



THE LONGEVITY

F O R U M



LONGER
HEALTHIER
FULFILLED
LIVES

Inaugural Conference

MONDAY 5TH NOVEMBER 2018

The Wellcome Collection
183 Euston Rd, London NW1 2BE

WHAT IS THE LONGEVITY FORUM?

The Longevity Forum is a not-for-profit initiative committed to achieving longer, healthier and more fulfilled lives for as many as possible.

We believe that **increased longevity presents the biggest opportunity of the 21st century** which will require thoughtful but rapid response to ensure that we as a society can reap the dividends arising from longevity. With every country in the world experiencing an ageing population the individuals, companies and countries which best adapt will seize a substantial competitive advantage. We believe that the United Kingdom could have a significant global advantage in this area due to the unique convergence of skills in the areas of science, technology and finance.

We also firmly believe that for the longevity ecosystem to function properly, greater awareness is needed earlier in the lifecycle to ensure that longevity turns into an opportunity rather than a burden on society. This is why we take an inter-generational approach to problem-solving, covering the full lifecycle rather than simply focusing on the end of

life. Furthermore, we believe that in this new era of longevity, education, financial planning and scientific progress will be much more interconnected than ever, requiring an unprecedented period of collaboration between the public and the private, the science and society.

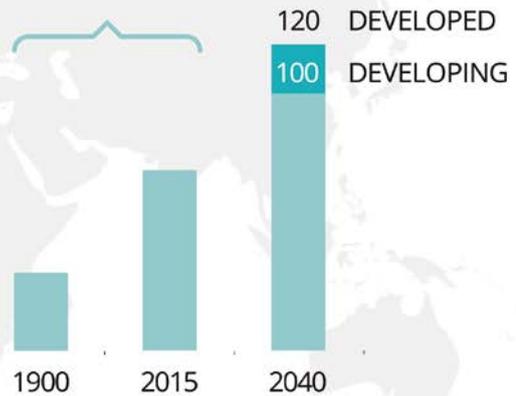
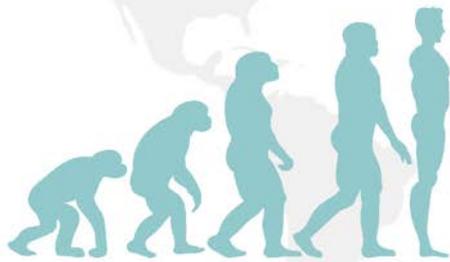
The Longevity Forum brings together two key pillars of the longevity debate – science and society.

As science catches up with the human aspirations of living longer, a new approach to public health is urgently required. Our **Juvenescence** agenda advocates a new model for both health promotion and disease prevention which can support healthy longevity, increase life expectancy, improve overall productivity and ensure that healthcare spend is focused on preventing the diseases of ageing rather than on curing them.

WORLDWIDE LIFE EXPECTANCY

FOUR MILLION YEARS PRODUCED
AN 11-YEAR INCREASE FROM 20 TO 31

115 YEARS PRODUCED
A 41 YEAR INCREASE



SOURCE: UN POPULATION DIVISION, WORLD BANK WORLD HEALTH ORGANISATION

At the same time, our **100 Year Life** agenda recognises that living healthy and long lives without changes to the three-stage structure of life - school, work and retirement - which has defined the 20th century, will not necessarily lead to fulfilled lives. With this in mind, we advocate a move towards a life structure which is better suited to the 21st century, with radical changes to how we approach education, careers, our finances and our family life.

Our inaugural forum will address a host of issues pertaining to the full human life cycle – both from a scientific and a social science perspective. We have brought together key opinion leaders from the

worlds of government, business, science and education, to identify immediate and long-term priorities for The Longevity Forum.

We are confident that this event is an important step which will contribute to the creation of ideas and solutions and we look forward to working with government, businesses, science and education partners to take those ideas and solutions forward.

There is no time to waste.

London, 5 November 2018

Jim Mellon, Andrew Scott and Dafina Grapci-Penney

Founders, The Longevity Forum

PROGRAMME

10:30	Registration & Coffee	Williams Lounge
11:00	Welcome <ul style="list-style-type: none">• Jim Mellon, Juvenescence Limited and The Longevity Forum• Andrew Scott, London Business School and The Longevity Forum	Auditorium
11:05	Keynote A New Map of Life <ul style="list-style-type: none">• Laura Carstensen, Stanford University	Auditorium
11:35	Juvenescence <ul style="list-style-type: none">• Jim Mellon, Juvenescence Limited and The Longevity Forum	Auditorium
11:45	Science Keynote I A Unified Theory of Ageing: Implications for Biotechnology and the Future of Healthcare <ul style="list-style-type: none">• Mike West, AgeX Therapeutics	Auditorium
12:10	Science Keynote II The Age of Ageing Research is Now <ul style="list-style-type: none">• Eric Verdin, Buck Institute	Auditorium
12:30	Juvenescence Panel <ul style="list-style-type: none">• Jim Mellon, Juvenescence Limited and The Longevity Forum (Moderator)• David Collinson, Pension Insurance Corporation• John Mattick, Genomics England• Eric Verdin, Buck Institute• Mike West, AgeX Therapeutics	Auditorium
13:10	Lunch	Williams Lounge

14:10	Keynote Address <ul style="list-style-type: none"> • The Rt Hon Matt Hancock, Secretary of State for Health and Social Care 	Auditorium
14:40	100 Year Life <ul style="list-style-type: none"> • Andrew Scott, London Business School and The Longevity Forum 	Auditorium
14:55	100 Year Life Panel <ul style="list-style-type: none"> • Andrew Scott, London Business School and The Longevity Forum (Moderator) • Claer Barrett, Financial Times • Joanne Cash, Mind Gym • Lynda Gratton, London Business School • Adair Turner, Institute for New Economic Thinking • David Willetts, Resolution Foundation 	Auditorium
15:35	The Real Fountain of Youth <ul style="list-style-type: none"> • Marc Freedman, Encore.org 	Auditorium
15:45	Afternoon Break	Williams Lounge
16:05	Breakout Sessions Science & Health Life Transitions (Encore Fellows UK & Education)	Auditorium Franks/ Steel Room
17:30	A Life Well Lived Panel <ul style="list-style-type: none"> • Dafina Grapci-Penney, The Longevity Forum (Moderator) • Marie-Elsa Bragg, Novelist and Priest • Pamela Druckerman, Journalist and Author • Dr Eliza Filby, Academic, Author and Generations Expert • Dame Esther Rantzen DBE, The Silver Line • Robert Rowland Smith, Author and Philosopher 	Auditorium
18:20	Farewell Address & Next Steps	Auditorium
18:30	Drinks Reception	Reading Room

TRUSTEE

JIM MELLON



Jim Mellon is a British entrepreneur and investor with a wide range of interests. Through his private investment company, Burnbrae Group, he has substantial real estate holdings in Germany and the Isle of Man, as well as holdings in private and public companies.

Jim's investment philosophy is underpinned by his ability to recognise emerging trends that give rise to new industries or major shifts in markets.

These trends which often turn into "money fountains" have included the financial crisis of 2008-2009, as foreseen in first book Jim co-authored entitled "Wake Up!", and subsequently in the new science and technologies detailed in "Cracking the Code" and "Fast Forward". Jim's current area of investment is the field of longevity, and is outlined in the book "Juvenescence".

For decades, scientists have quietly been working away to understand the fundamental mechanisms of ageing. As a result of this progress, scientists have been reproducibly altering the rates of ageing and maximum lifespan in animal models. These

discoveries are being translated into humans and will soon give rise to the largest industry on the planet.

Jim and his partners have now set up Juvenescence Limited, a company developing therapies for ageing and the diseases of ageing, to capitalise on this money fountain.

Jim sits on the Board of Trustees of the Buck Institute for Research on Aging, and is also a trustee of Biogerontology Research Foundation and Lifeboat Foundation. Jim is an Honorary Fellow of Oriel College, Oxford. It has also been announced that Jim is soon to be honoured by the American Federation for Aging Research with the George E. and Marie J. Doty Award for his support of ageing research.

TRUSTEE

ANDREW SCOTT



Andrew Scott is a Professor of Economics and former Deputy Dean at London Business School.

He previously held lecturing positions at Harvard University, London School of Economics and Oxford University. His MA is from Oxford, his M.Sc. from the London School of Economics and his D.Phil. from Oxford University.

His research focuses on business cycles, monetary and fiscal policy and longevity. He has published widely in leading journals and with David Miles and Francis Breedon is author of a textbook, “Macroeconomics: Understanding the Global Economy” now in its Third Edition. His book, with Lynda Gratton, “The Hundred Year Life” has been published in 14 languages, is an Amazon best seller and was runner-up in the FT/McKinsey Business Book of the Year Award 2016 and

Japanese Business Book of the Year Award 2017.

Previously he was Managing Editor for the Royal Economic Society’s Economic Journal and Scientific Chair of the Euro Area Business Cycle Network and Non-Executive Director for the UK’s Financial Services Authority 2009-2013. He has been an advisor on Monetary Policy to the House of Commons Treasury Select Committee and to Chief Economists at both the Bank of England (on monetary policy) and H.M.Treasury (on fiscal policy and debt management). He is currently on the advisory board of the UK’s Office for Budget Responsibility and the Cabinet Office Honours Committee (Science and Technology).

TRUSTEE

DAFINA GRAPCI-PENNEY



Dafina Grapci-Penney is a Trustee of The Longevity Forum. She is Managing Director at Greentarget, a consultancy advising global corporates and financial institutions on all aspects of their corporate, financial and policy communications.

Dafina regularly advises firms operating at the cutting edge of finance and technology on their communications strategies with a wide range of stakeholders. She has a deep understanding of global drivers and macro trends that influence how businesses operate and prepare for the future.

Dafina is particularly interested in emerging inter-generational trends as a result of increases in longevity and the role that public policy, businesses and technology can play together to influence positive outcomes for individuals and the society.

On behalf of the Longevity Forum, Dafina will seek to develop partnership with a wide

range of external stakeholders, including financial institutions and corporates, governments, public policy bodies and foundations with the view to helping shape the agenda of the Forum and further its mission.

Dafina began her career in communications with NATO's peacekeeping operation in the Balkans, followed by roles in the financial practice of Weber Shandwick, one of the world's largest global public relations firms. She is member of the organising committee of Help for Children, a global foundation supported by the alternative asset management industry, and the Centre for the Study of Financial Innovation.

The Longevity Forum

Anthony Chow, Treasurer

Laura Walker and Trish Wilson, Organisers

Many thanks to Ex Events and studiokaioti.com



KEYNOTE SPEAKERS





THE RT HON MATT HANCOCK MP

Matt Hancock MP was appointed Secretary of State for Health and Social Care on 9 July 2018. He was Secretary of State for Digital, Culture, Media and Sport from 8 January 2018 to 9 July 2018.

He was previously Minister of State for Digital from July 2016 to January 2018.

Matt Hancock is the MP for West Suffolk, having been elected in the 2010 general election. From 2010 Matt served as a backbencher on the Public Accounts Committee and the Standards & Privileges Committee. Matt entered government in September 2012 and has served in a number of Ministerial Roles, including for skills and business, and as Paymaster General. He oversaw the expansion of apprenticeships, and championed the digital transformation of government.

From July 2016 he served at DCMS as Minister of State for Digital and was responsible for broadband,

broadcasting, creative industries, cyber and the tech industry.

Before entering politics, Matt worked for his family business, as an economist at the Bank of England, and as Chief of Staff to the Shadow Chancellor of the Exchequer. He holds degrees from Oxford and Cambridge Universities.

Matt is married to Martha and has three young children. He is the first MP in modern times to win a horse race, having raced to victory at the Newmarket July Course in August 2012. He is an avid cricketer and plays for the Lords & Commons Cricket team. Matthew once played the most northerly game of cricket on record, and succumbed to frostbite en route to the Pole. He retains all his fingers.



LAURA L. CARSTENSEN

Laura is a Professor of Psychology and the Fairleigh S. Dickinson Jr. Professor in Public Policy at Stanford University where she serves as founding director of the Stanford Center on Longevity.

Her research has been supported continuously by the National Institute on Aging for more than 25 years and she is currently supported through a prestigious MERIT Award. In 2011, she authored the book, "A Long Bright Future: Happiness, Health, and Financial Security in an Age of Increased Longevity". Dr Carstensen has served on the National Advisory Council on Aging and the MacArthur Foundation's Research Network on an Aging Society. In 2016

she was inducted into the National Academy of Medicine. She has won numerous awards, including the Kleemeier Award from the Gerontological Society of America, a Guggenheim fellowship, and the Master Mentor Award from the American Psychological Association. She received a BS from the University of Rochester and PhD in clinical psychology from West Virginia University.



ERIC VERDIN

Eric is the President and CEO of the Buck Institute for Research on Aging. A native of Belgium, Dr Verdin received his Doctorate of Medicine (MD) from the University of Liege and additional clinical and research training at Harvard Medical School.

He has held faculty positions at the University of Brussels, the National Institutes of Health (NIH), the Picower Institute for Medical Research and the Gladstone Institutes. Dr Verdin is also a Professor of Medicine at University of California, San Francisco. Dr Verdin's laboratory focuses on the role of epigenetic regulators in the ageing process. His laboratory was first to clone a family of enzymes, called HDACs, which regulate histone acetylation. Dr Verdin studies how metabolism, diet and small molecules regulate the activity of HDACs and Sirtuins and thereby the ageing process and its associated diseases,

including Alzheimer's. He has published more than 210 scientific papers and holds more than 15 patents. He has been recognized for his research with a Glenn Award for Research in Biological Mechanisms of Aging and a senior scholarship from the Ellison Medical Foundation. He is a fellow of the American Association for the Advancement of Science and an elected member of the American Society for Clinical Investigation and the Association of American Physicians. He also serves on the Advisory Council of NIDA at the National Institutes of Health.



MICHAEL D. WEST

The founding CEO of longevity medicine startup AgeX Therapeutics, Dr Michael West's entire career has been focused on unraveling the mysteries of human ageing.

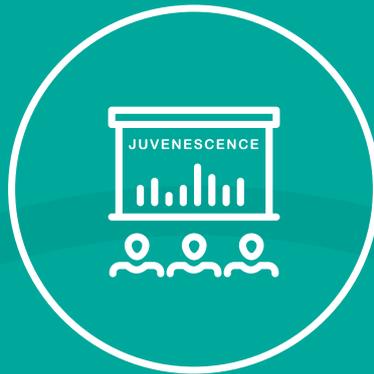
From his scientific training, to his founding and helping a variety of successful biotechnology companies focused on immortal "pluripotent" cellular therapies, to authoring a popular book on the topic.

Dr West served as CEO of AgeX's parent company, BioTime (BTX) CEO from 2007 to 2015 and as co-CEO through September 2018. From 1998 to 2007, he served in a variety of leadership positions including Chairman, CEO and CSO at Advanced Cell Technology, which, as Ocata Therapeutics, was acquired by Japanese pharma giant Astellas in 2016 for \$379 million.

In 1992 Dr West founded Geron Corp. (GERN; short for Gerontology), probably the first regenerative medicine company, securing backing from Kleiner, Perkins, Caufield & Byers, and Venrock. While at Geron he recruited for the company's scientific

team Drs Elizabeth Blackburn, Carol Greider and Jack Szostak, who collectively went on to win the Nobel Prize in Medicine. At Geron he also created the research consortium with Professor James Thomson that led to the first isolation of human embryonic stem cells.

Dr West holds a B.S. from Rensselaer Polytechnic Institute, an M.S. in Biology from Andrews University, and a Ph.D. from Baylor College of Medicine, focused on the biology of cellular ageing. He is the author of numerous articles in peer-reviewed scientific journals, as well as "The Immortal Cell: One Scientist's Quest to Solve the Mystery of Human Ageing" (Doubleday, 2003). He has appeared as a guest on NBC's "Meet the Press" and has testified on the therapeutic potential of regenerative medicine before the United States Congress.



JUVENESCENCE PANEL

For decades, scientists have been working to understand the complex process of ageing by studying model organisms. This research has unveiled a number of molecular pathways implicated in the ageing process and the manipulation of these has generated robust and reproducible results, positively altering healthspan and lifespan. Some of this research is already being translated into the clinic, and it is anticipated that the first therapies to address ageing as a unitary disease will be available within 5 years.



DAVID COLLINSON

David is a member of the team that founded Pension Insurance Corporation (“PIC”), and is currently Head of Strategy. Previously he jointly headed the new business team and managed some of PIC’s largest bulk annuity transactions.

David helped develop PIC’s approach to acquiring, pricing and hedging longevity risk as part of its bulk annuity business. Prior to helping establish PIC David was Global Head of M&A at Watson Wyatt.

David is a qualified actuary and holds a mathematics

degree from Cambridge University. Outside of work David is leading the Wild Wheelchairs Project, which is developing solar powered handcycles capable of being ridden by amputees to the top of Ethiopia’s highest mountain.



JOHN MATTICK

John is the Chief Executive of Genomics England. He was previously Director of the Garvan Institute of Medical Research in Sydney, where he established one of the first clinically accredited genome analysis enterprises.

He was a member of the Australian Health Ethics Committee, where he was involved in the development of the National Statement on the Ethical Conduct of Research involving Humans, and the Australian Law Reform Commission Report into the Protection of Human Genetic Information. Internationally, he has also been a member of the Council of Scientists of the Human Frontier Science Program, a member of the Council of the Human Genome Organisation and Chair of several Genome Canada competitions and reviews.

Professor Mattick showed that the majority of the human genome is not junk but rather specifies an RNA-based regulatory system that organises our development. He has published over 300 papers, which have been cited over 50,000 times. His

honours and awards include the inaugural Gutenberg Professorship of the University of Strasbourg, the Order of Australia, Fellowship of the Australian Academies of Science, Technology & Engineering, and Health & Medical Sciences, Membership of the European Molecular Biology Organization, Honorary Fellowship of the Royal College of Pathologists of Australasia, the International Union of Biochemistry and Molecular Biology Medal, the Human Genome Organisation Chen Award for Distinguished Achievement in Human Genetic & Genomic Research, and the University of Texas MD Anderson Cancer Center Bertner Award for Distinguished Contributions to Cancer Research.

Also on Panel - Eric Verdin & Michael West



100 YEAR LIFE PANEL

Key to longevity is a longer life which means more time. How do we structure that time to best effect and what changes do we need to make to our institutions, our finances, our education and the world of work? How far advanced are we already and what do we need to prioritise in order to support longer healthier and more fulfilled lives?



CLAER BARRETT

Claer is the personal finance editor at the Financial Times, managing a team of seven specialist reporters who produce daily news for FT.com, the FT newspaper, and FT Money, the weekend personal finance supplement.

Her weekly Serious Money column, covering all aspects of finance and investing, has netted her a string of awards including the coveted Headline Money journalist of the year.

An experienced broadcaster, Claer presents a daily finance slot on Eddie Mair's new LBC drivetime show

and is an expert on the BBC1 series Right on the Money. She also presents the weekly FT Money Show podcast. Her ten year FT career includes stints as a news editor, breaking news reporter and retail correspondent. She was the property correspondent for Investors Chronicle and, for six years, Managing Editor of the leading weekly B2B magazine, Property Week.



JOANNE CASH

Joanne is the Board Chair of behavioural science business Mind Gym, which successfully listed on Aim in June 2018, as well as the founder of its national award-winning programme Parent Gym.

Mind Gym specialises in effecting behavioural change through learning with an increasing emphasis on technology from diagnostics to gamification and AI.

A former barrister, Joanne has led Mind Gym's research on wellbeing, talent development, inclusion, ethics and most lately the future of work, partnering with leading thinkers from Professor Jonathan Haidt to Professor Tomas Chamorro Premuzic.



LYNDA GRATTON

Lynda is a Professor of Management Practice at the London Business School and founder of the Hot Spots Movement.

She has written extensively on the future of work and the role of corporation, her eight books have received various awards and her most recent book 'The 100-Year Life' was shortlisted for the FT Business Book of the Year. Lynda has served on Prime Minister Abe's "Council for Designing 100-Year Life Society." Global

recognition includes the Tata prize in India, the HR prize in Australia, the annual Fellow of NAHR and the LBS Best Teacher Award. Lynda is a fellow of the World Economic Forum, she has chaired the WEF Council on Leadership and currently serves on the digital advisory board of Equinor.



LORD ADAIR TURNER

Lord Adair Turner has been Chair of the Institute for New Economic Thinking since 2015 and of the Energy Transitions Commission since 2016.

He is also Chairman of Chubb Europe, the world's largest property and casualty insurer, and a non executive director of Prudential plc.

From September 2008 until 2013, Lord Turner chaired the UK's Financial Services Authority, and played a leading role in the post crisis redesign of global banking and shadow banking regulation as Chair of the International Financial Stability Board's major policy committee.

Lord Turner's career has spanned business, public policy and academia. He was at McKinsey & Co (1982-1995); was Director General of the Confederation of British Industry (1995-2000); Vice-Chairman of Merrill Lynch Europe (2000-2006) and a Non-Executive Director of a number of companies, including Standard Chartered plc (2006-

2008). He chaired the UK Low Pay Commission from 2002-06; the Pensions Commission (2003-2006); and was the first chair of the UK Climate Change Committee from 2008-12. He became a crossbench member of the House of Lords in 2006.

He is Senior Fellow at the Centre for Financial Studies (Frankfurt); a visiting professor at the London School of Economics and at Cass Business School; a Visiting Fellow at the People's Bank of China School of Finance, Tsinghua University (Beijing). He writes regularly for Project Syndicate, and has recently published "Between Debt and the Devil" (Princeton 2015) translated into Chinese, Japanese, French and Portuguese, and Economics after the Crisis (MIT 2012) also translated to Chinese.



RT HON. LORD DAVID WILLETTS

The Rt Hon. Lord David Willetts FRS is the Executive Chair of the Resolution Foundation. He served as the Member of Parliament for Havant (1992-2015), as Minister for Universities and Science (2010-2014) and previously worked at HM Treasury and the No. 10 Policy Unit.

Lord Willetts is a visiting Professor at King's College London, a board member of UK Research and Innovation (UKRI), a Board member of Surrey Satellites and of the Biotech Growth Trust. He is Chair of the British Science Association. He is a member of the Board of the Crick Institute and a Trustee of the Science Museum. He is an Honorary Fellow of Nuffield College, Oxford. He is an Honorary fellow of the Royal Society. He is Chancellor of the University of Leicester.

Lord Willetts has written widely on economic and social policy. His book 'The Pinch' about fairness between the generations was published in 2010. His latest book "A University Education" is published by Oxford University Press.

He is an honorary fellow of The Royal Society, of the Royal College of Physicians, and received an Honorary Degree from Cambridge University in 2017.



A LIFE WELL LIVED PANEL

To understand what will constitute a good life in the era of longevity requires a deeper understanding of the inter-generational trends shaping our society today. What are the shifting value systems of generations X, Y and Z, and how do they compare to the baby boomers and the silent generation? Has the definition of what makes a good life changed and how do we equip each generation to fulfill their competing needs? The panel will offer a perspective on how each generation is adapting to the opportunities and challenges presented by increases in longevity and what this means for how our societies will evolve in the future.



MARIE-ELSA BRAGG

Marie-Elsa is an author, priest, therapist and Duty Chaplain of Westminster Abbey. Her novel, “Towards Mellbreak”, is about four generations of a quiet hill farming family on the North Western fells of Cumbria.

She has contributed articles and interviews for papers such as the Telegraph and the Church Times; Radio pieces for BBC Radio 4 and interviews for literary festivals and Story Vault Films.

Marie-Elsa has been a Spiritual Director for over 20 years and an Ignatian (Jesuit) Spiritual Director for over 18 of those years. As a Spiritual Director, she works with individuals and groups in daily life

and leads workshops and retreats. Her work is with people from different walks of life, traditions, religions and experiences of faith whilst also dedicating part of her work to those in religious orders such as monastic orders, clergy and the Padre's of the Royal Navy. She also lectures on subjects around theology, religion, tradition, ritual, interfaith and spirituality.



PAMELA DRUCKERMAN

Pamela is the author of four books including “There Are No Grown-Ups: A Midlife Coming-of-Age Story” and “Bringing Up Bébé: One American Mother Discovers the Wisdom of French Parenting” (its UK title is “French Children Don’t Throw Food”). Pamela is also a Contributing Opinion Writer for The New York Times, where she writes about France, cross-cultural issues and daily life.



ELIZA FILBY

Dr Eliza Filby is a speaker, academic and consultant who specialises in generational identities, behaviours, values and traits from Baby Boomers to Gen Alpha.

Eliza received her PhD from the University of Warwick in contemporary history and worked as a lecturer in modern British history at King's College London and Renmin University in Beijing. In 2014 she founded GradTrain, now one of UK's leading companies for graduate training. She published her first book - “God and Mrs Thatcher” - in 2015 and is currently writing her second book, a global history of generations to be published in 2019. Eliza has advised companies from private banks to magic

circle law firms, from the beauty industry to UK government departments. Past clients include: Pictet Bank; Barclay's, F&C Investment Trust; Bank of Montreal, the UK Ministry of Defence; VICE media, and leading manufacturer, Procter and Gamble. Eliza has spoken on this topic at a range of forums including the Financial Times' 125 Senior Executive Forum, Women's Network Forum at Buckingham Palace and the EU Human Rights Forum.



DAME ESTHER RANTZEN DBE

Dame Esther received an OBE for services to broadcasting, a CBE for services to children, and in the New Year Honours of 2015, a DBE for services to children and older people through ChildLine and The Silver Line.

A graduate from Oxford, Esther Rantzen's career in broadcasting began with BBC Radio as a sound effects assistant. From there she moved into television as a researcher/reporter for Braden's Week and then in 1973 as producer/presenter of That's Life, which ran for 21 years on BBC Television. Esther has made a number of pioneering programmes on subjects such as British women's experience of childbirth, stillbirth, mental health and child abuse. In 1986 she invented the concept of ChildLine and chaired the charity for 20 years. After the merger of ChildLine with the NSPCC in February 2006, Esther became President of ChildLine and a trustee of the NSPCC. In 2012 she invented The Silver Line, a

helpline for older people and having chaired it in its first year, she is now its President and a Trustee.

She contributes regularly to the Daily Mail and other publications, and lectures on children's issues, broadcasting and is the only Trustee so far to have appeared on Strictly Come Dancing, been in ITV's Australian jungle and appeared on Question Time while standing as an independent candidate for Luton South. For her work in broadcasting and for children she has been awarded 7 honorary doctorates, and is a Patron of 19 charities.



ROBERT ROWLAND SMITH

Robert is a British author and philosopher. His books include "Derrida and Autobiography", "Breakfast with Socrates: The Philosophy of everyday life", and "AutoBioPhilosophy. An intimate story of what it means to be human".

From 1975 to 1983 he attended Dulwich College in south London. He read English Language and Literature at Mansfield College, Oxford, where he was a Scholar, graduating in 1988 with a First.

From 1988-1990 Smith was a doctoral student at Wolfson College, Oxford, specialising in the work of French philosopher Jacques Derrida. In 1990 he was elected to a Fellowship by Examination ('Prize Fellowship') at All Souls College, Oxford. He was awarded a D.Phil. in 1991. While a Fellow of All Souls, Smith also held lectureships at both Mansfield College, Oxford and Hertford College, Oxford, and was a member of the English Faculty, lecturing on literary theory, modern poetry and Shakespeare. Smith left Oxford in 1998 to pursue a career in

management consultancy, becoming a partner in a London-based firm in 2004. In 2009, Smith set up a company of his own in order to operate independently. He continues to be a Quondam Fellow of All Souls College, Oxford.

Smith sits on the board of the Tavistock Institute of Medical Psychology and of the Institute of Art and Ideas. He is a founding faculty member of The School of Life, and from 2013-2015 was a faculty member of the London Graduate School based at Kingston University. In 2017 he stepped down from the editorial board of Angelaki: journal of the theoretical humanities, an academic publication that he helped to found in 1993.

A large, faint, light-teal icon of an hourglass is centered in the background of the page. It has a wide top bulb, a narrow neck, and a wide bottom bulb, all resting on a small base.

BREAKOUT SESSIONS

BREAKOUT SESSIONS EXPLAINED

There is a growing awareness of the tensions and opportunities that longer lives are creating and the blocks that exist in fulfilling the potential of longevity.

The aim of the Longevity Forum is to raise awareness of these issues and deepen understanding about possible solutions. However critically it is also about encouraging experimentation and taking steps to promote longevity and a new life course. The sessions are an important part of this agenda as it is where

you can help determine our actions in 2019. Each session will present a range of possible projects and seek your input into how they should be designed and implemented and importantly how you rate them as a priority. The Longevity Forum wants to use your expertise and insight and help us determine key initiatives for us in 2019.

1

Choose a session. Although you indicated your preferred session during registration, please do not hesitate to switch topics today.

2

Proceed to your breakout session room. Descriptions and locations are on the following pages.

3

Sessions will be brainstorming sessions to determine projects for The Longevity Forum.

4

At the end of the session, please vote for your favourite project by going to www.sli.do.

The event code will be displayed on your screen.

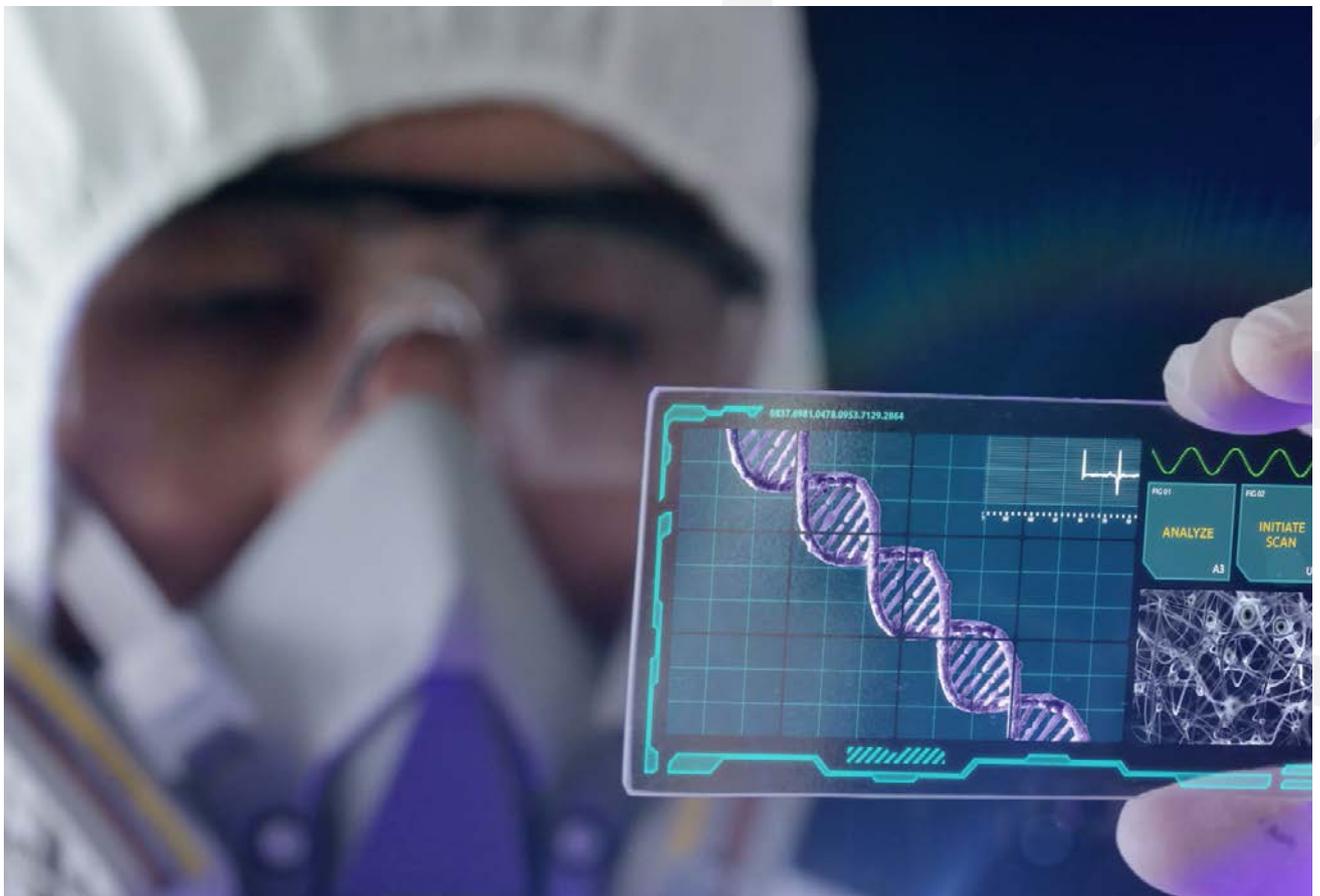
AUDITORIUM · BREAKOUT SESSION

SCIENCE & HEALTH

While the science is moving in the right direction, time is short in the context of the ballooning healthcare cost associated with unfavourable demographics of developed and emerging economies alike.

Collaboration and an interdisciplinary approach will be required to further accelerate the rate of scientific progress, and artificial intelligence will undoubtedly play a role.

This session will seek to demonstrate the potential of artificial intelligence and seek input from delegates on what can be done to support and increase collaboration.





AUBREY DE GREY (MODERATOR)

Dr Aubrey de Grey is a biomedical gerontologist based in Mountain View, California, USA, and is the Chief Science Officer of SENS Research Foundation, a California-based biomedical research charity that performs and funds laboratory research dedicated to combating the ageing process.

He is also VP of New Technology Discovery at AgeX Therapeutics, a biotechnology startup developing new therapies in the field of biomedical gerontology. In addition, he is Editor-in-Chief of Rejuvenation Research, the world's highest-impact peer-reviewed journal focused on intervention in ageing.

He received his BA in computer science and Ph.D. in biology from the University of Cambridge. His research interests encompass the characterisation of all the types of self-inflicted cellular and molecular

damage that constitute mammalian ageing and the design of interventions to repair and/or obviate that damage. Dr de Grey is a Fellow of both the Gerontological Society of America and the American Aging Association, and sits on the editorial and scientific advisory boards of numerous journals and organisations. He is a highly sought-after speaker who gives 40-50 invited talks per year at scientific conferences, universities, companies in areas ranging from pharma to life insurance, and to the public.



BRIAN KENNEDY (MODERATOR)

Dr Brian Kennedy is internationally recognized for his research in the basic biology of ageing and as a visionary committed to translating research discoveries into new ways of delaying, detecting, and preventing human ageing and associated diseases.

He is the Director of National University Health System (NUHS) Centre for Healthy Ageing. He also serves as a Distinguished Professor in Department of Biochemistry and Physiology at Yong Loo Lin School of

Medicine, National University Singapore (NUS). From 2010 to 2016 he was the President and CEO of the Buck Institute for Research on Aging in California. He remains a professor at the Buck Institute.

LIFE TRANSITIONS

Longer lives mean more transitions and preparing in different ways for our future. This involves behavioural and institutional changes to support these transitions.

In this workstream we look at three different transitions – around retirement, in mid life and leaving school – and consider three distinct projects that can help at each. The first is the introduction into the UK of the Encore Fellows scheme which helps people around retirement by getting them engaged in social purpose activities. The second is around helping people in mid life appraise their resources and talents

and help equip them for the next stage of their working life. The third is around making school students aware of the implications of longevity, the life that is required to support it and what this likely means for their working careers and what they need to learn to support those careers. In each case a pilot scheme will be outlined with a range of different options to be discussed and voted on.

LIFE TRANSITIONS PRESENTERS



JIM CARRICK-BIRTWELL

Jim is CEO and founder of Future Talent LIVE. This venture is wholly owned by the award-winning media business, Changeboard, of which Jim has been CEO since its inception in 2004; it provides a suite of event and content-based products about the future of work for senior HR professionals around the world.

He was concurrently CEO of Plotr CIC between 2012-2016, a government-backed careers inspiration platform for 11-24 year olds, and is a passionate supporter of education to employment initiatives. He

has previously owned and run recruitment businesses specialising in professional services, and started his career at the accountancy firm Arthur Andersen.



MARK MALCOMSON

Mark is the Chief Executive of City Lit, Europe's biggest adult education college, based in London with over 30,000 adult part-time students. Previously, he has been the Director of Executive Education at London Business School and President of the New York Institute of Finance.

He started his career as an international banker working for the First National Bank of Chicago.

Mark has spoken, trained, facilitated and coached around the world, including in London, New York, Amsterdam, Moscow, Istanbul, Singapore, Melbourne, Mexico City and Beijing. He also

teaches American history and politics at City Lit.

He possesses a Bachelor of Laws from the University of Edinburgh; a Diploma in Legal Practice from the University of Strathclyde; and a Masters in International Relations from the University of Kent.



JULIA RANDELL-KHAN

Julia is a Fellow at the Stanford University Center on Longevity. Julia is from the UK and in 2017 was a partner fellow at the Stanford Distinguished Careers Institute.

As part of this program, Julia is a Senior Fellow at Encore.org, an organization which taps the skills and experience of those in midlife and beyond to improve communities and the world.

Julia works on developing Encore's global strategy and building the movement internationally.

A graduate of McGill University, Montreal, Julia spent over 25 years in the legal field, as a practicing lawyer in international banking at Norton Rose Fulbright, then moving to a pioneering knowledge management role for the international law firm Freshfields Bruckhaus Deringer. This included developing the firm's relationship programme with

leading law firms around the world.

Julia is an active mentor and works closely with Fair Trials, a specialist human rights NGO. She also set up the Women in Transition network to support growth and development from change as senior women transition from long term careers to the next phase of life.

At the Stanford Center on Longevity Julia is working on the New Map of Life research project.

Julia is taking a key role in launching Encore Fellows UK with The Longevity Forum.

ENCORE FELLOWS UK

Encore Fellowships: tapping experienced talent for encore careers in the social sector.

As people live longer, healthier lives “retirement” has been reinvented.

Retirees are healthier, have more years of expected life remaining and many are seeking a new stage of life with a sense of social purpose: in other words, second acts for the greater good.

Encore.org has helped firms support their employees transition into this next stage through Encore Fellowships. On retirement, interested employees are matched with an opportunity to work with a social purpose organisation on a paid, high impact

project and use their skills and experience as an Encore Fellow.

The Longevity Forum is collaborating with Encore.org to bring the Encore Fellowships scheme to the UK. In the US nearly 2000 fellows have contributed over \$170m value of talent and close to 2 million hours of service to the non-profit sector in over 50 metropolitan areas.

Encore Fellows UK launches at The Longevity Forum on 5th November 2018.

KEYNOTE SPEAKER



MARC FREEDMAN

Marc is President and CEO of Encore.org. Freedman is a member of the Wall Street Journal’s “Experts” panel and a frequent commentator in the media. He is the author of five books, including, “The Big Shift: Navigating the New Stage Beyond Midlife”.

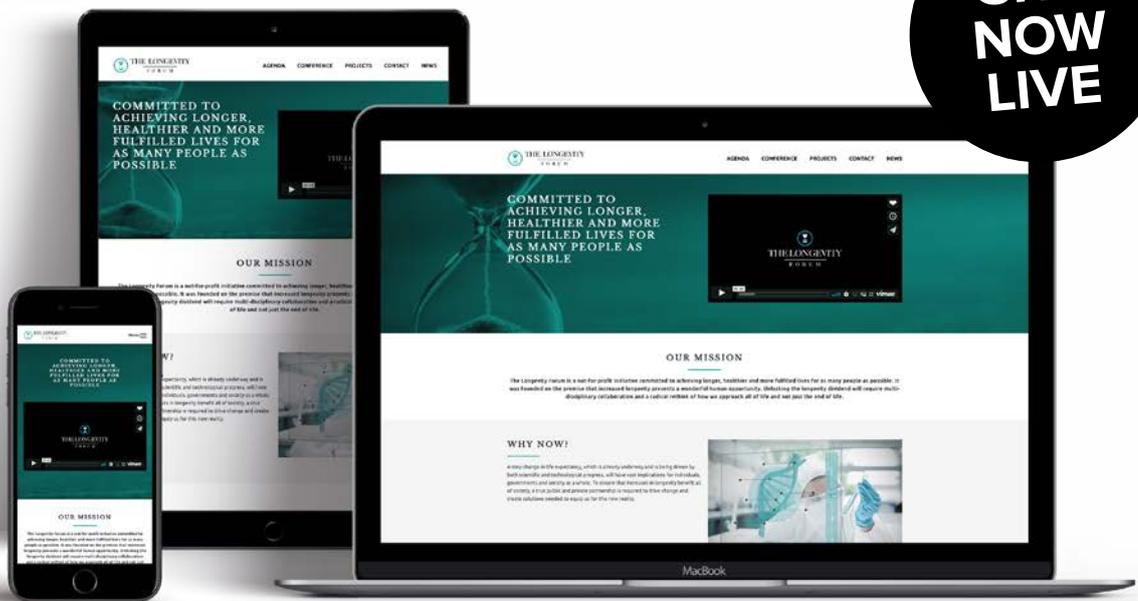
His new book, “How to Live Forever”, will be published by Hachette Book Group in 2018. Freedman was named a Social Entrepreneur of the Year by the World Economic Forum and the Schwab Foundation and is the recipient of the Skoll Award for Social Entrepreneurship. He co-founded Experience Corps, mobilizing thousands of

individuals over 50 to improve the school performance and prospects of low-income elementary school students in 22 U.S. cities, and spearheaded the creation of the Purpose Prize, an annual \$100,000 prize for social entrepreneurs in the second half of life. He is a graduate of Swarthmore College, and holds an MBA from Yale University.



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**COMMITTED TO ACHIEVING LONGER,
HEALTHIER AND MORE FULFILLED LIVES FOR
AS MANY PEOPLE AS POSSIBLE**

The Longevity Forum is a not-for-profit initiative committed to achieving longer, healthier and more fulfilled lives for as many people as possible. It was founded on the premise that increased longevity presents a wonderful human opportunity. Unlocking the longevity dividend will require multi-disciplinary collaboration and a radical rethink of how we approach all of life and not just the end of life.

Visit our website for news, innovations and upcoming events.

www.thelongevityforum.com



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