

Diabetes Research & Wellness Foundation

Welcome to United Through Diabetes 2024

The Big DRWF Diabetes Wellness Day



Inform • Inspire • Empower







With knowledge comes confidence

A quick glance at your app^{1,2} and see where your glucose is at.

Diabetes management made easy.³



START YOUR FREE TRIAL TODAY BY SCANNING THE QR CODE



Images are for illustrative purposes. Not actual patient.

The FreeStyle LiberLink app is only compatible with certain mobile devices and operating systems. Please check the website for more information about device compatibility before using the app. Use of FreeStyle LiberLink may require registration with LibreView. 2. Glucose readings are automatically displayed in the app only when the smartphone and sensor are connected and in range. 3. Haak, T. Diabetes Ther. (2017): https://doi.org/10.1007/s13300-016-0223-6.

© 2024 Abbott. The sensor housing, FreeStyle, Libre, and related brand marks are marks of Abbott. ADC-94177 v1.0 06/24.

Welcome... to the BIG Diabetes Wellness Day – *United Through Diabetes 2024*

I am delighted to welcome you to *United Through Diabetes 2024*. This year's event is supported by numerous industry partners and organisations from across the diabetes, health and wellbeing landscape. All of whom enable us to deliver an exciting event, with an abundance of learning opportunities for our diabetes

We have some amazing speakers for you today, experts from a wide range of diabetes and related health disciplines, as well as those working at the cutting-edge of diabetes research, who have volunteered their time to share their knowledge, skills and experience with the universal aim of supporting self-management of diabetes and physical and mental health outcomes.

United Through Diabetes is a concept that has people with diabetes at its heart. It provides an opportunity to come together to support each other. The power of this event lies in connecting people with shared experience, creating an encouraging, inspiring and safe space. A space that enables and empowers people to develop the knowledge, skills and confidence that is needed to meet the daily challenges of diabetes, head on.

We are so pleased that you have decided to join us today. Please make the most of the programme content; meet our exhibitors and sponsors, and chat with our speakers. Gather and take home as much information and top tips, as you need. And if you are so inclined, let anyone of the *DRWF team* know that you would be interested in supporting the charity in it's work.

And remember, by attending today you have contributed to building a community of like-minded individuals, where mutual acceptance and understanding is key to success.

Thank you for being a part of **#UTD24**. Ours is a powerful community, and we couldn't do this without you!

Best wishes

community.

Sarah Tutton Chief Executive Officer



Sarah Tutton Chief Executive

More about the event...

The Event

It's great to be back in Warwickshire for this year's United Through Diabetes where once again we are bringing experts together from across the diabetes community to share their knowledge, expertise, practical skills, personal experiences and the very latest in information, guidance and diabetes related services and products with you. The event will give you the opportunity to listen to talks and take part in workshops delivered by the very best diabetes professionals from across the NHS, meet and speak with experts from leading technology and diagnostic companies, engage with our funded diabetes researchers and learn all about their groundbreaking work, meet and speak with representatives from related health charities, government wellbeing and university research teams and health service providers. It's also a great place to meet other people living with diabetes and make new friends.



Lee Calladine Event Co-ordinator

The Programme Streams

We have multiple programme streams taking place across the day so you can choose the sessions and activities that best suit your needs. Feel free to jump from room to room and take part in what interests you the most. Use the timetables here in this guide or scan the QR codes to view the programmes in more detail on our website, or just ask one of our team members who will be happy to help. Our programme streams today are...

- Diabetes research
- Children, young people, and families living with Type 1 Diabetes
- People of all ages living with Type 1 Diabetes
- Members of diverse communities living with diabetes
- People living with Type 2 Diabetes
- DRWF film room
- DRWF funded research poster displays
- Fun science and art activities for our youngest attendees

The Exhibition Room

Our event is being filmed and photographed for our marketing. Please let us know if you do not wish to be filmed on the day.



We are delighted to be joined by fantastic line up of exhibitors from across the diabetes industry, NHS, and health sector. The exhibition room will be open all day, so make the most of this fantastic opportunity to meet and talk with these visiting experts who will be on hand to offer advice on health, lifestyle, wellbeing and the very diabetes-related products and services.

A Cuppa with Pukka

Join us in The Grange and enjoy a cuppa with the team from Pukka Herbs, sample their amazing range of teas and learn all about the herbs they use to create them. Meet other people from across the diabetes community, make new friends and share experiences over a cup of tea, coffee and a snack. Head back down the ramp and take part in some fun activities to raise funds and awareness for DRWF, be a daredevil and sign up for a skydive, run, abseil or something less terrifying like a coffee morning or cake bake, win some awesome prizes in our draw, pick up your 2024 Christmas cards and gift wrappings, meet and chat with the DRWF team and collect some of our diabetes information leaflets and other resources.

The Diabetes Research Village

We have an amazing team of DRWF funded researchers joining us who will be showcasing and presenting their work for you. Listen to talks about the latest ground-breaking diabetes research, meet the team behind the worldclass Islet Isolation Facility and transplant programme and take this rare opportunity to put your questions to the experts. We are proud to fund and work with these experts at the leading edge of diabetes research, from basic science to clinical application, our researchers are at the forefront of recent advances and longstanding programmes. Together we are invested in a brighter future for all people living with diabetes, and you get the opportunity to meet them here today.

Diabetes Film Reel

Visit the screening room to watch our diabetes research film and interview film reel. Throughout the day we will play these on a loop, so you can view them at your leisure. The films will feature panel discussions and one-on-one interviews with previous and current researchers who will reflect on the advances and changes in diabetes over the years, and their own personal highlights and hopes for the future. We will also be showing interviews with our diabetes healthcare professional colleagues. We hope you have an amazing day with us and go home feeling inspired, informed and more empowered to manage your diabetes.









Supplication of the

Exhibitor List

Meet the visiting experts from across the diabetes industry, diabetes community groups, council and local government health teams and holistic practitioners, who will be on hand to offer advice on health, lifestyle and diabetes-related products and services.



Located in the Kenilworth Foyer

DRWF Exhibition Stand & Fundraising

Located in the Kenilworth Suite

Dexcom	Diabetes Africa	Leicester Diabetes	South
Insulet	Funky Pumpers	Centre	Warwickshire NHS Foundation Trust
Desang Ltd	Healthwatch	The Lifestyle Club	Diabetes Specialist Dietetics Team
U U	Warwickshire	Macular Society	Dietetics ream
Medtronic CAHN	Healthier You: NHS	Noctura 400	Warwickshire Fire ଧ Rescue Service
CosyFeet	Diabetes Prevention Programme	Revolve Comics	Uniquely Health
NHS Coventry, Warwickshire and Solihull Talking	Birmingham, Solihull and Black Country Diabetic	Royal National Institute of Blind People (RNIB)	Xyla
Therapies	Eye Screening Programme	South Asian Health Foundation	
DESMOND		roundation	



Omnipod® 5: AUTOMATED **INSULIN DELIVERY** Simplified



Omnipod[®] 5 with SmartAdjust[™] technology adjusts on the go*

Explore the benefits of Omnipod 5 for your patients^{1,2} at omnipod.com/en-gb

In pivotal studies, Omnipod 5 demonstrated¹⁻⁴:

- Significantly reduced HbA1c >
- > Improved time in range
- Reduced diabetes distress in adults > and children and their caregivers
- Less time in hypoglycaemia in adults and very young children; hypoglycaemia remained low in children. Less time in hyperglycaemia

Indication: The Omnipod® 5 Automated Insulin Delivery System is indicated for use by INDIVIDUALS OF 2 YEARS OF AGE AND OLDER WITH TYPE 1 DIABETES MELLITUS.

in 240 people with T1D aged 6 - 70 years involving 2 weeks standard diabetes therapy followed by 3 months Omnipod 5 use in Automated Mode. Average At in adults/adolescents and children, standard therapy vs. Omnipod 5 - 10% vs. 6 39%. Average Line in Aligned Educose range (from CGM) for standard therapy vs. Omnipod 5 - 3, 45%. 55%. Keys 8.80%. Average Line with high blood glucose in adults/adolescents and children, standard therapy vs. 3-mo Omnipod 5: 32.4% vs. 24.7%; 45.3% vs. 30.2%. Median time with low blood glucose in adults/adolescents and children, standard therapy vs. 3-mo Omnipod 5: 32.4% vs. 24.7%; 45.3% vs. 30.2%. Median time with low blood glucose in adults/adolescents and children, standard therapy vs. 3-mo Omnipod 5: 2.0% vs. 1.1%; 1.4% vs. 1.5%. Brown et al. Diabetes Care (2021). In 80 people with T1D aged 2 - 5 9 ys: involving 2 weeks standard diabetes therapy followed by 3 months Ornipod 5 use in Automated Mode. Average time in Target Glucose range (from CGM) for standard therapy vs. Omnipod 5 = 72.5% vs. 68.1%. Average Line with low blood glucose (~70mg/dL) from CGM in standard therapy vs. Omnipod 5 = 3.41% vs. 2.13%. Sherr JL, et al. Diabetes Care (2022). In 115 people with T1D aged 18–70 years involving 2 weeks standard diabetes therapy followed by 3 months Ornipod 5 use in Automated Mode. Diabetes distress measured by Typ 1 Diabetes Distress Scale (T1-DDS) baseline vs.3 months of 5 use; 1.44% vs. 1.48 (vs.0.00) respectively. Polosisy WH, et al. Diabetes face (2022). In children and their caregivers (m=82) and adolescents and their caregivers (m=82) and adolescents and therap vs. Omnipod 5 = 20.4% vs. 2.15%. Average Line with low blood glucose (s.470mg/dL) from CGM in standard therapy vs. Omnipod 5 = 3.41% vs. 2.15%. Average Line with low blood glucose (s.470mg/dL) from CGM in standard therapy vs. 1.48 (vs.0.00) respectively. Polosisy WH, et al. Diabetes therapy followed by 3 months of 5 use; 1.44 vs.0.01/1 respectively. Polosisy WH, et al. Diabetes line Cin Prot (2022). In children and their

>

eles (PND) in children and their caregivers as well as adviescents and their caregivers at baseline vs 3 months of Omnipod 5 use; 27.4 vs. 24.2; 47.1 vs. 40.7; 30.5 vs. 27.1; 45.0 vs. 38.0 (P=0.0001) respectively. Hood KK, et al. Pediatric

y automated mode with a compatible sensor, the Omnipod 5 System makes adjustments to insulin delivery every 5 minutes based on the user's current sensor glucose value, glucose values predicted 60 minutes in the future, glucose trend, and

used in automated mode with a compatible sensor, the Umnipod 5 System makes adjustments to insult delivery every 5 minutes based on the user's current sensor glucose value, glucose values predicted 60 minutes in the future, glucose trend, and sitile glucose sensor sold separately and requires a separate prescription. It hould Corporation. Omnipod, SmartAdjust and the Omnipod® logo are trademarks or registered trademarks of insulet Corporation in the United States of America and other various jurisdictions. Dexcom and Dexcom 66 are registered trademarks of In. Inc. and used with permission. The sensor housing, FreeStyle, Libre, and related brand marks are marks of Abbott and used with permission. All other trademarks are the property of their respective owners. The use of third party trademarks does not use an endorsement or imply a relationship or other affiliation. All rights reserved. Insulet Netherlands BV Stadsplateau 7, 3521 AZ Utrecht, Netherlands. INS-OHS-03-2024-00107 V1

Type 1 Diabetes Programme



Time	Торіс	Speakers	Location
8:45	Registration and Refreshments		Events Centre Foyer and The Grange Bar and Lounge
9:00 - 10:30		Opportunity to visit the Diabetes Community Village, Research Village and Exhibition Room	
9:30 - 10:15	Pancreatic Islet Transplantation: Current Status and Future Opportunities	Professor Paul Johnson	The Othello
10:30 - 11:15	A Type 1 Life 67 Years Living with Diabetes	Peter Davies	The Stratford
11:45 - 12:30	Meet the Man, the Myth, the Professor Questions and Answers with Professor Partha Kar	Professor Partha Kar	The Stratford
12:00 -14:00	Lunch and explore the event		
13:45 - 14:30	Navigating the Pathway of Diabetic Retinopathy: Trials and Triumphs and the Vision for the Future	Dr Rebecca Thomas Bernadette Warren	The Stratford
14:30 - 14:45	Comfort Break		
All day from 9:00	The Exhibition Room		The Kenilworth Suite
All day from 9:00	Meet our researchers		Diabetes Research Village
All Day from 9:00	Enjoy all day refreshments, have a cuppa with the Pukka Herbs team fundraising fun and meet others in our Community Area		The Grange Bar and Lounge, The Grange Foyer
All Day from 9:00	View our DRWF Research Film		The Othello



Please scan for more information on the Type 1 Diabetes programme and our speakers



Type 1 Family & Children's Programme

Time	Торіс	Speakers	Location
8:45	Registration and Refreshments		Events Centre Foyer and The Grange Bar and Lounge
9:00 - 10:30	Opportunity to visit the Diabetes Community Village, Research Village and Exhibition Room		
9:30 - 10:15	Pancreatic Islet Transplantation: Current Status and Future Opportunities	Professor Paul Johnson	The Othello
10:30 - 11:15	Type 1 Transition in Diabetes for Children, Young Adults and the Whole Family A Panel Discussion	Sanjay Gohil Dr Meera Ladwa Dr Renuka Dias	The Hamlet
11:45 - 12:30	Comfort Break Period		
12:00 -14:00	Lunch and explore the event		
13:45 - 14:30	Type 1 Diabetes and Managing Exercise	Professor Rob Andrews	The Hamlet
14:30 - 14:45	Comfort Break		
14:45 - 15:30	Type 1 Origins A Comic Book Story Concept to Page and Super Hero Education and Diabetes Inspiration	Professor Partha Kar Dr Mayank Patel	The Hamlet
All day from 9:00	The Exhibition Room		The Kenilworth Suite
All day from 9:00	Meet our researchers		Diabetes Research Village
All Day from 9:00	Enjoy all day refreshments, have a cuppa with the Pukka Herbs team fundraising fun and meet others in our Community Area		The Grange Bar and Lounge, The Grange Foyer
All Day from 9:00	View our DRWF Research Film		The Othello



Please scan for more information on the Type 1 Family & Children's Programme and our speakers



Type 2 Diabetes Programme



Time	Торіс	Speakers	Location
8:45	Registration and Refreshments		Events Centre Foyer and The Grange Bar and Lounge
9:00 - 10:30		Opportunity to visit the Diabetes Community Village, Research Village and Exhibition Room	
9:30 - 10:15	Live Long and Prosper Living Well into Older Age with Diabetes	Professor David Strain	The Avon
10:30 - 11:15	The Rainbow Paper	Marion Mackonochie Merlin Willcox	The Avon
11:45 - 12:30	From A1C to Zzzz: Planning for an Admission to Hospital with Diabetes	Dr Mayank Patel	The Avon
12:00 -14:00	Lunch and explore the event		
13:45 - 14:30	Living Well, Healthy Choices and Diabetes in the Current Climate	Lauren Kelly Georgette Alayyan	The Avon
14:30 - 14:45	Comfort Break		
14:45 - 15:30	The Lifestyle Club: A Model for Preventative Healthcare	Helen Gowers	The Avon
All day from 9:00	The Exhibition Room		The Kenilworth Suite
All day from 9:00	Meet our researchers		Diabetes Research Village
All Day from 9:00	Enjoy all day refreshments, have a cuppa with the Pukka Herbs team, fundraising fun and meet others in our Community Area		The Grange Bar and Lounge, The Grange Foyer
All Day from 9:00	View our DRWF Research Film		The Othello



Please scan for more information on the Type 2 Diabetes programme and our speakers





Vertex is honored to sponsor United Through Diabetes 2024 by DRWF

As we focus on scientific innovation to create transformative medicines for people with serious diseases, we are committed to listen, learn from and partner with the communities we serve.

Diverse Community Programme



Time	Торіс	Speakers	Location
8:45	Registration and Refreshments		Events Centre Foyer and The Grange Bar and Lounge
9:00 - 10:30	Opportunity to visit the Diabetes Community Village, Research Village and Exhibition Room		
9:30 - 10:15	Tackling Diabetes Inequity in Black Populations - Lived Experience Perspectives A Panel Discussion	Dr Bernadette Adeyileka-Tracz Barbara Hudson Amelia Glasgow Daniel Newman Tilieka Hendricks	The Stoneleigh and The Warwick
10:30 - 11:15	Free Period		
11:45 - 12:30	Managing Diabetes in Ramadhan	Dr Adnan Masood	The Stoneleigh and The Warwick
12:00 -14:00	Lunch and explore the event		
13:45 - 14:30	Healthy Eating and Active Lifestyles for Diabetes (HEAL-D) in African and Caribbean Communities	Professor Louise Goff	The Stoneleigh and The Warwick
14:30 - 14:45	Comfort Break		
14:45 - 15:30	Managing Diabetes During Diwali, Mela and other South Asian Festivals	Sheena Bhageerutty	The Stoneleigh and The Warwick
All day from 9:00	The Exhibition Room		The Kenilworth Suite
All day from 9:00	Meet our researchers		Diabetes Research Village
All Day from 9:00	Enjoy all day refreshments, have a cuppa with the Pukka Herbs team fundraising fun and meet others in our Community Area		The Grange Bar and Lounge, The Grange Foyer
All Day from 9:00	View our DRWF Research Film		The Othello



Please scan for more information on the Diverse communities programme and our speakers

V



Diabetes Research Village

Sponsored by



omni pod

Time	Торіс	Speakers	Location
8:45	Registration and Refreshments		Events Centre Foyer and The Grange Bar and Lounge
9:00 - 10:30	Opportunity to visit the Diabetes Community Village, Research Village and Exhibition Room		
9:30 - 10:15	Pancreatic Islet Transplantation: Current Status and Future Opportunities	Professor Paul Johnson	The Othello
10:30 - 11:15	Quickfire Research Roundup	Dr Tara Lee Dr Victoria Garfield Dr Richard Hulse Mr James Russ-Silsby Dr Steven Millership Dr Adaikala Antonysunil	The Othello
11:45 - 12:30	Person Reported Outcomes What Matters to People with Diabetes Matters to Healthcare Providers	Professor Katharine Barnard-Kelly	The Othello
12:00 -14:00	Lunch and Explore the event		
13:45 - 14:30	Panel Discussion Research Hopes for the Future (for all types of diabetes)	Professor David Strain Professor Ketan Dhatariya Professor David Matthews Dr Mark Evans Dr Stephanie Hanna Professor Kathleen Gillespie	The Othello
14:30 - 14:45	Comfort Break		
14:45 - 15:30	Watch this space!	Come discover who's speaking	The Othello



Please scan for more information on the Diabetes Research Village Programme and our speakers



Pukka Herbs at United Through Diabetes

Pukka Herbs will be joining United Through Diabetes 2024 as the

premiere hospitality sponsor at **The Grange**. Their in-house herbalists expertly blend the finest organic ingredients, drawing on Ayurvedic, Chinese, and Western traditions to craft herbal teas that nurture both body and mind with every delightful sip. Pukka aims to connect people with traditional wisdom and modern science through their delicious organic teas, championing the benefits of herbs and spices.

Committed to health, Pukka funds research with leading universities to explore the benefits of herbs and



spices, including their role in addressing diabetes. Incorporating herbs and spices into a healthy diet can reduce sugar and salt intake while adding flavour to food and beverages.

Pukka recently reaffirmed their dedication to public health at a parliamentary event, where they launched their Rainbow Paper. This initiative urges the government to include herbs and spices in national dietary recommendations, fund more research on their health benefits, and educate schools about these advantages.

Don't miss your chance to **visit Pukka at The Grange** to explore the wonderful world of herbs and spices. Learn about their research, sample some delicious creations, and pick up a leaflet on how to incorporate more herbs and spices into your daily routine.





discover a blend of herbal wonder



Medtronic

Smart MDI* system

with Simplera[™] CGM

Take the guesswork out of insulin dosing.**





 Multiple Daily Injections
 Toosing recommendation calculated as per HCP initial settings and user-estimated carbohydrates amount
 UK-DBA-2400029

Jerome, living with Diabetes.

Our Speakers

We are excited to welcome our wonderful line-up of guest speakers who are joining us, sharing their expertise, knowledge and commitment to supporting people living with diabetes.



Dr Adaikala Antonysunil

Senior Lecturer in Biochemistry, School of Science and Technology

Masters in Medical Biochemistry

PhD in the field of diabetes



Daniel Newman Award-winning diabetes advocate Host of The Talking Type 1 podcast.

Patient representative on the NICE guidelines committee



James Russ-Silsby

Final-year PhD student at the University of Exeter Medical School

Specialises in novel causes of monogenic neonatal and early-onset diabetes

Received a pump-priming grant from the Diabetes Research and Wellness Foundation



Dr Meera Ladwa MRCP PhD

Diabetologist and Clinical Lead for Type 1, Transition and Young Adult Diabetes

Newham Hospital, Barts Health NHS Trust

Honorary Senior Clinical Lecturer at Queen Mary University London



Professor Ketan Dhatariya

Consultant in diabetes, endocrinology and general medicine at the Norfolk & Norwich University

Honorary Professor of Medicine at the University of East Anglia

Chair of the Association of British Clinical Diabetologists











Barbara Hudson

The Queen Elizabeth Hospital Birmingham

Clinical Nurse Specialist in Diabetes

Works in collaboration with Diabetes UK and Diabetes Africa

Professor David Strain

Associate Prof in Cardiometabolic Health

Thematic Research Lead for Health to the UK Parliament

Chair of British Medical Association Board of Science and Academic Staff Committee

Professor Kathleen Gillespie

Professor of Molecular Medicine at the University of Bristol

Leads the Diabetes and Metabolism Research Group

Helps operate the Alistair Williams Antibody Facility

Professor Paul Johnson

Director of the DRWF Oxford Human Islet Isolation Facility and the Oxford Islet Transplant Programme.

Chair of the NHSBT UK Islet Transplant Steering Group

Professor of Paediatric Surgery at the University of Oxford

Professor Louise Goff

Professor of Nutrition Science at Leicester Diabetes Research Centre

Leads a research programme focused on health inequalities in minority ethnic groups, working with communities of African heritage





Bernadette Adeyileka-Tracz, MPharm, PhD, Exec MBA

Executive Director of Diabetes Africa Registered Pharmacist



Bernadette Warren

Volunteer

Expert patient for NICE

Lay member of the Royal College of Ophthalmology.



Dr Renuka Dias, BMedSci MBBS FRCPCH PhD

Consultant Paediatric Endocrinologist Birmingham Women and Children's Hospital

Honorary Associate Clinical Professor at the University of Birmingham

Clinical Lead for Paediatric Diabetes and Lead for the National Highly Specialised Service for Wolfram Syndrome (Children) in Birmingham



Dr Mayank Patel

Helen Gowers

Collaboration

MSc in Human Nutrition

Registered dietitian and

Director of The Lifestyle Club,

for the charity Public Health

Consultant in Diabetes University Hospital Southampton NHS Foundation Trust

Quality in Care Award winner for Outstanding Educator in Diabetes

Honorary Senior Clinical Lecturer at University of Southampton

Professor Katharine Barnard

Chairs the FDA RESCUE Global Collaborative Community

Visiting Professor and internationally renowned expert psychosocial impact and management of illness and long-term conditions

Professor David Matthews MA, DPhil, BM, BCh, FRCP, MD hon causa

Co-founded the Oxford Health Alliance

Established the Oxford Centre for Diabetes, Endocrinology, and Metabolism

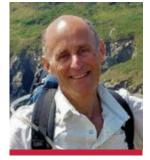


Marion Mackonochie

Herbal Science Manager at Pukka Herbs

Qualified medical herbalist and researcher

Associate Editor for the Journal of Herbal Medicine.



Peter Davies

Advocate for those with Type 1 Diabetes Fundraiser for Diabetes Research



Professor Mark Evans

Professor of Diabetic Medicine based in the University of Cambridge's Institute of Metabolic Science

Consultant Physician working in diabetes and general medicine in Cambridge University Hospitals







Professor Partha Kar OBE FRCP

Consultant Endocrinologist Portsmouth Hospitals NHS Trust

National Specialty Advisor, Diabetes, NHS England

GIRFT Co-lead, Diabetes, NHS Improvement



Dr Richard Hulse, PHD, MA, BSc

Associate Professor at Nottingham Trent University

Sensory neurophysiologist

Post doctoral researcher at the University of Bristol and University of Nottingham



Sanjay Gohil

Director of Futures health Ltd

He has held commercial and managerial roles within the pharmaceutical, med-tech, and digital health sectors



Dr Steven Millership, PHD

Research Fellow

MSc Applied Genomics META 70003 and 70004 Module Lead



Dr Victoria Garfield, BSc, MSc, PhD

Genetic Epidemiologist

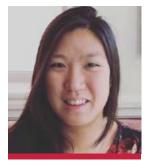
STEM Ambassador

Professor David Matthews Non-Clinical Fellowship











Doctor Rebecca Thomas

Senior Lecturer for population health and medical studies

Co-programme director MSc diabetes practices at Swansea University Medical School.

Professor Rob Andrews

Associate Professor at the University of Exeter Honorary Consultant Physician at Musgrove Park Hospital Taunton Co-founder of EXTOD



Diabetes Research and Wellness Foundation Professor David Matthews Research Fellows at Cardiff University

Specialises in single cell **RNA** sequencing

Dr Tara Lee

Clinical Research Fellow at the University of East Anglia

Speciality Registrar in Obstetrics and Gynaecology at Norfolk & Norwich University Hospitals NHS Foundation Trust.

Amelia Glasgow

Type one diabetic, for the last 21 years





Sheena Bhageerutty MSc

Registered Associate Nutritionist

Focus on reducing nutrition-related diseases within ethnic minority groups

Fellow at the South Asian Health Foundation



 (\checkmark)

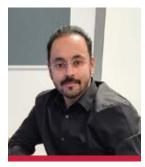
 $\overline{}$

 $(\checkmark$

Lauren Kelly

Registered Dietitian for University Hospital Southampton NHS trust

Joint Lead Diabetes Dietitian Gosport PCN



Georgette Alayyan

Lead Diabetes Specialist Dietitian

Health and Care Professions Council (HCPC)

British Dietetic Association (BDA)

Dr Adnan Massod MBcHB MRCGP

DRCOG Diploma in Orthopaedic Medicine

GP with A special interest in diabetes

discount on our services with the code UTD10 Valid until 30/10/24

Uniquely Health PERSONALISED SUPPORT

Tailored nutrition & movement plans

Ongoing support from expert clinicians

Easy to implement recommendations

Online and flexible services

"The service has made me more active and eating better than I have done in the past." Find out how we can support you



- Paul, Metabolic Programme

www.uniquelyhealth.com

Medtronic

MiniMed[™] 780G system

with the NEW Simplera Sync[™] sensor

Live life with more Time in Range^{1*}





 Choudhary P. et al, Lancet Diabetes Endocrinol. 2022; https://doi.org/10.1016/ S2213-8587(22)00245-5
 Compared to MDI + isCGM UK-DBA-2400029



DESANG

DESANG

THREE'S

DESANG

TURNING

WELCOME



Wider, deeper & roomier than any footwear on the high street

Suitable for a range of swelling & foot problems

Easy to get on & off swollen feet

Diabetic-friendly styles available



VISIT **cosyfeet.com** OR CALL **0800 731 0148** FOR YOUR FREE CATALOGUE



Our monthly e-magazine is free to receive. It's packed with info about diabetes kit, interviews, counting carbs, other food news and ways to live well with the condition, whichever form of it you have.

> Send us an email with the subject line, **Sign me up!** to: **info@desang.net**

You can unsubscribe anytime, but we don't think you will want to!

ESANG

HOT STUFF

Meet our Researchers

We are proud to work with experts at the leading edge of diabetes research. From basic science to clinical application, our researchers are at the forefront of recent advances and long standing programmes. Together, we are invested in a brighter future for people with diabetes, and today, you get the opportunity to meet them...



Dr Richard Hulse, Nottingham Trent University

My research is focused upon understanding how diabetic neuropathic pain occurs. Diabetic neuropathic pain is common, with large proportions of individuals living with diabetes suffering from this problem. This will allow us to develop new or refined therapeutic treatments. All individuals experience pain in some form but despite the unpleasant nature of pain, it is beneficial to protect us from injury. However, this protective nature can be lost due to damage to the sensory neurons. This results in long term chronic pain in individuals living with diabetes. To date there is a lack of effective analgesia to deliver therapeutic relief. Primary areas of investigation that I pursue relate to exploring the causative factors associated with the onset of diabetic neuropathic pain allowing for the design of disease tailored pain killers.



Dr Stephanie J. Hanna PhD FHEA , University of Cardiff

Stephanie Hanna was the 2020 Diabetes Research and Wellness Foundation Professor David Matthews Research Fellows at Cardiff University. She completed her undergraduate degree and PhD in pharmacology at the University of Bath with placements at Novartis and Piramed. Her research interests focus on the immune processes that drive type 1 diabetes and how they can be prevented. She specialises in the cutting-edge technique of single cell RNA sequencing (scRNAseq) to analyse the immune cells involved in type 1 diabetes as they respond to components of the insulin-producing beta cells. She also applies these techniques to examine responses to immunotherapies for type 1 diabetes in clinical trials.



Dr Adaikala Antonysunil, Nottingham Trent University

Dr Adaikala Antonysunil is a Senior Lecturer in Biochemistry, School of Science and Technology. She had a master's degree in medical Biochemistry and PhD (2006) in the field of diabetes. Her PhD focused on one of the large epidemiologic studies to elucidate oxidative damage in diabetes. For post-doctoral-fellowship at University of Essex, UK (2006), she continued the research in diabetes complications and subsequently at the University of Warwick to understand the role of B-vitamins in diabetes. Identifying the gene-nutrient interactions on metabolic disease related outcomes inspired her to pursue research in delineating the epigenetic mechanisms of the micronutrient in obesity and cardiovascular risk. With several external/internal funding (DRWF, BBSRC-DTP, RoseTrees trust, Society of Endocrinology), she set up an independent lab to investigate the potential mechanisms of B12 on obesity and gestational diabetes. In 2017, she joined the NTU and believes understanding the role of micronutrients on the health of the mother and their babies would offer novel opportunities to reduce the risk of metabolic disease in next generation.



Dr Victoria Garfield, University of Liverpool

Dr Vicky Garfield is a genetic epidemiologist with a background in psychology and statistics at the University of Liverpool's Department of Pharmacology and Therapeutics. Vicky's research uses multiple large-scale population-based datasets to understand complex diseases particularly relationship between cardiovascular risk factors (particularly diabetes and hypertension) and neurodegenerative diseases (e.g., different types of dementia), as well as the association sleep disturbances and various health consequences, in mid-later life. She uses a range of approaches, but she has a particular interest in exploiting genetic data and causal inference methods (e.g., Mendelian randomization, target trial emulation, etc). Vicky is also passionate about outreach work, public engagement and mentoring young people. She has been a STEM Ambassador since 2019 and has mentored several young people over the years, many of whom are now pursuing scientific careers.





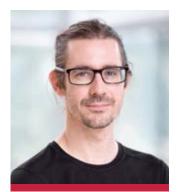
James Russ-Silsby, University of Exeter

James is a final-year PhD student at the University of Exeter Medical School, specializing in novel causes of monogenic neonatal and early-onset diabetes. Throughout his PhD, James has contributed to the identification and description of three novel subtypes of neonatal diabetes. He aims to further this research in his post-doctoral career. James has received a pump-priming grant from the Diabetes Research and Wellness Foundation to investigate the genetic causes of transient neonatal diabetes. This subtype of monogenic diabetes is characterized by an onset before six months, remission during infancy, and a return in childhood or adolescence. By studying the world's largest cohort of individuals with transient neonatal diabetes, referred to Exeter, James hopes to uncover new genetic causes of the disease. Identifying new causes of neonatal diabetes can improve patient treatment and provide insights into the pathology of all diabetes forms. James's research aims to enhance our understanding and management of this disease, contributing to better therapeutic strategies for patients.

Professor Kathleen Gillespie, University of Bristol

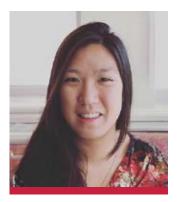
Kathleen Gillespie is Professor of Molecular Medicine at the University of Bristol. She leads the Diabetes and Metabolism Research Group who coordinate a series of type 1 diabetes natural history studies including the first study of risk in adults, T1DRA and the long-running Bart's Oxford family study. The team also operate the Alistair Williams Antibody Facility which specialises in measurement of islet autoantibodies, key predictors of future type 1 diabetes. A growing portfolio of studies include understanding why children with Down Syndrome are at increased risk of type 1 diabetes (DRWF-funded) and the exocrine pancreas in type 1 diabetes. Kathleen is currently Chair of the UK Type 1 Diabetes Research Consortium which brings together researchers across the UK working collaboratively towards improved therapies.





Dr Steven J. Millership PhD, Imperial College London

Dr Millership completed his PhD in Cell Biology at Cardiff University in 2012 and his postdoctoral work at the MRC London Institute of Medical Sciences (LMS) in 2020 which centered around epigenetic function of pancreatic beta cells. In February 2020 he was awarded a Wellcome Trust ISSF Springboard Fellowship and joined the Section of Cell Biology and Functional Genomics at the Department of Metabolism, Digestion and Reproduction at Imperial College London. He is also supported by a DRWF project grant, a Society for Endocrinology Early Career Grant and is lead for two modules of the Imperial College MSc Applied Genomics programme. Dr Millership has over 20 peer reviewed publications to date and presents his work at multiple international Diabetes/ islet conferences each year. He is also the early career editor of the Journal of Endocrinology and Journal of Molecular Endocrinology, and is a Society for Endocrinology Leadership and Development Programme Awardee (2022-2025).



Dr Tara Lee, University of East Anglia

Tara Lee is a Clinical Research Fellow at the University of East Anglia and Speciality Registrar in Obstetrics and Gynaecology at Norfolk & Norwich University Hospitals NHS Foundation Trust. Having qualified in 2012, she completed postgraduate Core Medical Training and is currently training in Obstetrics and Gynaecology in the East of England. Tara is the 2021 DRWF Sutherland-Earl Clinical Fellow and undertaking a PhD at UEA where her work focuses on type 1 diabetes in pregnancy and the use of diabetes technologies. As well as her own studies, she is a researcher on the AiDAPT (Automated insulin Delivery Amongst Pregnant women with Type 1 diabetes) and PROTECT (Pregnancy Outcomes using continuous glucose monitoring Technology in pregnant women with Type 2 diabetes) studies.

Meet our Sponsors and Exhibitors

We are delighted to welcome our supporting line up of sponsors and exhibitors. Visit the exhibition room where you will have the opportunity to meet and talk with these experts from the leading diabetes technology companies about the latest CGM sensors, insulin pumps and blood-glucose meters. Put your questions to the visiting diabetes specialist teams, diabetes community groups and council and local government health teams, who will be on hand to offer advice on health, lifestyle and the very latest diabetes-related products and services.





Registration Sponsor and Headline Exhibitor

Abbott Laboratories

Abbott Laboratories create breakthrough products, in diagnostics, medical devices, nutrition and branded generic pharmaceuticals – that help you, your family and your community lead healthier lives, full of unlimited possibilities. Today, 115,000 of us are working to make a lasting impact on health in the more than 160 countries we serve.

Headline Exhibitor and Programme Streams Sponsor



Dexcom

Dexcom UK and Ireland develop and market real-time Continuous Glucose Monitoring (rtCGM) Systems for people living with diabetes on insulin. The company is a leader in transforming diabetes care and management through rtCGM technology. This technology enables healthcare professionals to support people living with diabetes, whilst taking control of their diabetes management. Dexcom focuses on better outcomes for patients, caregivers, and clinicians by delivering real-time CGM solutions and empowering the community to take control of diabetes.





Sponsor of DRWF's 'Diabetes Research Village'

Insulet

Insulet Corporation, is an innovative medical device company dedicated to simplifying life for people with diabetes. The Omnipod DASH® System and Omnipod 5® Automated Insulin Delivery System, are alternatives to traditional insulin delivery. With its simple, tubeless and waterproof* design, the Pod provides up to 3 days of continuous insulin delivery. **The Pod has a waterproof IP28 rating for up to 7.6 m for 60 min*

bnyka

Hospitality Sponsor

Pukka Herbs

We at Pukka are dedicated to crafting delicious organic teas, connecting people to the magical secrets of powerful herbs, from rise to rest. Our team of leading herbal experts blend the finest organic ingredients using a mastery of science, traditional and Ayurvedic wisdom to create a range of herbal symphonies that nurture with every delicious sip. Since our founding in 2001, we have ensured our organic ingredients are always sourced fairly, ethically, and sustainably from around the globe. This is guaranteed by Fair for Life and FairWild. Two of the fairest, most equitable and transparent fair-trade systems in the world. From giving 1% of annual sales to environmental courses, robust independent standards, recyclable packaging and home compostable tea bags, at Pukka we are passionate in our mission to do things differently to minimise our impact on the planet. One cup at a time.



Media Sponsor

Vertex

Vertex is a global biotechnology company that invests in scientific innovation to create transformative medicines for people living with serious diseases. We are serial innovators, committed to developing medicines that treat the underlying cause of disease, not just the symptoms. Founded more than 30 years ago in Cambridge, USA, Vertex Global Headquarters are in Boston, USA, and the International headquarters are in London, England. Today, we have ~5,500 employees worldwide in 22 global office locations, and we operate in over 60 countries. We have dedicated research and development sites in San Diego, Boston, Rhode Island and Oxford (UK).

Headline Exhibitor

Medtronic



Medtronic Diabetes focuses on improving the lives of those within the global diabetes community. As a business, Medtronic strives to empower people with diabetes to live life on their terms by delivering innovation that truly matters and providing support in the ways they need it. We're committed to meeting people with diabetes where they are in their journey, always with an aim to make their lives easier. Our portfolio of innovative solutions are designed to provide customers greater freedom and better health, helping them achieve better glucose control, while spending less time managing their disease

A big thank you to our sponsors and exhibitors



Diabetes Research & Wellness Foundation





Cosyfeet



Southern Health

Desmond Desmond



Diabetes Africa



Funky Pumpers



Healthier You: NHS Diabetes Prevention Programme



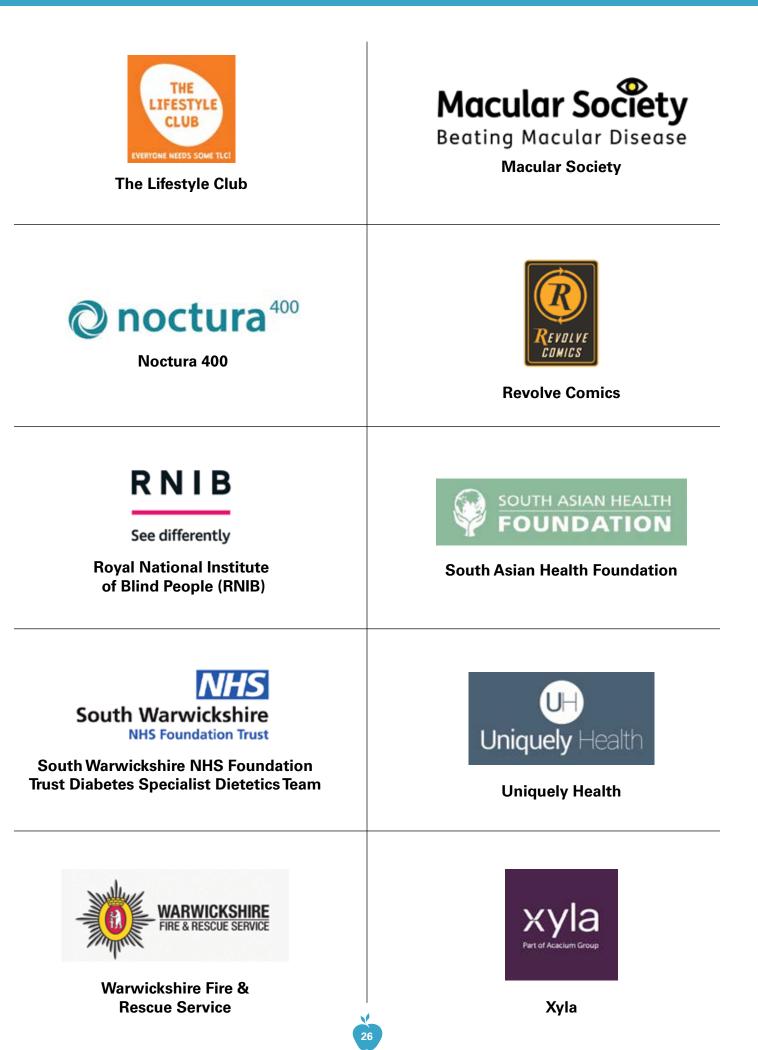
Healthwatch Warwickshire

INHEALTH INTELLIGENCE

Birmingham, Solihull and Black Country Diabetic Eye Screening Programme



Leicester Diabetes Centre





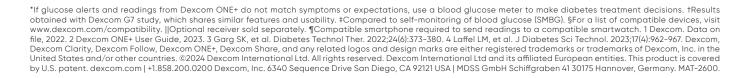
discover an easier way to manage diabetes^{1,‡,1} introducing the new Dexcom ONE+

A continuous glucose monitoring system (CGM) that lets you see your glucose readings at a glance on your smartphone, $^{\$}$ receiver, $^{\parallel}$ or smartwatch. $^{\$}$

- Accurate²⁻⁴ readings 24/7
- No finger pricks' or scanning
- Customisable high and low alerts
- For type 1 and type 2 diabetes

ask your diabetes team about Dexcom dexcom.com/en-gb







the new Dexcom One[†]

Smart devices sold separately.^b The Dexcom ONE+ Sensor is waterproof and may be submerged under 2.4 meters of water for up to 24 hours without failure when properly installed.

Take control of your diabetes, so you can get back to doing the things you love.

Living with type 1 or type 2 diabetes can be an overwhelming balancing act that requires a lot of guesswork. But, thanks to Dexcom ONE+, there's now an easier^{1,1,1} way to manage your diabetes, available on prescription.

Dexcom ONE+ is a continuous glucose monitoring (CGM) system with a wearable sensor that lets you see your glucose readings at a glance, 24/7. Without finger pricks' or scanning, you can keep track of your glucose levels anytime, anywhere and manage your diabetes with confidence.

better diabetes management[‡]

Dexcom ONE+ offers exceptional accuracy, even when glucose levels are rapidly changing.²

By seeing your glucose levels and patterns as they happen, you can make informed diet, exercise, and treatment decisions in the moment.

This also gives you a reliable 24-hour picture.^{*} Finger pricking only gives a snapshot of your glucose levels at one point in time, but with continuous, automatic readings you get the full story at a glance.^{*}

You can also see where you're heading as Dexcom ONE+ has customisable high and low alerts² that can give you time to take action.

as easy as 1, 2, 3

Dexcom ONE+ **connects** to a dedicated mobile app on your smartphone,[§] a Dexcom receiver,^{II} or smartwatch^{II} so you can be up and running in no time.



The sensor is **painless to apply**,^{†,#,2} and lasts for up to 10 days."

You can **wear it your way** – Dexcom offers multiple wear locations⁺⁺ so that adults can wear the sensor on their arm or abdomen for flexibility and convenience – tailored to their lifestyle.



insights you can act on

Dexcom ONE+ gives a more complete picture of glucose numbers and trends for better diabetes management⁺ and a healthier, ^{±+,3,4} more confident life.

With Dexcom ONE+ you will be able to see how small changes can make a big difference - the event logging feature allows you to log your food choices, exercise routines, and stress levels to help you see what affects your glucose patterns. The Dexcom Follow app^{§§} enables you to share your glucose levels, including high and low alerts, with up to 10 followers - giving you extra support and your family and friends extra peace of mind.[‡]

Dexcom CGM has proven results and has been shown to reduce time outside of range^{1,5-7} and improve quality of life.^{||,8}



Receiver sold separately.¹

available on the NHS

NICE (The National Institute for Health and Care Excellence) have guidelines on funding CGM for people living with type 1 diabetes and some people living with insulin-treated type 2 diabetes.

Your diabetes healthcare team will have their own local policy in line with NICE guidelines. So, at your next appointment, why not ask what they could mean for you now that Dexcom ONE+ is available on prescription?

If you are not eligible on the NHS, you can also buy Dexcom ONE+ online from just £35 for a 10 day sensor."."

So why not take a look

at everything Dexcom ONE+ has to offer?



The anxiety I had experienced eased, my management improved."

LUCY FOX, DEXCOM WARRIOR



Discover more about Dexcom One

Lucy is a sponsored spokesperson of Dexcom. ⁴If glucose alerts and readings from Dexcom ONE+ do not match symptoms or expectations, use a blood glucose meter to make diabetes treatment decisions. Results obtained with Dexcom G7 study, which shares similar features and usability. ⁴Compared to self-monitoring of blood glucose (SMBG). §Smart devices sold separately. For a list of compatible smart devices, please visit dexcom. com/compatibility. [Doptional receiver sold separately. ¶Compatible device required for smartwatch connectivity. #Users reported that 94% of sensor insertions were painless. ^{**}Each Dexcom ONE+ glucose sensor can last up to 10 days, plus a 12 hour grace period. t1Dexcom ONE+ is approved for wear on the arm and abdomen, and children 2-6 years can also wear their sensor on the upper buttocks. ^{‡‡} Based on a reduced risk for long-term complications with better glycaemic control. §SSeparate app and internet connection required. Always confirm readings on the Dexcom CGM app or receiver before making treatment decisions. [IIIResults obtained with a previous generation of Dexcom CGM system and are applicable to Dexcom ONE+ given similar feature sets and better performance and usability. ¶Prices are shown excluding VAT. If you are purchasing CGM for someone who has diabetes, you are eligible for VAT exemption on this purchase. There is an additional £4,99 shipping fee for all UK Dexcom ONE+ orders. 1 Data on File. Dexcom G7 UK Survey, 2022. N = 231, 92% of participants reported Dexcom CGM system. 8 Dolonsky UH, et al. Diabetes 1997;46:271-86. 5 Beck RW et al. JAMA. 2017;371(4):371-8. 6 Beck RW et al. JAMA. 2017;371(4):371-8. 6 Beck RW et al. JaMA. 2017;37(4):371-8. 6 Dexcom CGM system. 8 Dolonsky WH, et al. Diabetes Care. 2017;60(5):355-44. Dexcom CM reduces. O2012;64(2):355-44. Dexcom Date: Dexcom CGM system. 8 Dolonsky Care. Diabetes of treatment Modalities in 7 years of is covered by U.S. patent. dexcom.com | +1.858.200.0200 Dexcom, Inc. 6340 Sequence Drive San Diego, CA 92121 USA | MDSS GmbH Schiffgraben 41 30175 Hannover, Germany. MAT-2597



ering the global challenge of type 2 diabetes and lo ns through world-leading research, education and i

Po:

Dia

STNEX

LABPAD

entre

20

@ ielce



RESEARCH Diabetes Rosearch B Willness Education





How DRWF can support you

RESEARCH

Since 1998 we have provided over £12 million of funding for medical research programmes, with the aim of finding a cure for all types of diabetes. In 2004, we made a significant commitment to Islet Cell Research and Transplant, a programme which focuses on the role of islet cells in diabetes. Read more about our commitment to research: www.drwf.org.uk/drwf-research

DIABETES INFORMATION

We are committed to providing high-quality, clearly communicated, evidence-based healthcare information, to ensure that people with diabetes can make informed decisions about their health, safe in the knowledge that our information is trustworthy and reliable. To this end, we are members of the Patient Information Forum (PIF) – the independently-assessed quality mark for trusted health information.

- See our series of professionally authored **leaflets on diabetes and related health**, freely available as a .pdf download, audio file or as hard copy upon request: www.drwf.org.uk/understanding-diabetes/information-leaflets
- Always get the latest news on diabetes online. Keep up to date with research, medication and tech, all in fact checked news that you can trust: **www.drwf.org.uk/news-and-events/news**
- Learn more about healthy living, nutrition, exercise and diabetes self-management: www.drwf.org.uk/livingwith-diabetes/healthy-living
- The event's not over when you leave, you can find videos of the talks, audio interviews and other resources from United Through Diabetes on our **UTD Digital Hub** coming soon: **www.drwf.org.uk/UTD**
- Join the **Diabetes Wellness Network**. Our aim is to bring people with diabetes together through the sharing of knowledge and experience, as well as providing important health advice. When you join the Network, you can be confident that you will have a wealth of diabetes and related health expertise at your fingertips: **www.drwf.org. uk/diabetes-wellness-network**
- Podcasts: Our Living with Diabetes podcast aims to share accurate information and tell inspirational stories about diabetes. Coming soon is our joint podcast with Abbott, titled 'Stigma in Type 2 Diabetes', featuring Professor Katharine Barnard-Kelly, Dr Mayank Patel, and TV presenter Dave Benson Phillips: www.drwf.org.uk/news-andevents/podcasts





Thank you to all our volunteers! We couldn't have done this without you.

We'd like to take this opportunity to say a huge thank you to all of *our amazing and dedicated volunteers*. Over the past 26 years, you've travelled the length and breadth of the UK with us, supported us at all of our diabetes wellness days, residential weekends, 'Active with Diabetes' walking weeks, healthy cooking days, community education and occupational health events. You've done bucket collections at racecourses and cricket matches, you've helped us take blood samples at our HbA1c screening days, you've jumped out of planes, abseiled down towers, run, baked, swam and cycled. You've helped us stuff envelopes, distribute resources to hospitals, GPs and care homes, and you've been the friendly and knowledgeable face of DRWF out in the community. We simply couldn't have done it without you. You are not just our volunteers; *you are our friends and part of the DRWF family.* Thank you for all you do. We love you.











How to support us

YOUR GENEROSITY CAN HELP OUR DREAMS BECOME A REALITY

We don't receive any government income and rely entirely on donations and fundraised income to support our work. The researchers we fund work tirelessly to improve our knowledge of diabetes; explore new treatments and management pathways, on the long road towards our ultimate goal of a CURE. Alarmingly, diabetes continues to grow in pandemic proportions around the world and with almost 5 million people living with diabetes in the UK, our work is increasingly important.

Your support enables us to fund the research that we believe will make diabetes a thing of the past. We are investing in a brighter future for people with diabetes, **WILL YOU?**

If you would like to get involved in our fundraising activities, perhaps participate in a pre-planned challenge event, or hold an event in your local community with family and friends, please contact us on 023 92 637808, email fundraising@drwf.org.uk We would love you to **JOIN US!**

ALTERNATIVELY YOU CAN -



Make a one-off donation or set up a regular giving direct debit on our website **www.drwf.org.uk/get-involved/donate**



Play our lottery, a great way to be in with a chance to win a prize and make a donation at the same time **www.drwf.org.uk/lottery**



Talk to your employer about their Corporate Social Responsibility (CSR) policy, most have one. They may be encouraged to match-fund your fundraising sponsorship. This is a great way to double the money you raise!

It is sometimes hard to understand how making a donation today, or getting involved in a fundraising event can make a difference in the future, but it is this combined effort that drives change forward.

You can visit our website for more inspiration on how you can help us find a cure and create a world without diabetes.

We are investing in a brighter future for people with diabetes, and you help us to do that!

Please scan to start donating today



www.drwf.org.uk



Diabetes Research & Wellness Foundation, Building 1000, Langstone Technology Park, Havant, PO9 1SA

Registered Charity in England & Wales, Registration no: 1070607 Company no: 03496304 Company Limited by Guarantee