



# Impact Report 2021

# We believe people’s sight matters

At Moorfields Eye Charity, we support pioneering eye health and the life-changing work at Moorfields Eye Hospital NHS Foundation Trust (Moorfields) and UCL Institute of Ophthalmology (UCL) – bringing early diagnoses and new treatments to people with sight loss.

The number of people in the UK with sight loss is estimated to rise to 2.7 million by 2030. By 2050, the current figure will double to over 4 million [1]. That’s why we invest in research and innovation, the best patient care and world class training. And it’s why we’re a partner in realising Oriel, the centre for advancing eye health reaching people in the UK and worldwide.



Robert Dufton  
Chief executive  
Moorfields Eye Charity

It’s been a challenging last year because of the Covid-19 pandemic. We’ve focused our energies on supporting Moorfields and UCL – helping NHS staff deliver patient care and researchers maintain their critical work. We’ve also still achieved major Oriel milestones.

This impact report represents our work in the financial year to 31 March 2021. Over the last year, we’ve awarded over £4 million in grants to support research, patient care including wellbeing and training at Moorfields and UCL. We launched a revised strategy with refreshed aims and objectives. The hospital’s Oriel outline business case was approved by the Treasury, the Department for Health and Social Care and NHS England, and we’re extremely grateful for the ongoing support and interest in our capital plans.

We’ve supported researchers through the pandemic and seen research projects we’re funding feature in leading medical journals. Thanks to donations and support from NHS Charities Together, we’ve been able to create a wellbeing space for NHS staff. We’re also co-funding a project with Diabetes UK looking at the impact of Covid-19 on people with diabetes. We’re committed to supporting PhD students and researchers at different stages of their careers and this report

shows the progress they’re making. We’re very pleased to support the Lancet commission on global eye health and the Association of Medical Research Charity’s #ResearchAtRisk campaign. It’s vital to invest in research and eye care if we’re to meet the challenges of the future. Thank you to everyone who supports us in lots of different ways so that we can make a difference to the work of researchers and clinicians and the lives of patients in the UK and globally.

## Our strategy outlines five main objectives to:

- 1 Create a world class integrated centre for advancing eye health, teaching and research in 2026
- 2 Be the leading charity for research into eye health
- 3 Support patient care
- 4 Support sharing knowledge
- 5 Shape national policy



### Mission

Improving eye health by funding innovation in research, education and care to benefit Moorfields’ patients.



### Vision

Moorfields Eye Charity’s support enables Moorfields and UCL to provide world-leading eye care, research and education from the Oriel centre benefiting patients across the UK and globally.



### Our revised strategy 2021-27

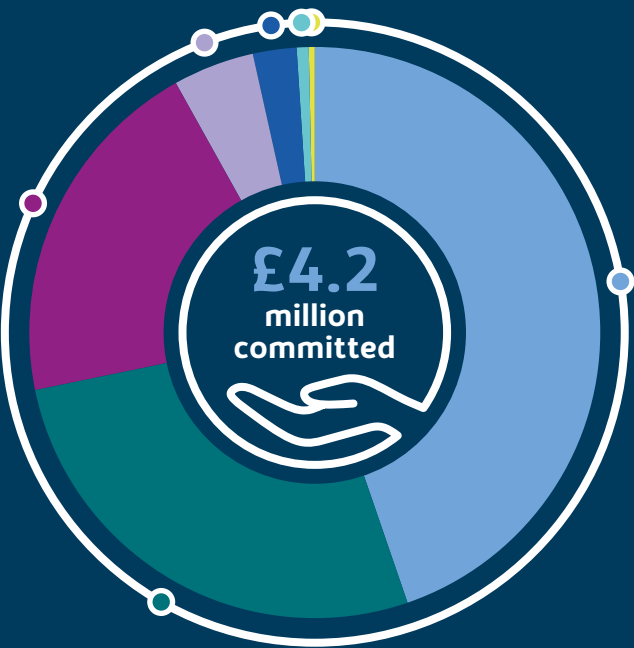
Our six year strategy outlines our ambitious objectives for the charity and our role supporting the work of Moorfields and UCL to benefit Moorfields’ patients. There’s an emphasis on innovation in clinical care and staff wellbeing and development.

# Our achievements

Moorfields and its academic partner UCL have a national and international reputation for research into eye conditions, leading one of the strongest and most extensive ophthalmic research programmes in the world.

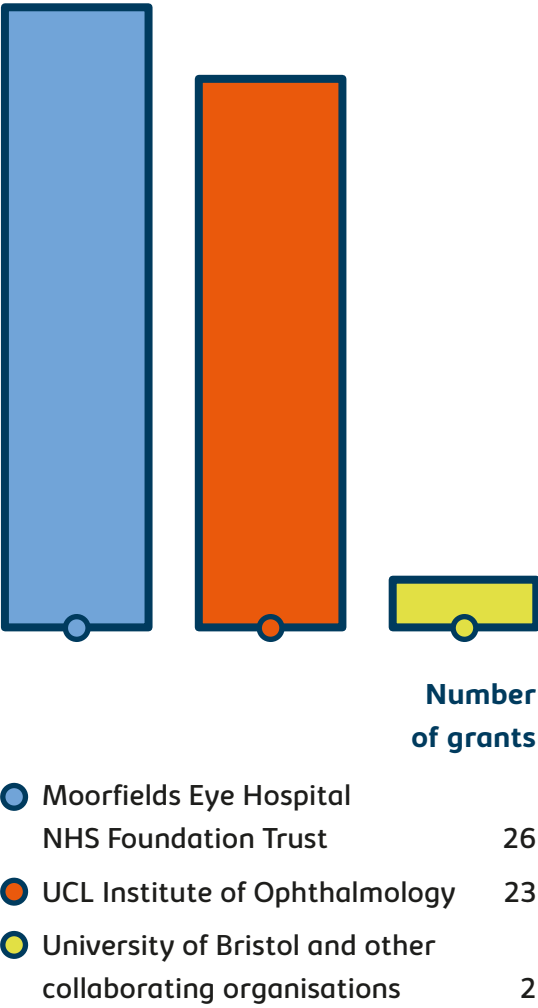
This translates into the best treatment and care for patients at Moorfields Eye Hospital NHS Foundation Trust and training for eye specialists including clinicians from around the world.

Moorfields Eye Charity supports this unique partnership as the main fundraising and grant-making charity, and is a partner with Moorfields and UCL in realising Oriel – the planned world-leading centre for advancing eye health opening in 2026.

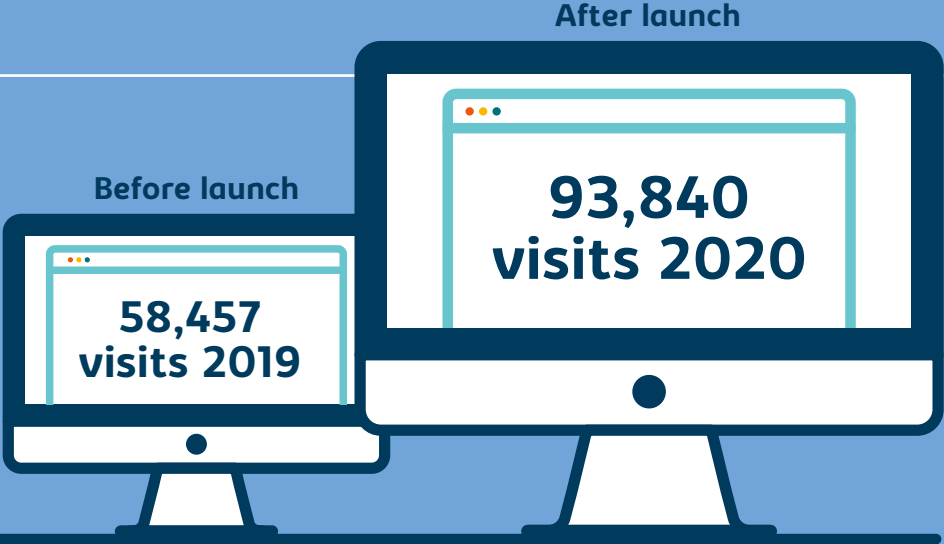


	Awarded grants	£ Total awarded
Pre-clinical research	16	£1,863,429
Translational research	10	£1,126,222
Multi-user equipment	2	£839,001
Staff	8	£191,692
Technology and innovation	3	£102,984
Patient experience	3	£28,282
Research dissemination	9	£14,043

## Awarded organisations



## New Moorfields Eye Charity website



## \*£7.56 million income raised in last financial year



for the emergency coronavirus appeal – our most successful appeal ever



in My Eye to Eye – our first virtual fundraising event



tickets purchased £76,398 total income (including donations)



new sign-ups to regular gifts making 2,767 total regular givers



Members of our Visionaries circle, open to those who have left a gift in their will

\*Subject to audit and approval



## Creating a world class integrated centre

Oriel - the proposed new centre for advancing eye health has achieved several major milestones over the last year. Oriel is the joint initiative between Moorfields Eye Hospital NHS Foundation Trust, the UCL Institute of Ophthalmology and Moorfields Eye Charity that would see services move from current premises near Old Street, Islington to a new, integrated centre on the St Pancras Hospital site in Camden.

Philanthropy is key to helping us make this global centre for advancing eye health a reality. We are delighted with the support we've received to date from donors and look forward to new and continuing conversations with others interested in helping us realise our vision.

### Major milestones achieved

The hospital's outline business case was approved by the Treasury, the Department for Health and Social Care and NHS England. Camden Council's planning committee have made a resolution to grant planning permission for the new centre, and the City Road island site which is jointly owned by Moorfields and UCL has been put on the market.

Public consultation is a critical part of the whole process. Over the last year we have engaged with members of the local community in Camden, Moorfields and UCL staff, patients, carers and representatives of those with sight loss. We are currently co-designing the building with patients, staff and members of the sight loss community, considering how the centre will be used and what they value the most. We expect the design to be finalised over summer 2021.

▲▲ I have been part of the Oriel project since the very beginning. I have seen the depth of consultations and engagement carried out with a diverse group of people to capture their views on all aspects relating to the project. ▼▼

**Bhavini Makwana, patient at Moorfields Eye Hospital, member of the Oriel patient and partner advisory groups, and engagement manager at London Vision**





## Philanthropy

Philanthropy has a critical role to play in realising Oriel. Moorfields Eye Charity, in partnership with UCL, is committed to raising £100 million (£75 million capital and £25 million research and education) to achieve these ambitious plans. The campaign has raised over £34 million in capital commitments to date. We're very grateful to donors who have committed their support and to those interested in hearing more.

## Next steps and the opening

Oriel continues to be subject to NHS and university approvals. The full business cases are due to be submitted to the Moorfields Eye Hospital NHS Foundation Trust and UCL Governing Council for approval this winter. Subject to approval, the new centre for advancing eye health is scheduled to open in 2026.

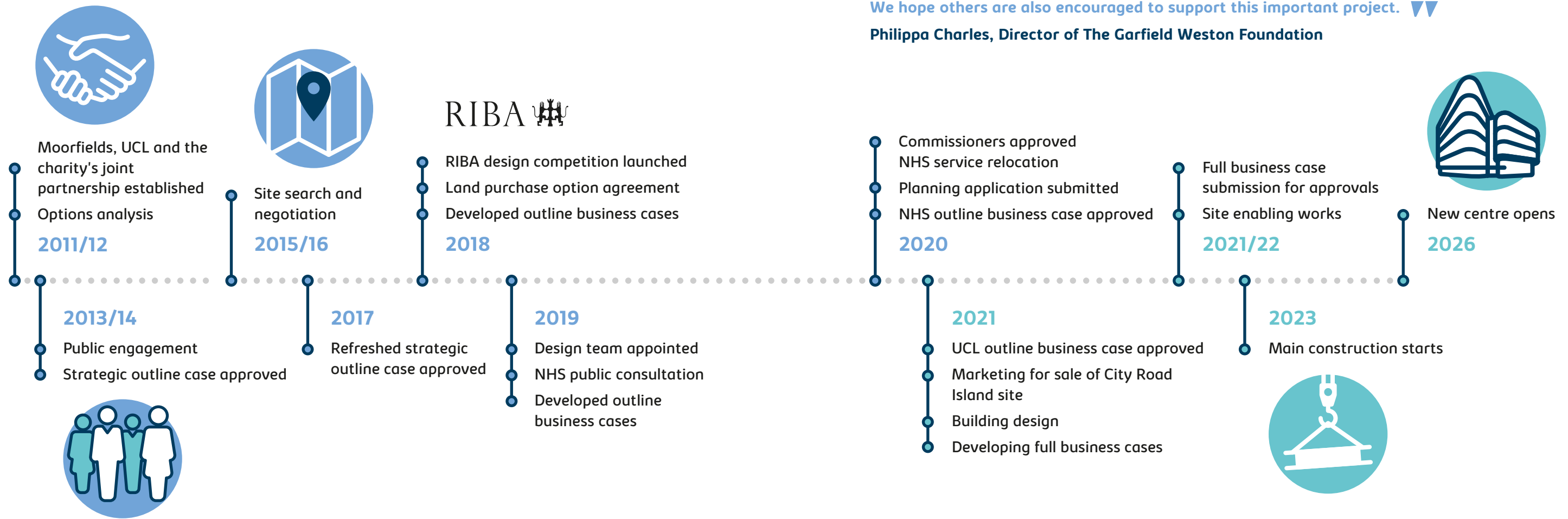
This facility, shaped to meet the needs of patients and deliver outstanding eye care, ground-breaking research and world-leading education, will harness new technologies to help accelerate diagnoses and bring new treatments to millions of patients globally.

▲▲ Our Trustees are delighted to be supporting Moorfields Eye Hospital, UCL and Moorfields Eye Charity in creating Oriel, a state-of-the-art integrated treatment, research and education centre which will benefit those affected by eye health conditions on a global scale.

This new facility will build on Moorfields' reputation for excellence and provide patients with a place to experience the best care. It will also enhance interactions between researchers, clinicians and teachers, creating an open and collaborative environment for innovation.

We hope others are also encouraged to support this important project. ▼▼

Philippa Charles, Director of The Garfield Weston Foundation



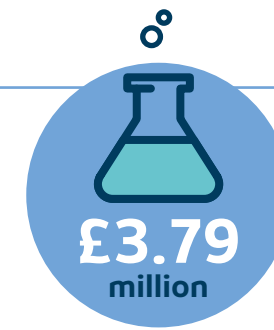


## Be the leading charity for research into eye health

Moorfields Eye Charity supports ground-breaking research at Moorfields and UCL. This partnership with its world leading reputation in research is enhanced by our support. It brings new treatments, quicker diagnoses and a better quality of life to patients in the UK and around the world.

The pandemic has affected researchers and we've focused our support particularly on PhD students to sustain their work and outputs to ensure their critical training continues.

We continue to also invest in future leaders such as Dr Tessa Dekker and are seeing the fruits of this investment. Her research has resulted in significant developments with a greater understanding of how children's eyes develop and new child-friendly visual tests.



funding awarded to research projects



number of research projects funded

### Understanding how children's eyes develop

Over the past five years we've provided funding for Dr Tessa Dekker and her research in the Child Vision Lab. She is investigating how children's sight develops and designing child friendly visual tests which make it possible to assess the effectiveness of treatments.

#### The challenges

There are many new therapies available which make it possible, more than ever before to treat eye disease. These treatments may also work best in early life, when networks in the brain are more able to change. However, there are major challenges in measuring children's vision, as children may have short attention spans and interpret task instructions differently, so measurements do not reflect actual visual changes.



#### New eye tests and their impact

Working with collaborators, the team have developed new approaches to testing which have been published in leading journals, making these findings available to the public and the research community. They include:

- › creating a contrast sensitivity test with game-like elements for paediatric clinical assessment of amblyopia, published in *Frontiers in Medicine*. [2]
- › using brain imaging called functional magnetic resonance imaging (fMRI) to investigate the neural mechanisms underlying improvements in children's contrast sensitivity and acuity, published in *Developmental Cognitive Neuroscience*. [3]
- › demonstrating how spatial contrast sensitivity tests, which measure the faintest shape that can be detected, can be shortened for children using mathematical algorithms, published in the *Journal of Vision*. [4]

We've also funded equipment so that this research can be delivered at a world-leading standard including a custom made head coil. This makes it possible to measure visual function more accurately during MRI imaging. A state of the art eye tracker, funded by the charity, can also be used with patients who make involuntary eye movements when MRI imaging is being done.





10 years old - the age that children can integrate sensory information



nine publications and one book - produced from this research



additional funding secured for future research

The future

Dr Dekker’s research brings together methodologies in psychology, neuroscience and ophthalmology. It has the potential to transform how vision loss is detected in children and being treated in early life when it’s most responsive.

As a result of the impact of her work, Dr Dekker has secured a permanent position at the UCL Institute of Ophthalmology and UCL Psychology and Language Sciences.

▲▲ In my lab we make new vision tests to understand how the developing brain adjusts to sight loss, and how sight is recovered after treatment, to help escalate the creation of new treatments for early-onset eye disease. ▼▼

Dr Tessa Dekker, UCL Institute of Ophthalmology

Philanthropy is crucial to our future success. Special thanks to our donors for their generous support in helping us to fund exceptional talent across vision research.

Supporting researchers through Covid-19

The Covid-19 pandemic has affected eye health research in different ways. It is likely to have a sustained impact on the research and researchers we’re supporting. We focused particularly on our PhD students where a gap in research activity can have a significant impact on how their training progresses.

The additional funding we provided has given the time and stability for final year PhD students to successfully complete their PhD and offered others the opportunity to restart experiments which had to be paused or discarded during lockdown.



funding provided

Alison Yeung – patient story

What’s your connection to Moorfields?

I’m a glaucoma patient at Moorfields Eye Hospital. My care has been outstanding.

What does Moorfields mean to you?

Moorfields feels like a beacon of light. I feel very fortunate to have met several consultants here.

Why is it important to you for the charity to be investing in research?

Fundraising is vital for research - it helps us understand the various sight conditions and ultimately to cure blindness. It highlights the important work of Moorfields, the staff, the research team and everyone else involved.

Alison runs a craft business with her mum. She donates a percentage of the profits from certain items she sells to the charity. Not only does she want to raise awareness of glaucoma but to know that she’s making a difference to the many patients at Moorfields.



Ezra and his family – patient story

What is your connection to Moorfields?

My son Ezra (4 years old) is a patient at the Richard Desmond Children’s Eye Centre.

What does Moorfields mean to you?

If Moorfields did not exist our son would not have received the crucial surgery required to reduce the pressure in his eyes. Unfortunately our closest children’s eye unit in Belfast could not provide the specialist surgery that he required.

Why is it important to you for the charity to be investing in research?

Obviously the earlier the diagnosis, the better the chance of saving someone’s sight. With new treatments continually being introduced, life should be a lot easier for those affected. For example, replacing eye drops with easier forms of treatment would be so beneficial particularly to parents of babies and children.

Ezra and his family fundraised for the charity. Ezra completed a marathon and raised £3,500 for Moorfields. They believe fundraising is extremely important not just for Ezra if he ever requires further surgery but also for countless other children and adults in the UK and beyond with sight limiting diseases.





## Supporting patient care

We're so proud of everything the Moorfields staff have done over the last year to continue to provide outstanding and critical eye care as well as support the frontline response to Covid-19 in other hospitals.

Moorfields has used digital innovations to effectively deliver the high-quality care it's known for.

We've funded a new wellbeing space for staff at City Road and co-funded a project with Diabetes UK looking at the effect of the pandemic on people with diabetes.

We're also pleased to see the impact of the latest model of surgical simulator on trainee surgeons and patients.

- › £191,242 awarded to support staff welfare as they continue to deliver outstanding patient care
- › £157,077 awarded towards innovation grants to help Moorfields staff to test or implement new ideas which lead to improvements for patients

## Pioneering digital care during the pandemic

Moorfields' digital response to patient care included introducing a remote A&E service and video consultations - they continue to expand this service.

A recent peer-reviewed evaluation of the remote A&E service confirmed that it is as safe as traditional face to face assessment. Almost eight in ten people were able to get the treatment they needed without travelling into hospital.

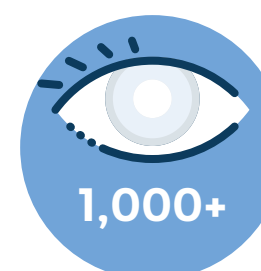
We're proud to support the use of technology to advance eye health including awarding an innovation grant to Dr Hari Jayaram investigating monitoring glaucoma at home.



Over 25,000 video appointments (outpatients and A&E) in 2020/21



95% of patients giving the remote A&E service the maximum satisfaction rating



Over 1,000 cataract operations in drives at Moorfields network sites (Sept 2020 – April 2021)

## Wellbeing spaces for NHS staff

Working through the Covid-19 pandemic has affected staff physically, emotionally and mentally. We've funded a new wellbeing space at Moorfields Eye Hospital in City Road and improvements to staff welfare areas at several sites across the Moorfields network. The wellbeing space is for staff to step away from work, take a break and relax.

We're supporting the wellbeing space thanks to generous donations to Moorfields Eye Charity's emergency coronavirus appeal – our most successful appeal ever.

▲▲ The new staff wellbeing room is a great way for us to take time out and detach ourselves from our busy schedule in order to maintain our wellbeing. ▼▼

**Sarah Valentine, Senior staff nurse, pre-assessment clinic**

▲▲ I was voluntarily redeployed to University College London Hospital's ITU to help with coronavirus patients. The past year has taken its toll on all staff. It has become apparent how important it is to take regular breaks and enjoy a quick chat with colleagues to share experiences in an area away from the clinical areas. Our great new wellbeing space, has helped me stay the best person I can be on the job, because I've had the chance to rest and recharge. ▼▼

**Alex Day, Consultant ophthalmologist and associate professor**

▲▲ We know that there is clear evidence between staff experience and patient outcomes. We have learnt during the pandemic the importance of having a physical space away from the front-line for our staff to take the time to recharge their mind and relax, ultimately, providing a space to support staff wellbeing and to show that the organisation cares about its staff. ▼▼

**Sandi Drewett, Director of workforce and organisation development**





## Surgical simulator improving outcomes

### Meet Dr James Wawrzynski - trainee surgeon

#### What's your role at Moorfields?

I am an ophthalmology registrar (junior doctor) training in ophthalmic surgery and also a PhD student at UCL working on a novel gene therapy. So far I have just under six years of experience working as an ophthalmologist.

#### What difference has the surgical simulator made to your work?

The surgical simulator has allowed me to develop new surgical skills in a safe environment. It has also given me the opportunity to practise more difficult surgical manoeuvres as many times as I feel necessary - in the past surgeons were constrained in their experience by the number of patients they had operated on. My learning curve has really accelerated as a result.

#### How has it affected patient care and the patient experience?

Just like a learner driver behind the wheel for the first time under the supervision of a driving instructor, a novice surgeon will usually begin their surgical career by performing the easiest steps of surgical procedures under the close supervision of a consultant.

However, now that trainees are taking many of these first steps on the simulator, patients can expect that even the most junior surgeon will already have some high quality surgical training under their belt by the time they reach the operating theatre.

#### How important is funding of this kind of equipment?

The EYESI surgical simulator that we use at Moorfields provides an extremely realistic experience for the surgeon and this is what makes it so valuable as a training tool. However, these machines come at a significant cost that would not ordinarily be covered by the NHS. Therefore, we are very grateful for the generosity of donors who have provided us with such high quality training.

## Covid-19 pandemic and people with diabetes

This year we were delighted to establish our first co-funding opportunity with Diabetes UK - the UK's leading charitable funder of diabetes research. In partnership, we're supporting Moorfields' consultant Ranjan Rajendram's project looking at the effects of deferring treatment of diabetic macular oedema (DMO) patients. They're up and running on the project and have recruited over a third of the patients needed.

This study aims to provide robust and timely information regarding the effects of treatment interruption. It will also establish a strong, scientific rationale to help guide future management of people with DMO during extraordinary times such as the Covid-19 pandemic.



## Brenda Silverman – patient story

#### What's your connection to Moorfields?

I'm a patient who has had both my cataract surgeries at Moorfields. I was thrilled to be called in for surgery as part of Moorfields' cataract drive – it was incredible to be part of this amazing initiative.

#### What does Moorfields mean to you?

Moorfields to me means eye care excellence. Everyone who was part of my cataract surgery journey was so wonderful at putting me at my ease, answering my questions and of course the actual treatment and surgery was exemplary. I couldn't have asked for better.

#### Why is it important to you for the charity to be supporting patient care?

Patient care and patient experience is so important, especially in the lead up to an operation, almost as much as the treatment itself. The holistic approach for the patient means they're less stressed which helps them recover quicker and better.

**Brenda Silverman is a regular supporter of the charity. She believes investment in patient care is critical to patient wellbeing, and the research into eye conditions to help find new therapies, treatments and cures, funded with money raised, is priceless.**





## Supporting sharing knowledge

Our funding provides support for future leaders through the early stages of their career; from starting their research training through to developing their own independent research programme.

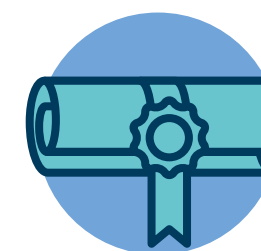
We have a strong track record of supporting the developing careers of researchers and sharing of knowledge. Reflecting on where some of our previously supported researchers are now helps demonstrate the impact our funding can contribute towards establishing independent researchers and advancing our understanding of eye health.



**£662,792 awarded to support tomorrow's experts**



**£991,007 invested in 10 springboard awards**



**10 PhD studentships and £1.1 million awarded over past three years**



## Next steps after a PhD

We believe it's critical to support and invest in the leaders of tomorrow. Integral to this are our PhD grant programmes which fund individuals from pre-clinical to clinical disciplines to undertake a high-quality PhD project in their chosen area of eye health research. We're immensely proud of our PhD candidates and are excited to see where their careers take them and their varied impact on areas from research to health, education and policy.

We supported Dr Nilpa Shah's PhD focusing on methods to improve the measurement of visual function in clinical settings which she completed in 2018 and led to several peer reviewed publications. This gave rise to the development of the Moorfields Acuity Chart which is now commercially available and has since been included in several textbooks. Nilpa was awarded the George Giles postgraduate research prize by the College of Optometrists for her PhD work. Today, she is joint principal research optometrist within the optometry department at Moorfields and continues her research in the development of tests of visual function.



**Dr Paul Sladen** started his PhD in 2016, focused on understanding the pathological disease mechanisms associated with Dominant Optic Atrophy using patient-derived cell lines and CRISPR/Cas9 gene editing. Having successfully completed his thesis, he continues to work with Professor Michael Cheetham at the UCL Institute of Ophthalmology. Focused on a new project, Paul is now drawing on his PhD training and expanding his expertise whilst using patient-derived cell lines to model Leber Congenital Amaurosis and understand the benefits of potential therapies.

Securing protected time to carry out a PhD alongside clinical training can be difficult. We were delighted to be part of the funding support which enabled **Dr Cynthia Wu Wei Man** to carry out an exciting PhD under the supervision of Professor Sir Peng Khaw at Moorfields. At King's College London, she continues to advance her research in the area of glaucoma including setting up a unique UK Glaucoma BioResource. Since completing her PhD, Cynthia has also received prestigious awards like her current MRC Clinician Scientist Fellowship in 2020 and the King's Prize Fellowship in 2019.

## Primary research area for new awards:

Area of research	Total
Multiple (equipment)	£1,063,834
Age-related macular degeneration	£819,269
Neuro-ophthalmology/optic neuropathies	£435,653
Genetics/inherited eye disorders	£302,322
Glaucoma	£260,035
Diabetic retinopathy	£245,885
Retinal/vitreo-retinal	£257,822
Ocular inflammatory diseases	£249,462
Corneal/ocular surface diseases	£151,205
Other	£109,019

- › Our PhD studentship and research training fellowship schemes provide an opportunity for promising students to carry out a high quality PhD.
- › Postdoctoral researchers are funded on our grants, allowing them to continue developing their research experience.
- › Our springboard awards help early career researchers to develop novel ideas and generate preliminary data which can allow them to submit larger grant applications and work towards establishing their independence.

## Building a strong foundation

We've supported Dr Karen Eastlake, a research associate at the UCL Institute of Ophthalmology, since her early career to help her to develop as a future leader in vision research. We first funded her PhD investigating the potential of retinal repair by Müller glia cells - specific cells in the retina that perform tasks to support the structure and function of all cells in the retina. She learnt techniques in bioinformatics, cell culture and molecular biology. She continued as a postdoctoral researcher focusing on methods to study Müller glia cells within retina cells grown in the laboratory. Most recently, she was awarded a springboard award in 2020 continuing to explore Müller glia cells and their potential to regenerate photoreceptors in the retina. She intends to use the findings of this study to apply for a fellowship, which would be a key step towards establishing her own independent research group. This would enable further research into novel therapeutic strategies to target self-regeneration and restoration of vision. In the long term, the aim of her research is to turn knowledge gained into treatments to improve eye health and wellbeing outcomes for patients.

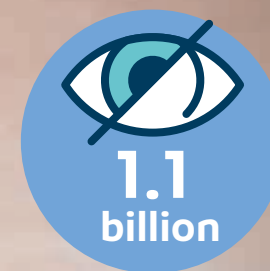






## Objective 5: Shaping national policy

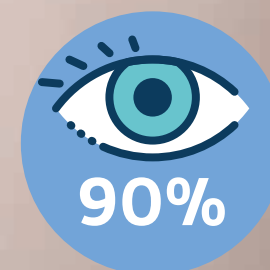
We work with Moorfields to shape national policy and increase resources allocated to eye health. We collaborate with other charities and funders. We use our knowledge and expertise to influence national policies, and we mobilise supporters and partners to raise awareness and contribute as influencers.



estimated number of people living with untreated sight loss in 2020 and expected to grow to 1.8 billion by 2050

▲▲ “As the Covid-19 pandemic brings renewed emphasis on building resilient and responsive health systems, eye health must take its rightful place within the mainstream health agenda and global development. ▼▼

Professor Matthew Burton, co-chair of The Lancet Commission and director of the International Centre for Eye Health at The London School of Hygiene & Tropical Medicine, UK



Over 90% of vision loss globally could be prevented or treated

## Lancet commission on global eye health

We're supporting a new commission report on the challenges facing global eye health published in The Lancet. It reveals the scale of untreated sight loss globally and calls for a change in policies. It demonstrates that with the right tools, strategies and sufficient funding eye health can be improved. It would have immediate and substantial economic and social benefits for individuals and nations.

The report involved 73 leading experts from 25 countries including from Moorfields. This is an opportunity for eye care to be included in mainstream health services and development policies and to harness technology to improve diagnosis and treatment. Addressing avoidable vision loss with highly cost-effective treatments has enormous potential to contribute to a healthier, safer, more equitable world.

## AMRC #ResearchAtRisk

We contributed to the #ResearchAtRisk campaign led by the Association of Medical Research Charities (AMRC) and our funded programmes are part of the £1.9 billion invested in medical research in the UK in 2019 [5]. While we were in a position to maintain our planned grant making activity levels over the last year, across the UK research sector there is an estimated £270 million decrease in total UK research spend for 2020-21. This will inevitably result in increased strain on funders and institutions as the uncertainties continue.



# Highlights of our year



Emergency coronavirus appeal launched  
Launched free will writing service with Bequeathed

itv NEWS LONDON  
THE TIMES  
IslingtonTribune

Ken Essex's 100th birthday, Ken raises over £20,000 and features in the media

Oriel planning application submitted to Camden Council  
Moorfields Eye Charity's first virtual event, for Visionaries circle - people who have left a gift to the charity in their will



Oriel  
Creating the centre for advancing eye health

Virtual carol service with Sir John Major as guest reader  
Announced winners of our Christmas raffle

Lancet Commission report published  
Opened wellbeing space at City Road



Diabetes UK co-funded project awarded

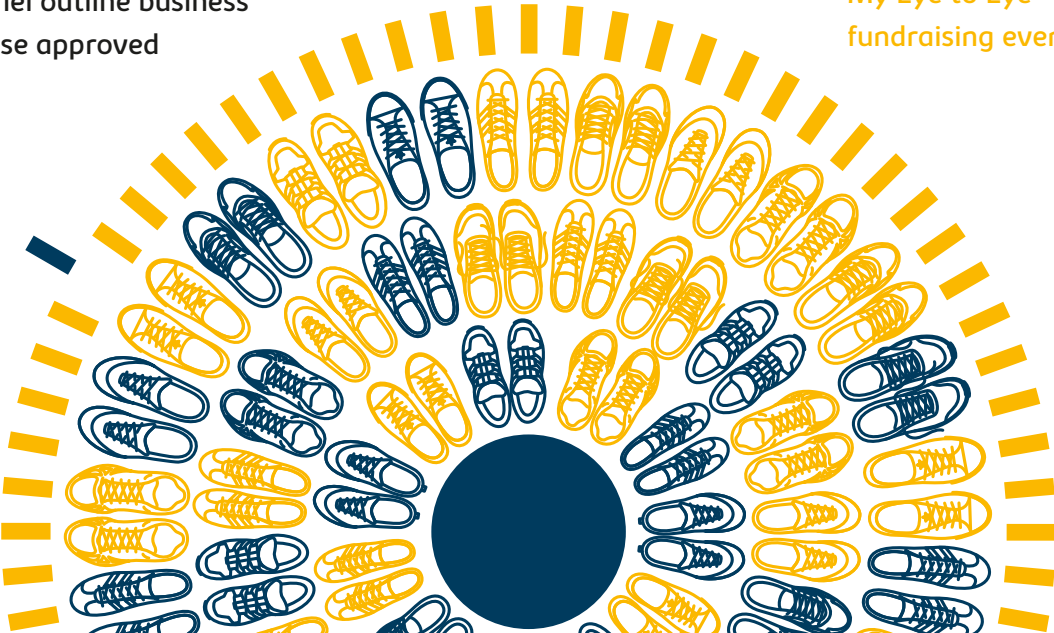
Launched our regular giving appeal

Volunteers appeal launched to support Friends of Moorfields  
Our first quarterly newsletter

Confirmed funding for two photon equipment

Appointment to Moorfields Eye Charity chair in advanced ocular imaging at UCL  
My Eye to Eye – first virtual fundraising event

**DiABETES UK**  
KNOW DIABETES. FIGHT DIABETES.





# Acknowledgements

There are so many wonderful supporters that we would like to thank. Your support makes our work possible.

We are particularly thankful to the individuals and organisations named below:

- The 29th May 1961 Charitable Trust

Estate of the late Amy Gillian Beck

Bluewater

Estate of the late Martin Charles Broker

The Carmen Butler-Charteris Charitable Trust

Estate of the late Iris Cooksley

The Drayson Foundation

EBM Charitable Trust

Ken Essex

Estate of the late Joseph Charles Finn

Mr Gordon Gilby

Drue Heinz Charitable Trust

Mary Fear Hill

The Sir Joseph Hotung Charitable Settlement

The Michael and Ilse Katz Foundation

Mrs Rita Kay
- Mr and Mrs Stefanos Lekanidis

Estate of the late Terence John Murray

NHS Charities Together

John and Margaret Nolan

Oak Foundation

The Mason le Page Charitable Trust

Estate of the late Patrick Frank Pyrah

Eleanor A. Robbins

Sir Alan Rudge

The Basil Samuel Charitable Trust

Karel Sramek and Vera Sramkova

The Peter Stebbings Memorial Charity

The Michael Uren Foundation

The Alexander Pigott Wernher Memorial Trust

The Miss Barbara Mary Wilmot Discretionary Trust

We are also extremely grateful to those individuals and organisations who would prefer to remain anonymous and individuals who have generously supported the charity by remembering us in their will. Much of our work is supported through gifts in wills, and they are vital for the impact of our long-term support of research and patient wellbeing.

We would like to thank all the Moorfields and UCL staff who have contributed to the charity's continuing success. We would also like to thank our charity engagement volunteers, trustees, committee members and panel members. With your support, we are able to ensure that Moorfields Eye Hospital NHS Foundation Trust and the UCL Institute of Ophthalmology remain at the forefront of eye care, research and education worldwide and have the greatest possible impact on the global eye health agenda.



## References:

- [1] Royal National Institute of Blind People (RNIB) website
- [2] Can Psychophysics Be Fun? Exploring the Feasibility of a Gamified Contrast Sensitivity Function Measure in Amblyopic Children Aged 4–9 Years (26 August 2020), *Frontiers in medicine, ophthalmology*
- [3] Population receptive field tuning properties of visual cortex during childhood, *Developmental Cognitive Neuroscience*, 37, Article 100614, American Psychological Association
- [4] Psychophysics with children: Evaluating the use of maximum likelihood estimators in children aged 4–15 years (June 2019), *Journal of Vision*, Vol.19, 22
- [5] Association of Medical Research Charities (AMRC) website



# Find out more about our work investing in life-changing eye health

## Get in touch

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Photographs taken before and during the pandemic.