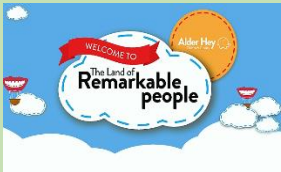




## Record of Partner Charity Grants ©

Date	Charity	Priority Area	About the Charity	Grant Description	Grant
20-Aug-23	<a href="#">Alder Hey Children's Charity</a> <a href="#">Liverpool UK</a> 	<p><b>Saving Lives &amp; Health Care</b></p> <p>children's hospital</p> <p><b>Mental Health Hub</b></p>	<p>Alder Hey Children's Hospital is a Partner Charity.</p> <p>The needs of Alder Hey Children's Hospital cannot be fully met by the NHS and there is much additional equipment which is funded by charitable giving. The Charity raises money to fund life-saving medical equipment, pioneering research and high-quality family facilities that make patient experience at Alder Hey Children's Hospital the best it can be.</p> <p>Over the years money has been raised to make new facilities with state of the art equipment a reality. These challenges will never cease with the objective to make and then keep Alder Hey Children's hospital as a world standard health facility.</p>	<p>The grant is to purchase two NAVA modules that will extend the capability of Servo-U Ventilators. This is part of a programme that will cost c. £600k and provide 15 ventilators.</p> <p>The new Servo-U Ventilators will have a huge impact on our ability to provide personalised ventilation and NAVA will be key to supporting this transformative approach. Rather than being triggered by a patient's physical breath response, NAVA responds at a neural level, to electrical activity in the diaphragm muscle. This provides more accurate breathing support and increases 'synchrony' between a patient's spontaneous breaths and the ventilator. Because NAVA does not rely on detection of breath, this allows for looser-fitting masks, improving patient comfort and sleep quality and minimising complications, such as pressure sores.</p> <p>This is our fifth grant and brings the total to nearly £53,000.</p>	£10,500

<p>01 - Aug - 23</p>	<p><a href="#">Institute in the Park</a> <a href="#">Liverpool UK</a></p> 	<p><b>Saving Lives &amp; Health Care</b></p> <p><b>research into childhood auto immune/ inflammatory disorders.</b></p> <p><b>Specialist Imaging Equipment</b></p>	<p>Institute in the Park is a Partner Charity.</p> <p>The Institute in the Park is the home of International Centre for Children's Research, Innovation and Education based on the same campus as Alder Hey Children's Hospital in Liverpool. It is dedicated to researching children illnesses with the aim of managing and understanding the diseases better. It harnesses these aims with education and improved techniques which will lead to improved outcomes. This institute is a cutting edge institution collaborating internationally to advance paediatric medical care.</p>	<p>This grant is typical of the support we give where core equipment is not funded from major research funders or the public sector.</p> <p>The work performed in the research facilities is dependent on the collection and safe storage of samples from children and young people, including (but not limited to) blood, skin, airway epithelia, etc. Safe storage of samples can only be guaranteed in <math>-80^{\circ}\text{C}</math> or even <math>-153^{\circ}\text{C}</math> freezers. Currently, storage space in the <math>-80^{\circ}\text{C}</math> freezers is limited, and two of their freezers come to the end of their life cycle. This piece of equipment will support research across childhood disease areas and ensure safe long-term storage of irreplicable biosamples.</p> <p>This is our fifth grant and brings the total to over £75,000.</p>	<p>£15,705</p>
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<p>21-Jul-23</p>	<p><a href="#">University of Derby</a></p> 	<p><b>Saving Lives &amp; Health Care</b></p> <p>research into Alzheimers Disease</p> <p>Specialist laboratory equipment</p>	<p>University of Derby has an enviable record for research. It has put in place a research capability focusing on biomedical sciences. Professor Myra Conway has been recruited to lead research into dementia and Alzheimers disease. This is an exciting development and there is a strong commitment to deliver great research that will have a practical application in tackling the corrosive impact of Alzheimers.</p> <p>The research focuses on understanding the underlying pathology of Alzheimer's disease and identification of novel markers of disease pathology.</p> <p>A new research facility is planned at Derby and more laboratory equipment will be needed over the next five to ten years in particular.</p>	<p>Our grant will fund a bespoke state-of-the-art incubator to grow cell models. Cells models can get infected because the facilities are shared. The provision of a bespoke incubator ensures that only our cell models will be grown in this incubator. Quality and integrity will move to a much higher level.</p> <p>Proteins extracted from these cells that change in response to our tests agents will generate key data sets that inform on pathways changed in these AD models.</p> <p>The second vital piece of equipment is the orbital shaker, which allows for a smooth continuous motion for uniform mixing, ensuring consistency and uniformity when blots are treated with antibodies. This ensures that the quality of the blots will be improved.</p> <p>This is our fourth grant bringning the total to over £35,000.</p> <p>Our grant is in memory of Mrs Bridget Parry</p>	<p>£5,712</p>
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22-Jan-23

Stockdales  
Sale Cheshire  
M33 5AH



**Helping People  
in Need**

**supporting  
people with  
learning  
disabilities**

**Specialist  
Bathroom  
equipment for  
disabled  
people**

Stockdales provides person centred care and support for the welfare of children and adults with learning disabilities and multiple physical disabilities living in the Trafford area of Manchester. It is dedicated to making a difference to the lives of people with learning disabilities and complex health needs. The charity offers residential care to 25 people with high needs round the clock to live like everyone else at home and beyond. Our community services support over 150 people through activity sessions, days out and clubs for kids and adults. There is a strong focus on learning, social time and being as independent as possible. Our services also are an invaluable lifeline to families too, offering much needed respite.

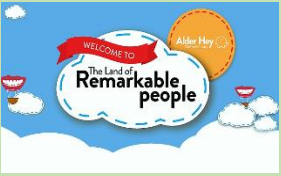
This is our second main grant to Stockdales.


A key objective of Stockdales is to provide suitably adapted quality homes which together with care and support will result in people challenged by disability to be able to live independent lives. The Ashton Lane house in Sale is being updated and an outdoor garden room added. This will give residents and their family and friends a garden space to enjoy in all weathers. Being close to nature is an important part of improving their quality of life. The area will have wheel chair access plus tracking and hoists so residents can enjoy the space out of their wheel chairs.

Success of this initiative will mean that similar projects can be rolled out at other homes. The next will be the Hayling Garden Project.

£15,000

20-Sep-22	<a href="#">University of Derby</a> 	<b>Saving Lives &amp; Health Care</b>  <b>research into Alzheimers Disease</b>  <b>Specialist laboratory equipment</b>	<p>University of Derby has an enviable record for research. It has put in place a research capability focusing on biomedical sciences. Professor Myra Conway has been recruited to lead research into dementia and Alzheimers disease. This is an exciting development and there is a strong commitment to deliver great research that will have a practical impact in tackling the corrosive impact of Alzheimers.</p> <p>The research focuses on understanding the underlying pathology of Alzheimer's disease and identification of novel markers of disease pathology.</p>	<p>Over recent years the Foudation has built a strong relationship with Professor Myra Conway and her team and their research into Alzheimers disease. When she was given the opportunity to set up such a research facility at Derby we confirmed our backing. Our grant will fund Western Blot system equipment which will have a significant impact in 1. time efficiency 2. general quality of data 3 multiple users and 4 quantitative nature of data improved acroos major workstreams of the programme. Over the next few years we hope to make further grants to enable more important equipment to be acquired.</p> <p>Our grant is in memory of Mrs Bridget Parry</p>	£10,419
01-Jul-22	<a href="#">Institute in the Park</a> <a href="#">Liverpool UK</a> 	<b>Saving Lives &amp; Health Care</b>  <b>research into childhood auto immune/ inflammatory disorders.</b>  <b>Specialist Imaging Equipment</b>	<p>Institute in the Park is a Partner Charity.</p> <p>The Institute in the Park is the home of International Centre for Children's Research, Innovation and Education based on the same campus as Alder Hey Children's Hospital in Liverpool. It is dedicated to researching children illnesses with the aim of managing and understanding the diseases better. It harnesses these aims with education and improved techniques which will lead to improved outcomes. This institute is a cutting edge institution collaborating internationally to advance paediatric medical care.</p>	<p>Our grant will fund a real-time (RT) PCR system which will allow researchers to quantify the level of gene expression in various tissues and cells. This is essential for identifying and quantifying altered functions of cells and tissues in childhood disease. RT-PCR is a robust tool that can be used also in clinical settings, which therefore makes it particularly interesting for biomarker development. It will also detect gene variants through DNA screening. Gene variants contribute to altered gene expression in a multitude of childhood diseases.</p> <p>This is our fourth grant to the Institute making a total of £60,000.</p>	£14,475

01-Jun-22	<p><a href="#">Alder Hey Children's Charity</a></p> <p><a href="#">Liverpool UK</a></p> 	<p><b>Saving Lives &amp; Health Care</b></p> <p><b>children's hospital</b></p> <p><b>Mental Health Hub</b></p>	<p>Alder Hey Children's Hospital is a Partner Charity. The needs of Alder Hey Children's Hospital cannot be fully met by the NHS and there is much additional equipment which is funded by charitable giving. The Charity raises money to fund life-saving medical equipment, pioneering research and high-quality family facilities that make patient experience at Alder Hey Children's Hospital the best it can be.</p>	<p>Sunflower House is the inpatient unit within Alder Hey's new Mental Health Hub which has cost over £20m and will be fully operational by Sep 2022. It will care for children aged 5-13 who present with some of the most complex and enduring mental health and sensory conditions which cannot be safely managed in their own communities. The Therapy Garden will be a multi-use outdoor space which will support the delivery of a wide range of therapeutic activities. The garden is divided into four zones dedicated to - relaxing, playing, learning and growing (youth-led gardening projects). Our grant is funding the learning zone. This is our fourth grant to Alder Hey making a total exceeding £42,000.</p>	£16,044
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<p>01-Jul-21</p>	<p><a href="#">Institute in the Park</a> <a href="#">Liverpool UK</a></p> 	<p><b>Saving Lives &amp; Health Care</b></p> <p><b>research into childhood autoimmune/inflammatory disorders.</b></p> <p><b>Specialist Imaging Equipment</b></p>	<p>Institute in the Park is a Partner Charity.</p> <p>The Institute in the Park is the home of International Centre for Children's Research, Innovation and Education based on the same campus as Alder Hey Children's Hospital in Liverpool. It is dedicated to researching children illnesses with the aim of managing and understanding the diseases better. It harnesses these aims with education and improved techniques which will lead to improved outcomes. This institute is a cutting edge institution collaborating internationally to advance paediatric medical care.</p>	<p>This is our third grant to Institute in the Park, a Partner Charity, underpinning our long term relationship. This grant covers the cost of an imaging system called a ChemiDoc and associated accessories. The ChemiDoc is a gel documentation system delivering high resolution and high quality images of both nucleic acids and protein gels. It would produce reliable, high quality data and enhance current investigations into the role certain genes play in the development and progression of autoimmune diseases in children. The equipment would transform the ability to bioengineer regions of DNA to test their contribution to human disease, for example in juvenile systemic lupus erythematosus. Target identification and functional testing are first and essential steps towards understanding disease mechanisms and introducing new individualised treatments. The ChemiDoc system would help find disease and outcome-specific molecular defects to improve the lives of children with systemic autoimmune/inflammatory disease.</p>	<p>£19,861</p>
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08-Jun-21	<p><a href="#">University of West of Enland Bristol</a></p> 	<p><b>Saving Lives &amp; Health Care</b></p> <p>research into <b>Alzheimers Disease</b></p> <p><b>Specialist laboratory equipment</b></p>	<p>UWE as a university is an exempt charity. Myra Conway, Professor in Biomedical Science, heads research into Alzheimers and other dementia diseases.</p> <p>The Foundation supported her dementia research project "Understanding the metabolic link between type II diabetes and Alzheimer's disease" in 2019.</p>	<p>Our grant will meet the cost of specialist laboratory equipment critical to their research project focused on a mechanism called autophagy shown to be dysregulated in some disease conditions including Alzheimer's (AD). Brain cells use the autophagy mechanism for maintenance (i.e. cell survival, cell growth and in early development of the brain). It is a recycling system, where some items can be recycled whilst others no longer needed are discarded. Recycling is increased when the cell is nutrient deprived or under functional stress, conditions found in AD. Understanding this process is key because in AD there is probably a fault in this system and may give rise to these conditions rather than be a consequence. A faulty recycling system would lead to a build-up of badly recycled material, known as the tangles and plaques that are seen in AD. This project has identified a key metabolic protein called BCAT that regulates the recycling system of autophagy and that BCAT is increased in AD. It aims to better understand the stages at which this mechanism is regulated and how nutrient load can control it. With Prof Alan Morgan, University of Liverpool, a novel worm model to investigate how the level of BCAT affects protein aggregation and neurodegeneration will be developed.</p> <p>Our grant is in memory of Mrs Bridget Parry.</p>	£12,164
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08-Oct-20

[Stockdales](#)  
[Sale Cheshire](#)  
[M33 5AH](#)



**Helping People  
in Need**

**supporting  
people with  
learning  
disabilities**

**Specialist  
Bathroom  
equipment for  
disabled  
people**

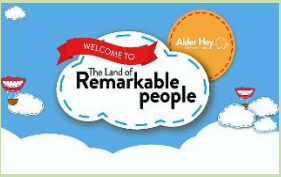
Stockdales provides person centred care and support for the welfare of children and adults with learning disabilities and multiple physical disabilities living in the Trafford area of Manchester. It is dedicated to making a difference to the lives of people with learning disabilities and complex health needs. The charity offers residential care to 25 people with high needs round the clock to live like everyone else at home and beyond. Our community services support over 150 people through activity sessions, days out and clubs for kids and adults. There is a strong focus on learning, social time and being as independent as possible. Our services also are an invaluable lifeline to families too, offering much needed respite.

Jo Parry, a trustee, volunteered as a teenager with Stockdales and she decided to approach the charity to explore how we could help.

Residential care is a key objective of the charity to give people a home with the necessary support so they can live independent lives. A new project to convert a house Sale is underway and the Foundation is funding specialist equipment including a reclining side entry bath, shower and shower trolley. The fitting out of bathroom facilities that are designed for the disabled is vital.

We are excited by working with Stockdales and are focused on building a long term relationship with them.

£13,145

<p>02-Jul-20</p>	<p><a href="#">Alder Hey Children's Charity</a></p> <p><a href="#">Liverpool UK</a></p> 	<p><b>Saving Lives &amp; Health Care</b></p> <p>children's hospital</p> <p><b>Covid -19 challenge</b></p> <p><b>Eight laptops to deliver a Digital Outpatient Service</b></p>	<p>The needs of Alder Hey Children's Hospital cannot be fully met by the NHS and there is much additional equipment which is funded by charitable giving. This modern hospital and its staff deliver a quality service to sick children together with the vital support to their families. Alder Hey Children's Charity raises money to fund life-saving medical equipment, pioneering research and high-quality family facilities that make patient experience at Alder Hey Children's Hospital the best it can be. Our target beneficiaries are the young patients we care for and their families. Our patients range in ages from 0-21 years of age, and whilst the majority (70%) of our patients come from the North West, we are a national hospital and treat patients from across the UK and occasionally internationally.</p>	<p>The lockdown triggered by the Covid-19 pandemic challenged the way services at Alder Hey could be delivered. Imaginative solutions were found that clearly had long term application. One such wide sweeping innovation is the Digital Outpatients Service enabling the hospital to offer a wonderful and highly efficient service. We agreed to fund eight laptops needed by their rheumatology department to deliver a Digital Outpatients Service. This kit provides key clinicians in the department with the capacity to deliver virtual support to patients through and beyond the COVID-19 pandemic. Digital services will extend the geographical coverage and help many parents and their children in more remote areas. This is another grant to Alder Hey Children's Hospital Charity, one of our Partner Charities.</p>	<p>£7,144</p>
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01-Jul-19 [Institute in the Park](#)

[Liverpool UK](#)






**Saving Lives  
& Health Care**  
  
**research into  
childhood  
illnesses**


The Institute in the Park is the home of International Centre for Children's Research, Innovation and Education based on the same campus as Alder Hey Children's Hospital in Liverpool. It is dedicated to researching children illnesses with the aim of managing and understanding the diseases better. It harnesses these aims with education and improved techniques which will lead to improved outcomes. This institute is a cutting edge institution collaborating internationally to advance paediatric medical care.

This is our second grant to Institute in the Park underpinning our long term relationship with them in supporting the vital research into childhood illnesses. Our grant covers the cost of a 4D Nucleofactor platform from Lonza. This system will facilitate an area of research that is currently unavailable within the laboratory. It will enable studies into gene function, gene regulation and how this may lead to the expression and activity of certain proteins that the genes code for. This technology will therefore enhance our current investigations into the role certain genes play in the development and progression of autoimmune diseases in children. It would also benefit the lab based research projects being carried out as part of the Experimental Arthritis Treatment Centre for Children . Working in the laboratory (and therefore would have access to this technology) are six postdoctoral Scientists, two research technicians, two PhD students and two MRes students.

£13,717

02-Mar-19	<p><a href="#">Brace</a></p> <p><a href="#">Bristol, BS10 5NB</a></p> 	<p><b>Saving Lives &amp; Health Care</b></p> <p><b>research into dementia</b></p>	<p>Brace's key objective is to understand the causes of Alzheimer's which represents 60-70% of cases and other dementias including vascular, fronto-temporal &amp; Lewy body - understanding the causes could facilitate prevention, containment and treatment. To achieve earlier diagnosis before irreversible brain damage has occurred and to find better, far more effective treatments.</p> <p>Brace funds world class clinical and laboratory research. The charity conducts a rigorous peer review process in accordance with the guidelines set down by the Association of Medical Research Charities (<a href="http://www.amrc.org.uk">www.amrc.org.uk</a>). This means that only the most scientifically robust proposals are funded. The peer review process is directed by Professor Bridget Lumb, Chair of the Scientific Advisory Committee and BRACE Trustee.</p>	<p>Our grant will fund replacement of critical laboratory equipment needed for a dementia research project "Understanding the metabolic link between type II diabetes and Alzheimer's disease" led by Myra Conway, Professor in Biomedical Science at UWE. The research has identified a group of proteins that are involved in a mechanism that helps clear abnormal material that build up in the brain tissue of people with Alzheimer's disease. It might be possible to regulate these proteins through changes in diet which could slow down or delay Alzheimer's disease. Recent studies have shown that people with type 2 diabetes have a 50:50 risk of developing Alzheimer's disease but the mechanism that connects the two conditions is not known. Improving our understanding of how diabetes can increase the risk of developing Alzheimer's disease could lead to more effective treatments.</p> <p>Our grant is in memory of Mrs Bridget Parry.</p>	£6,434
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07-Dec-18	<p><a href="#">Alder Hey Children's Charity</a></p> <p><a href="#">Liverpool UK</a></p> 	<p><b>Saving Lives &amp; Health Care</b></p> <p>children's hospital</p> <p><b>Specialised Thermocare heated cot</b></p>	<p>Alder Hey Children's Charity raises money to fund life-saving medical equipment, pioneering research and high-quality family facilities that make patient experience at Alder Hey Children's Hospital the best it can be. Our target beneficiaries are the young patients we care for and their families. Our patients range in ages from 0-21 years of age, and whilst the majority (70%) of our patients come from the North West, we are a national hospital and treat patients from across the UK and occasionally internationally.</p>	<p>Our grant will purchase a Thermocare heated cot. Alder Hey estimates that each heated cot will benefit approximately 30 neonatal patients each year. In addition, the families of these patients will also benefit through the improved care of their children. Neonatal patients and their families will benefit through the optimal care environment that they create in:</p> <ol style="list-style-type: none"> <li>1. Nurturing early parental bonds</li> <li>2. Making the hospital experience less intimidating</li> <li>3. Supporting families to make the transition from hospital to home</li> </ol>	£7,096
24-Oct-16	<p><a href="#">Institute in the Park</a></p> <p><a href="#">Liverpool UK</a></p> 	<p><b>Saving Lives &amp; Health Care</b></p> <p>research into childhood illnesses</p>	<p>The Institute in the Park is the home of International Centre for Children's Research, Innovation and Education based on the same campus as Alder Hey Children's Hospital in Liverpool. It is dedicated to researching children illnesses with the aim of managing and understanding the diseases better. It harnesses these aims with education and improved techniques which will lead to improved outcomes. This institute is a cutting edge institution collaborating internationally to advance paediatric medical care.</p>	<p>Our grant will purchase a ThermoFisher Scientific EVOS XL Cell Imaging System. This kit is cutting edge microscope technology which will aid three main research groups currently focusing on:</p> <ul style="list-style-type: none"> <li>➤ Juvenile systemic lupus erythematosus (JSLE) and childhood arthritis</li> <li>➤ Respiratory disease (chest infection cystic fibrosis and asthma); and</li> <li>➤ Childhood leukaemia</li> </ul> <p>The trustees are excited by this work and hope that this will project will lead to a long and fruitful relationship with the Institute.</p>	£11,931

<p>12-Aug-15</p>	<p><a href="#">Alder Hey Children's Charity</a> <a href="#">Liverpool UK</a></p> 	<p><b>Saving Lives &amp; Health Care</b></p> <p><b>children's hospital</b></p>	<p>Charity dedicated to supporting Alder Hey Children's hospital. A new hospital has been built (opening late 2015) to replace the old hospital which has served not only Merseyside but the UK and beyond for over 100 years. The aim is to deliver a hospital fit for a modern age that not only provides excellent clinical care but also creates an environment that reduces stress and tension. Although the new hospital has been funded through grants not everything was covered leaving a £30m shortfall.</p>	<p>The Foundation's grant will cover the cost of two single occupancy bedrooms in the long-term ventilation ward which treats children with severe mobility challenges. Equipment in the bedroom includes specialised technology, state of the art patient bed, domestic furnishings and a parent bed for stay overs for mum and dad. The trustees consider such quality facilities to be essential in caring for our children.</p>	<p><b>£12,000</b></p>
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