning how to program their own paranormal detectors. Their devices – made from two microcomputers, a Raspberry Pi and a Micro:bit – allowed children to identify objects and locations touched by the ghost. Each had different capabilities, forcing the classmates to work together to discover ghostly traces, translate Morse code using flickering lights and find messages left in ectoplasm, or ultraviolet paint. Meanwhile, the ghost communicated through a mixture of traditional theatrical effects and the poltergeist potential of smart home technology. Together, the pupils unravelled the mystery of the ghost's haunting and helped to set it free.

The Digital Ghost Hunt was created by Elliott Hall, a senior developer in King's Digital Lab, alongside Tom Bowtell, founder of KIT Theatre, an immersive theatre company for children. It was supported by King's Digital Lab's '10 per cent programme', which invites the team to explore digital research innovations, and funded by an Arts & Humanities Research Council grant led by Mary Krell of the University of Sussex. ■





KING'S LONDON COLLECTIVE

New digital resource opens up King's research and teaching on London

ACROSS KING'S College London's multiple faculties, there is a vast body of knowledge on London and the issues this global city faces. A new, free-to-use resource brings together this collective body of expertise for the first time and makes it accessible to policy makers and businesses as well as local and global audiences.

The easy-to-navigate online database – King's London Collective – maps the work of hundreds of King's academics who are pursuing research and teaching on London. The database encompasses subjects as broad ranging as Education & Skills, Green Living and Urban Health & Wellbeing, organised around nine core themes. Research highlighted includes air pollution in the capital, London's financial future, urban mental health and the threat of terrorism. Teaching from across the university that draws on London is also featured, including modules such as *Lives of London* and *The Twentieth-Century City: From Modernity To Postmodernity*.

King's London Collective was built by King's Digital Lab, with the initial research led by Dr Alana Harris and Dr James Grande from the Faculty of Arts & Humanities and Dr Ruth Craggs from the Faculty of Social Science & Public Policy.

“

King's London Collective illuminates, communicates and consolidates King's vast and diverse insights into the city we make our home.

”

Dr Alana Harris, research lead on King's London Collective

Dr Alana Harris said, 'King's London Collective remarkably illuminates the work of hundreds of academics at King's who research and teach on London's people, places and future posterity.'

The development of King's London Collective underpins the university's commitment to draw London into King's and put its people and their expertise to work in ways that have meaning for London and its communities. The extent of the resource demonstrates how closely King's is interwoven with London as a living laboratory and as a place to live, work, study and experience the city. ■



KEY PEOPLE AND PARTNERS

KING'S COMMISSION ON LONDON *page 2*

The Policy Institute, King's College London
Tony Halmos, Director, King's Commission on London

The full membership of the Commission:

Lord Adonis, Baron Adonis PC (co-chair)
Professor Tony Travers, Director, LSE London (co-chair)
Sir Mark Boleat, Deputy Chairman, Policy and Resources Committee, City of London Corporation
Lady Victoria Borwick, Former Deputy Mayor of London
Baroness Bull (Deborah Bull), Vice President & Vice-Principal (London), King's College London and Crossbench Peer
Constantin Cotzias, Director, Bloomberg Europe
John Dickie, Director of Strategy and Policy, London First
Rt Hon Dame Margaret Hodge, MP for Barking
Abubakar Issa, King's student representative
Alexander Jan, Director, City Economics, Arup
Cllr Claire Kober OBE, London Councils, and then Leader, London Borough of Haringey
Roger Madelin CBE, Director, British Land PLC
Brian McAuslan, King's student representative
Baroness Neuberger, Senior Rabbi, West London Synagogue and Crossbench Peer
Hon Mike Rann, Former Premier of South Australia and Visiting Professor, The Policy Institute

Ben Rogers, Director, Centre for London
Justine Simons, Deputy Mayor of London, Culture & Creative Industries
Colin Stanbridge, Chief Executive, London Chamber of Commerce and Industry
Professor Anthea Tinker CBE, Institute of Gerontology, King's
Simon Walker CBE, Non-Executive Director, Department for International Trade, and former Director General, Institute of Directors
Baroness Wolf of Dulwich (Professor Alison Wolf), King's Business School and The Policy Institute, King's
Professor Charles Wolfe, Head of the School of Population Health & Environmental Sciences, King's

LEADING LIGHTS *page 3*

Science Gallery London Young Leaders:

Dharyl Usina
Mandeep Singh
Bella Spencer
Stacie Woolsey
Elly Magson
Laura-Joy Pieters
Richard Dixon
Angela Wereko-Anderson

POWER TO THE PARENTS *page 4*

Anne-Marie Canning MBE, Director of Social Mobility and Student Success
Michael Bennett, Associate Director of Widening Participation
Paul Webb, Widening Participation Officer (pre-16)
James Asfa, Lead Organiser, South London Citizens

LONDON AS A LIVING CLASSROOM *page 5*

Paul Reid, Director of Black Cultural Archives
Dr Alana Harris, Lecturer in Modern British History
Dr Anna Maguire, Teaching Fellow in Twentieth Century British History

Dr Paula Baraitser, Senior Lecturer, King's Centre for Global Health and Health Partnerships

THE BUSINESS OF LEARNING *page 6*

Professor Stephen Bach, Executive Dean of King's Business School
Greg Ward, Director of Economy, Westminster City Council
Westminster City Council Business Unit
Two Way Media
Chip[s] Board
Timothy Han/Edition
Conversio
Moreton Place

WORKING TO KEEP LONDON SAFE *page 7*

Professor Wyn Bowen, Head of the School of Security Studies
Professor Brooke Rogers, Professor of Behavioural Science and Security
Dr Julia Pearce, Lecturer in Social Psychology and Security Studies
Dr Tim Stevens, Lecturer in Global Security

THE FEEL-GOOD FACTOR *page 8*

Alyx Murray-Jackman, Physical Activity Coordinator, King's Sport
Rachel Kearney and Sophie Kennedy, King's GoodGym leaders
GoodGym

ARTS IN MIND FESTIVAL *page 9*

Professor Patrick Leman, Dean of Education, IoPPN
Professor Anthony David, Vice-Dean, Academic Psychiatry, IoPPN
Dr Anna Kolliakou, Knowledge Exchange Associate (Culture)
Abbie Russell, Elliot Wright, Louise Pratt, Robin Bisson, Robin Maginn, Shivani Gunasekaran, IoPPN communications team

Alison Duthie, Kate Dunton, Katherine Bond, Leanne Hammacott, Sophie Branscombe (Culture)
Ruth Garde, Producer

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Nick O'Donnell, Director of Real Estate Management
Paloma Lisboa, Director of Student Residences
Brenna Haydock, Community Engagement Officer
Kat Thorne, Head of Sustainability

AN ENTREPRENEURIAL JOURNEY *page 11*

King's Entrepreneurship Institute
London South Bank University
University of Westminster
Birkbeck, University of London
Brunel University London
University of East London
UAL: London College of Fashion
Loughborough University London
UCL (University College London)
Amazon Fashion
Hello Fresh
Deliveroo
Barclays
Campus London
Creative Entrepreneurs
Innovation Warehouse
Geovation
Accenture
Digital Capital
Wayra
Royal Academy of Engineering

KING'S HEALTH PARTNERS *page 12-13*

King's Health Partners:

Professor Sir Robert Lechler, Executive Director
Jill Lockett, Director of Performance & Delivery
Professor John Moxham, Director of Clinical Strategy
Professor Reza Razavi, Director of Research
Professor Anne Greenough, Director of Education and Training

Joseph Casey, Deputy Director of Programme Delivery
Sarah Garrity, Head of Human Resources

REVIVED

Lead investigator, Dr Divaka Perera, Consultant Interventional Cardiologist at Guy's and St Thomas' NHS Foundation Trust and Professor of Cardiology Clinical Trials Unit, London School of Hygiene & Tropical Medicine

REVIVED is a multi-centre study, funded by the National Institute for Health Research (NIHR)

Neuro-rehabilitation service

Dr Emer McGilloway, Consultant and Clinical Lead for Rehabilitation at King's College Hospital NHS Foundation Trust
Dr Ranga Rao, Clinical Director of Psychological Medicine and Integrated Care at South London and Maudsley NHS Foundation Trust
Dr Mark Kinirons, Joint Clinical Director for Acute Medicine and Adult Local Community at Guy's and St Thomas' NHS Foundation Trust
Heather Campbell, Clinical Lead and Head of Neurorehabilitation Service, Guy's and St Thomas' NHS Foundation Trust
Pulross Intermediate Care Centre, Lambeth
Orpington Hospital, Bromley
Clinical Commissioning Groups in Lambeth, Southwark, Lewisham, Greenwich, Bexley and Bromley

3 Dimensions for Long-Term Conditions

Professor Khalida Ismail, Professor of Psychiatry and Medicine
Dr Carol Gayle, Consultant Diabetologist, King's College Hospital
Supported by a grant from The Health Foundation's Scaling Up improvement programme

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Mayor of London
Greater London Authority
Timothy Baker, Principal Air Quality Analyst
Andrew Grieve, Senior Air Quality Analyst
London Air Quality Network
Donald Heslop, Chair of Better Bankside
Better Bankside Business Improvement District
The Northbank Business Improvement District
King's Environmental Research Group, Division of Analytical & Environmental Sciences

STREAMING IN THE CITY page 15

Staff and postdoctoral researchers in King's Department of Informatics
Guildhall School of Music & Drama
The City of London Corporation
Brandenburg Gate Museum
Vodafone
Ericsson
Dr Ali Hossaini
Alain Renaud, MINTLab
Professor Dr Alexander Carôt, Hochschule Anhalt

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Dr Leonie Ansems de Vries, Lecturer in International Relations
Koto Akiyoshi, BA graduate in War Studies and Philosophy, King's
Migration Research Group

HEALTHY CITIES FOR ALL page 17

Howard Frumkin, Wellcome Trust
Professor Majid Ezzati, Professor John Polak, Dr Michael Templeton and Dr Mireille Toledano, Imperial College London (partnership lead)
Professor Frans Berkhout and Professor Frank Kelly, King's College London
Professor Samuel Agyei-Mensah, University of Ghana
Dr Jill Baumgartner, McGill University

Dr Kavi Bhalla, The University of Chicago
Professor Michael Brauer, The University of British Columbia
Professor Sabina Rashid, BRAC University
Dr Brian Robinson, McGill University
Professor John Spengler, Harvard T H Chan School of Public Health
Professor Xudong Yang and Dr Ying Long, Tsinghua University
Professor Yvonne Doyle, Public Health England and Health Advisor to the Mayor of London

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Philip Corran, PhD student and lead researcher
Lucy Saunders, Public Health Consultant, Transport for London
Rebecca Steinbach, Assistant Professor, London School of Hygiene & Tropical Medicine
Judith Green, Chair in Sociology of Health

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Claire McCarthy, PhD student
Oral-B 'Strong Teeth Make Strong Kids' campaign
The British Society of Dental Hygiene & Therapy
Eldon Primary School
Enfield Council

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Dr Emily Barritt, Lecturer in Tort Law
Elaine Player, Professor of Criminology & Criminal Justice
Steve Levett, Legal Clinic Director & Director of Clinical Legal Education
Students in The Dickson Poon School of Law
King's Legal Clinic
Learning Together
HM Prison Belmarsh

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Professor Jackie Sturt, Professor of Behavioural Medicine in Nursing
University of Warwick
London Boroughs of Bexley, Greenwich and Lewisham
Bexley Health Limited
Rosie Walker, owner and director, Successful Diabetes
Tim Loveridge, Managing Director Clinical Services, Spirit Healthcare

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Elliot Hall, Senior Developer, King's Digital Lab
Tom Bowtell, Founder, KIT Theatre
Mary Krell, Senior Lecturer in Media & Film Studies, University of Sussex
Dr Carina Westling, Visiting Research Fellow, King's Digital Lab
Dr Arianna Ciula, Deputy Director & Senior Analyst, King's Digital Lab
Lighthouse, Brighton
Battersea Arts Centre
Robert Morgan, Playlines
Brickwall Films
AHRC Next Generation of Immersive Experiences programme

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Dr Alana Harris, Lecturer in Modern British History
Dr James Grande, Lecturer in Eighteenth-Century Literature and Culture
Dr Ruth Craggs, Senior Lecturer in Cultural and Historical Geography
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*It's our deeds
that define us.*
