

Designability (Bath Institute of Medical Engineering) Annual Report 2013-14

Contents

About Us	2
Our New Premises	3
Message from the Director	4
Message from the Chairman of the Council	5
Summary of Activities	6
Summary of our Financial Performance	12
How we are Governed	13
Council's Report	15
Independent Auditor's Report	17
Statement of Accounting Policies	19
Accounts	21
Statement of Financial Activities	23
Notes to the Accounts	25
Donations Received	29

FRIDAY



A3J6CPGO
A16 24/10/2014 #198
COMPANIES HOUSE

designability

Bath Institute of Medical Engineering

About Us

We join expertise and knowledge to enhance people's lives.

At Designability we are engineering and design experts with a passion for creating life-changing assistive technologies. We conduct original research and develop commercial products that meet real needs.

We advocate better technology for everyone and believe inclusive design is the only way forward. We work with end-users, carers and health professionals to help us understand the problem, find a solution and test it in real life situations.

Research is where we start. It helps us understand the needs of users, opens up new technologies and leads to the development of new products.

We collaborate with a range of university academic departments around the UK and work with partner charities to help as many people as we can.

We create great looking, easy-to-use designs that go beyond basic functionality – we know our products have transformed over 250,000 lives in the last 45 years.

Our New Premises

On 14 February 2014 the Rt. Hon Don Foster MP marked the official opening of our newly refurbished premises

After almost 30 years without a lick of paint, our offices in the Wolfson Centre have been given a breath of fresh air

Generously supported by the Medlock Charitable Trust and the Wolfson Foundation, our new premises include

- **An accessible assessment area for our clients** - a dedicated space for us to engage with our clients more easily, assess their needs and evaluate new designs and technologies together e.g focus groups with older people, a larger space for Wizzybug appointments
- **Improved working environment for our designers and engineers** – increased facilities and better use of space to provide a more flexible and creative working environment
- **Flexible office space to support and encourage collaborative working** - we have a small team so all members of staff work together to support our mission. Being segregated in various different rooms made communication difficult, with a more open-plan office, we're finding this has improved already
- **Dedicated space for electronics and software facilities** - improving resources for assistive technology research and development
- **Space for new equipment in our mechanical workshop** - we have invested in a new prototyping machine, this will increase the creative freedom of the designers, providing them with the ability to quickly produce accurate models for early stage concept testing

Message from the Director

There is a saying that if you are not moving forward, then you are going backwards. I am pleased to say that over the last 12 months there have been a number of very significant milestones in our development.

The first was the launch of our new working name, Designability. All the comments and feedback have been uniformly positive ('it just says what you do') and our initial concerns about whether people would still recognise us have been laid aside. Alongside this, we have redeveloped the website. This was another challenge, as we needed it to appeal to our research partners, supporters and beneficiaries. Once again we have had great feedback and seen a very significant growth in the number of visitors to the website. I would like to record my thanks to all the members of the Designability team who worked so hard to make this happen.

The second milestone has been the refurbishment of our premises here in the Wolfson Centre - after some 26 years. Our new offices provide an accessible assessment area for our clients, more advanced workshop facilities for our designers and engineers and a more flexible and creative working environment for the whole team. It has really made a huge difference and we are enormously grateful for the support of our two major donors, the Wolfson Foundation and the Medlock Charitable Trust, who made this possible.

There have been other notable events that I should mention, such as the delivery of a further 10 Wizzybugs to Australia, sales of our Day Clocks to America and the launch of several other new products - these can all be seen on our website, and I encourage you to have a look.

I would like to close with a reminder that as well as making a difference nationally and internationally, we are also working in partnership with our local health community to improve the lives of people living with dementia and their carers. Joint ventures with Sirona Care and Health and the Royal United Hospital, such as the Memory Technology Library and Technology Gallery services, have had a significant impact on many hundreds of people. I am very pleased that the benefit of these pilot schemes has been recognised by the local Clinical Commissioning Group and that they have been selected for continued funding this year.

None of this would be possible without the support of our donors, sponsors and the hard work and dedication of the Designability Team.

Thank you

Nigel Harris

designability

Bath Institute of Medical Engineering

Message from the Chairman of the Council

It is clear that Designability is proceeding from strength to strength in the quality and diversity of our work, involving an increasing number of groups of experts and stakeholders

Our staff have engaged with other biomedical engineers and manufacturers, educationally and commercially, to develop a wide variety of devices for the benefit of members of the community. The transition to our new label of 'Designability' has worked very well, almost certainly aided by our website.

Our Commercial Manager has successfully continued to raise funds, and to consolidate our commercial activity. Funding for research seems to be improving, and the range of our research activity with outside partners nationally and internationally is widening.

Each year brings new technical and economic challenges, but staff at Designability have proved that they are up to those challenges. It has been another good year, well done everybody!

Patrick Magee, MSc, FRCA

Summary of Activities

Our Development Plan

It is almost 12 months since we went ahead with the launch of Designability as our new working name and redeveloped the website

All the comments and feedback have been uniformly positive and our initial concerns about whether people would still recognise us have turned out to be groundless. We have seen a very significant increase in activity on our website. Looking at a one month snapshot of activity in Sept 2013 and April 2014, the number of sessions and users has increased three fold (550 to 1,591 sessions, 391 to 1,173 users), while the number of page views has increased 6 fold (776 to 5,005)

These are all good objective measures of our success in raising our profile nationally

Our Products

We have had a very successful year

Our Wizzybugs are now available in Israel

Our successful Ward Orientation Clock is now available worldwide through our commercial partner, DF Sales. Sales of the Day Clock continue to do well and we launched a new one button radio product in July

The first deliveries of our Linton Lift-Assist Mobile Commode Chair have been made to South Gloucester Community Services, this is available through our commercial partner, Aidapt

Our commercial partner, E2L Electronics, have been working hard to bring the Simple Music Player and Night Light Tray to market. These are due to be launched shortly

Our up-to-date portfolio of commercial products is below. We try to work in partnership with specialist suppliers and distributors to make products available to as many people as possible. For example, the Bottom Wipers are manufactured under license by Homecraft and are available in larger Pharmacy Stores. Please see our website for full details of these products and those still under development

Product	Category
Wizzybug	Early years mobility
Wheelchair Baby Carrier	Early years mobility
Bottom Wipers	Daily living
Visual Reinforcement Audiometry (VRA) System	Health
Swallow Reminder	Health
Wander Reminder	People living with dementia

designability

Bath Institute of Medical Engineering

One Button Analogue Radio	People living with dementia
One Button Digital Radio	People living with dementia
Day Clock	People living with dementia
Ward Orientation Clock	People living with dementia
Custom Bikes	Adults with restricted growth
Toilet Handles	Children with restricted growth
School Chair Footrest	Children with restricted growth
Linton Lift-Assist Mobile Commode Chair	Daily living

Our Referrals

Our Occupational Therapist continues to provide an information and advice service, although some of the enquiries have been dealt with by the Technology Gallery Co-ordinator

We have undertaken work on 9 referrals funded by charitable donations, some of these are ongoing projects. These have included infant feeding pump carrier, audio feedback buckets for Riding for the Disabled, design and installation of audio feedback kitchen taps, stump board

Our New Local Services

We have been working collaboratively with local health and social care partners to develop new services for people with dementia. We were pleased that the Clinical Commissioning Group will continue to fund the Memory Technology Library and Technology Gallery at the Royal United Hospital

Memory Technology Library (MTL)

We worked in partnership with Sirona Care and Health and the Therapeutic Media Company to set up the pioneering Memory Technology Library (MTL) for people with dementia in Bath and North East Somerset (BANES) – first in the U.K.

The library lets people trial a number of simple and affordable technology products before deciding what to buy, ensuring individuals only settle on the one that works for them. The project was funded by the NHS South of England Dementia Challenge Fund. You can find out more on their website <http://www.memorytechnologylibrary.co.uk/>

RUH Technology Gallery

We have been supporting the Royal United Hospital's new initiative to establish a Technology Gallery on site. It will provide a demonstration area with information on product options for people with memory problems or dementia. The gallery will be open to members of the public, visitors and patients, dementia care co-ordinators, hospital staff and other healthcare professionals and the resource room will showcase products that can help people with dementia stay safe and well at home. The service is supported by an advisor who can provide training and assistance in how to use the technology.

designability

Bath Institute of Medical Engineering

Educational Work and Advocacy

We had a further record attendance for our 2013 Annual Lecture, given by Professor Tony Pipe from the Bristol Robotics Laboratory. We were also very pleased to see students from local secondary schools, as well as health and social care practitioners.

The Assisted Living Action Network (ALAN) continues to develop and details of events are available on the ALAN website ubic.org.uk/alan/

We have supported two Undergraduate Design and Engineering Projects at the University of Bath.

We have a Pre-registration Clinical Scientist undertaking her Rehabilitation Engineering training placement with us as part of her studies to become fully qualified.

Premier Farnell's Element14 online community is sponsoring Project Nocturne, our international collaborative design challenge to develop affordable technology that will help ensure that a vulnerable person is safe in bed at night. You can learn more or even sign up and help us with the designs through the Element14 group online <http://www.element14.com/community/groups/bime?view=overview>

Raising our Profile

We've been in the local and national press a number of times this year. Stories ranged from pieces on the Memory Technology Library to our fundraising events with Charity Sci-Fi and the Bath Pageant of Motoring. We have also sponsored the Plenary lecture at the leading UK national Assistive Technology meeting, hosted by the Warwick University.

Alongside this, members of our team have spoken nationally (Inner Wheel National Conference), contributed to films highlighting the importance of Engineering in Healthcare (Institute of Physics and Engineering in Medicine), User Centred Design (COBALT project) and taken part in radio interviews (The Longitude Prize, Inside Science, Radio 4).

Staffing

We are sorry that Assistant Professor Dorothy Monekosso left the team in January, we are recruiting for a new joint post with the University of the West of England, to lead our Computing and Electronics work. We were pleased that Keir Haines joined us as Senior Product Designer in September. Keir comes from the University of Coventry Health Design and Technology Institute and has an impressive track record of work with industry.

Our Volunteers

We're enormously grateful to our volunteers who dedicate their time and expertise to helping us with our charitable work. We're also very thankful to our national panel of assistive technology users, carers and professionals who continue to provide us with their ideas and views on our on-going and new design and development projects.

designability

Bath Institute of Medical Engineering

Our Research

Our established collaborative programme of work with the Faculty of Engineering and Technology at the University of the West of England to develop and apply Smart Technologies for assisted living continues to grow, and we are building on the original aims to

- Investigate the development and application of a range of new smart technologies to support health and wellbeing, utilising recent developments in sensing, data processing and robotics
- Understand barriers to the adoption of new technology by users, carers and health and social care practitioners
- Develop an evidence base to demonstrate effectiveness of any new technology
- Develop collaborative programmes of work in these areas including: undergraduate projects, postgraduate research, health and social care providers, and commercial partners.

Research Grants and Awards

Platform for self-assessment and efficient management for informal caregivers

<http://www.breathe-project.eu/> EU Ambient Assisted Living Joint Programme, Call 5, 2012) £92,000

Development of a memory technology library for people living with dementia.

Designability, Sirona Health and Care and Therapeutic Media Company South West Dementia Partnerships £90,000

N.D. Harris, P Caleb-Solly, M Sotheran and P Claydon A secure, multi-application network of shared sensors for assisted living, energy efficiency and home security Continuum Bridge, University of West of England, Designability Technology Strategy Board £12,500

T. A. Adlam Systematic review of dynamic seating for dystonia (Posture and Mobility Group, £4,775).

T. A. Adlam The design of a dynamic foot support for people with extensor spasms Research into the effect of dynamic foot support on people with dystonic movement disorders and whole body extensor spasms (Posture and Mobility Group, Supervisor of trainee, £7,465)

Tim Adlam, Dr Polly McGuigan and Prof Chris Bowen (University of Bath, Department of Mechanical Engineering) Pilot study to investigate the augmentation of dynamic balance during gait using coordinated vibratory tactile feedback (EPSRC, £2,900)

Papers and Abstracts

Adlam T "Smart House Systems" in "Clinical Engineering for Healthcare Scientists", ed Azzam Taktak, Paul Ganney, Francis Hegarty, David Long, and Paul White, pub Elsevier, 2013, ISBN 978-0123969613

Adlam T, Orpwood R, Wisbeach A, Alger H, Johnson E "Whole Body Dynamic Seating for Children with Extensor Spasms" In Cooper D, Story M, editors 30th International Seating Symposium [Internet] Vancouver Interprofessional Continuing Education, University of British Columbia, 2014 p 182-5 Available from <http://www.interprofessional.ubc.ca/ISS2014/ISS2014Syllabus.pdf>

C Moore, C M Timon, L Maclean, F Hwang, T Smith, **T. Adlam**, A J Astell and E A Williams, "Use of NANA, a novel method of dietary assessment, for the longitudinal capture of dietary intake in older adults", Proceedings of the Nutrition Society, 72(OCE4) 2013, p E267 Available at http://journals.cambridge.org/abstract_S0029665113002929

N. M. Evans, News article "From Concept to Practice an uplifting experience" Occupational Therapy News, August 2013, p 26

N. M. Evans, "Day Night Orientation Clock" Article for Care Magazine, March 2014

H.C. Boyd, N.M. Evans, N.D. Harris.

"Supporting task sequencing for people with dementia how should prompting be delivered?" Proceedings of SRR Clin Rehabil, April 2014, vol 28, 4 pp 403-415

L J Shaw, J Shipley, E L Newell, **N. Harris**, J G Clinch, C R Lovell, "Scanning laser Doppler may predict disease progression of localised scleroderma in children and young adults" British Journal of Dermatology 2013, vol 169, 1 pp 152-155

H Cohen, C McCabe, **N. Harris**, J Hall, J Lewis, D Blake, Clinical evidence of parietal cortex dysfunction and correlation with extent of allodynia in Complex Regional Pain Syndrome (CRPS) Type 1, European Journal of Pain 2013 (17 4) pp 527-538

Invited Presentations

T Adlam, "Specialist seating systems for children with severe disability living in low resource environments" at "Appropriate healthcare technologies for developing countries low-cost, frugal technology medical devices", Institution of Mechanical Engineers, London, September 2013

T Adlam, "Medical Engineering Design", Masterclasses at the Smallpeice Biomedical Engineering Course (Y11 & 12 'A' Level students), University of Southampton, July 2004 - 2014

N D Harris and H C Boyd "Designing accessible technology for people living with dementia" DOCTRID Consortium, Trinity College, Dublin January 2014

H C Boyd, Technology in Dementia Care Conference, (Journal of Dementia Care Conference) University of Worcester June 2013

designability

Bath Institute of Medical Engineering

H V Dalton, "The Impact of a Bespoke Engineering Referral Service"

Association for the Advancement of Assistive Technology in Europe, Porto, September 2013

H V Dalton, "An Evaluation of the Impact of a Simulated Dynamic Foot Support"

Recent Advances in Assistive Technology and Engineering, Oral Presentation, November 2013

N M. Evans, "Meeting the Needs of an Aging Population"

Designability Opening & 45th Anniversary 14th February 2014

N M Evans, "The Memory Technology Library Breaking down the barriers to adoption of assistive living technology" ALAN Network, Feb 2014

Summary of our Financial Performance

Due to the generosity of our supporters, prudent management of costs and improved performance in our charitable work we had a surplus of £11,007 at the end of the financial year. About half of this is restricted funding for our Wizzybug Loan Scheme and refurbishment and we will be investing the rest in increasing our impact and changing more lives – here are some examples

- Raising awareness of our charitable Wizzybug Loan Scheme to ensure as many families as possible benefit from this fantastic product
- Increasing our work with local schools in Bath to promote medical engineering as a potential career path – one of our charitable aims is to help advance medical education

**In 2013/14 our income was £781,065 and our expenditure was £770,058.
This is broken down as follows:**

Income

Expenditure

How we are Governed

Designability is a registered charity and company limited by guarantee under its formal name Bath Institute of Medical Engineering

Our work is overseen by our Council of Trustees and supported by our President

Council of Trustees

Our unpaid Council of Trustees meets at least three times per year and is responsible for ensuring that we meet our charitable objectives and are run according to our Articles of Association and Memorandum of Association

Dr Patrick Magee (Chair) Retired Anaesthetist

Ms Libby Gawith (Council Vice Chair) Civil engineer

Mr Bob Calleja, Retired Business Consultant

Professor Chris Eccleston, Director of the Bath Centre for Pain Research, University of Bath

Professor Richie Gill, Professor of Healthcare Engineering, University of Bath

Professor Ben Hicks, Professor of Mechanical Engineering, University of Bristol

Professor Tony Miles, Professor of Biomechanics, Head of Department of Department of Mechanical Engineering and Director of the Centre for Orthopaedic Biomechanics, University of Bath

Ms Sarah Phillimore, Family Law Barrister at St John's Chambers

Mr Gordon Richardson, Chairman and Trustee of Action on Disability & Work UK (previously the Vassall Centre Trust), Bristol

Dr Louise Shaw, Consultant Stroke Physician, Royal United Hospital, Bath

Dr Manuchehr Soleimani, Senior Lecturer in the Department of Electronic and Electrical Engineering, University of Bath

Mr Steve Tanner, Engineering and Manufacturing Consultant

Professor Mark Tooley, Head of the Department of Medical Physics and Bioengineering and Director of Research and Development at the Royal United Hospital, Bath

Dr Irene Turner, Reader in the Department of Mechanical Engineering, University of Bath

Dr Elizabeth White, Head of Research and Development at the College of Occupational Therapists

Projects Committee

Our Trustees appoint an unpaid Projects Committee to advise on our research and development programme

designability

Bath Institute of Medical Engineering

Dr Elizabeth White (Chair) Head of Research and Development, College of Occupational Therapists

Mr Michael Bishay, Consultant Surgeon, Royal United Hospital, Bath

Ms Mary Chapman, Manual Handling Advisor, Royal United Hospital, Bath

Professor Richie Cheston, Chair of Mental Health Research, University of the West of England

Dr Elies Dekoninck, Mechanical Engineering, University of Bath

Dr Emma Frampton, Consultant in Palliative Medicine, Dorothy House Hospice

Mr Grey Giddins, Consultant Surgeon, Royal United Hospital

Professor Richie Gill, Healthcare Engineering, University of Bath

Mr Andy Gould, Managing Director of Gould Engineering and Management Services Ltd

Mr Lindsay Grant, Consultant Clinical Scientist

Mr Lawrence Griffiths, Consulting Electronic Engineer

Professor Nigel Harris, Director of Designability

Mr Tony Husband, Deputy Director of Designability

Ms Sally Knudsen, Orthopaedic Physiotherapy Specialist, Royal United Hospital, Bath

Dr Patrick Magee, Retired Anaesthetist, Chair of Designability Council

Mr James Stuart-Smith, Director, Astor-Bannerman

Mr Steve Tanner, Engineering and Manufacturing Consultant

Director

Day to day responsibility for the running of Designability is delegated to our Director

Director

Professor Nigel Harris, BSc, MSc, PhD, FIPEM

Company Secretary

Our Honorary Secretary is appointed by the University of Bath and our Honorary Assistant Secretary is appointed by the Council

Company Secretary

Mr M G W Humphriss, University Secretary, University of Bath

Honorary Assistant Secretary

Ms M C Henderson, Administrative Officer, University of Bath

President

Our President is elected at our AGM for a term of two years. He/she provides us with advice and support and helps us spread the word about what we do

Rt Hon Don Foster MP

Council's Report

Nature of governing document and how the charity is constituted

The Institute is a charitable company limited by guarantee, incorporated on 18 June 1968 and registered as a charity on 11 July 1968. The Institute was established under a memorandum of association which established the objects and powers of the charitable company and is governed under its articles of association. Under this Constitution, each member of the Institute is liable to contribute £10 in the event of wind-up.

The objects of the Institute are the advancement of medical education and of engineering research for medical purposes, the dissemination of the knowledge thereby acquired and the relief of those in need (by reason of their disability, age or infirmity) by the provision of devices and equipment to assist in their medical treatment or improve their quality of life.

Organisation structure and how decisions are made

The Board of Trustees (Council) meets three times per year and is responsible for the strategic direction and policy of the Institute. Responsibility for the day to day running of the Institute and delivery of activities is delegated to the Director.

Statement confirming major risks have been reviewed and systems and procedures have been established to manage these risks

The Trustees have reviewed the major strategic, business and operational risks, which the charity faces at this stage of its development, and identified key risks. Actions to address key risk areas have been agreed and progress is reviewed once per year by the trustees. In addition strong financial controls are in place to mitigate the risk of financial losses due to theft or fraud, and these controls are regularly reviewed.

Reserves Policy

Given the size of the Institute and the unpredictability of some of its income streams, an appropriate level of designated unrestricted reserves is considered to be that which is sufficient to cover 12 months' core running costs (£500,000). The Trustees calculate the free reserves as that part of the unrestricted funds that are freely available, after taking into account the designated funds outlined above, the restricted funds which have been earmarked for specific projects and also the tangible assets. At 31 March 2014 the charity had unrestricted free reserves of £122,600 (2013 £220,177).

Statement confirming that the trustees have had due regard to the Charity Commission guidance on public benefit.

We have referred to the guidance contained in the Charity Commission's general guidance on public benefit when reviewing our aims and objectives and in planning our future activities. In particular, the trustees consider how planned activities will contribute to the aims and objectives they have set.

Investment Policy

The Trustees managed the investment portfolio in accordance with the Institute's governing document. Monies not immediately required for the objects of the Institute may be invested in investments, securities or property as may be thought fit having regard to any consent and in accordance with any relevant laws. The Council includes Trustees with sufficient specialist knowledge and experience of investments suitable to the present needs of the Institute.

Methods policies and procedures for recruitment, appointment, induction and training of trustees

The Council has appropriate procedures for the recruitment, appointment, induction and training of its trustees which were agreed when the Council conducted its effectiveness review within the last five years. The Officers of the Charity, supported by the Director and Company Secretary, consider the skills, diversity and gender-balance of the Council prior to appointments being made and arrange for induction as befits the appointee.

Plans for the Future

Last year the Council approved a new vision for the future, the aims being to

designability

Bath Institute of Medical Engineering

- Become nationally recognised for the development and promotion of mainstream technology for independent living
- Identify a new name and unique brand that reflects the work of the Institute
- Promote and raise our profile amongst our users and beneficiaries, industry, the voluntary and public sectors
- Earmark a proportion of our resources towards dissemination and promotion of our work
- Work with selected partners to make mainstream assistive technology available

All these areas of work are ongoing. We have received uniformly positive feedback on our name and the new website. The level of activity on the website has increased significantly, alongside this, members of the Designability team have had opportunities to speak at national events and showcase our work in the media. Work has been completed on a film that promotes the benefits of early powered mobility for young children. Over the next 12 months we will continue to seek opportunities to highlight the benefit of our work and showcase our expertise.

Refurbishment of the premises has also been successfully completed and we are already making full use of the improved accommodation and facilities. This will allow us to expand our research work and to develop our consultancy activities with commercial partners. We will continue our strategy of engaging with commercial partners as this is the most effective means of distributing our products to our beneficiaries.

Statement of Council Responsibilities

The Council (who are also the directors of Bath Institute Of Medical Engineering Limited for the purposes of company law) are responsible for preparing the Report of the Council and the financial statements in accordance with applicable law and United Kingdom Accounting Standards (United Kingdom Generally Accepted Accounting Practice).

Company law requires the Council to prepare financial statements for each financial year which give a true and fair view of the state of affairs of the charitable company and of the incoming resources and application of resources, including the income and expenditure, of the charitable company for that period. In preparing those financial statements, the trustees are required to

- Select suitable accounting policies and then apply them consistently,
- Observe the methods and principles in the Charity SORP,
- Make judgements and estimates that are reasonable and prudent,
- Prepare the financial statements on the going concern basis unless it is inappropriate to presume that the charitable company will continue in business.

The Council are responsible for keeping proper accounting records which disclose with reasonable accuracy at any time the financial position of the charitable company and to enable them to ensure that the financial statements comply with the Companies Act 2006. They are also responsible for safeguarding the assets of the charitable company and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

Statement As To Disclosure Of Information To Auditors

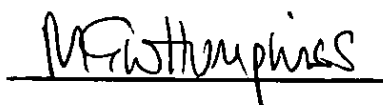
So far as the Council are aware, there is no relevant information (as defined by Section 418 of the Companies Act 2006) of which the charitable company's auditors are unaware, and the Council has taken all the steps that they ought to have taken as a council member in order to make them aware of any audit information and to establish that the charitable company's auditors are aware of that information.

Auditors

The auditors, Haines Watts, will be proposed for re-appointment at the forthcoming Annual General Meeting.

ON BEHALF OF THE COUNCIL

M G W Humphriss,
Honorary Secretary
16 June 2014



www.designability.org.uk
Registered Charity No 256335
Company registered No 933932 (London)

Independent Auditor's Report

to the Members of Designability (Bath Institute Of Medical Engineering Limited)

We have audited the financial statements of Designability (Bath Institute of Medical Engineering Limited) for the year ended 31 March 2014 which comprise the Statement of Financial Activities (incorporating the income and expenditure account), the Balance Sheet, and the related notes. The financial reporting framework that has been applied in their preparation is applicable law and United Kingdom Accounting Standards (United Kingdom Generally Accepted Accounting Practice).

This report is made solely to the charitable company's members, as a body, in accordance with Chapter 3 of Part 16 of the Companies Act 2006. Our audit work has been undertaken so that we might state to the charitable company's members those matters we are required to state to them in an auditor's report and for no other purpose. To the fullest extent permitted by law, we do not accept or assume responsibility to anyone other than the charitable company and its members as a body, for our audit work, for this report, or for the opinions we have formed.

Respective responsibilities of trustees and auditor

As explained more fully in the Trustees' Responsibilities Statement set out in the Report of the Council, the trustees (who are also the directors of the charitable company for the purposes of company law) are responsible for the preparation of the financial statements and for being satisfied that they give a true and fair view.

Our responsibility is to audit and express an opinion on the financial statements in accordance with applicable law and International Standards on Auditing (UK and Ireland). Those standards require us to comply with the Auditing Practices Board's (APB's) Ethical Standards for Auditors.

Scope of the audit of the financial statements

An audit involves obtaining evidence about the amounts and disclosures in the financial statements sufficient to give reasonable assurance that the financial statements are free from material misstatement, whether caused by fraud or error. This includes an assessment of whether the accounting policies are appropriate to the charitable company's circumstances and have been consistently applied and adequately disclosed, the reasonableness of significant accounting estimates made by the trustees, and the overall presentation of the financial statements. In addition, we read all the financial and non-financial information in the Trustees' Annual Report to identify material inconsistencies with the audited financial statements. If we become aware of any apparent material misstatements or inconsistencies we consider the implications for our report.

Opinion on financial statements

In our opinion the financial statements

- give a true and fair view of the state of the charitable company's affairs as at 31 March 2014, and of its incoming resources and application of resources, including its income and expenditure, for the year then ended,
- have been properly prepared in accordance with United Kingdom Generally Accepted Accounting Practice, and
- have been prepared in accordance with the requirements of the Companies Act 2006.

Opinion on other matter prescribed by the Companies Act 2006

In our opinion the information given in the Trustees' Annual Report for the financial year for which the financial statements are prepared is consistent with the financial statements.

designability

Bath Institute of Medical Engineering

Matters on which we are required to report by exception

We have nothing to report in respect of the following matters where the Companies Act 2006 requires us to report to you if, in our opinion

- adequate accounting records have not been kept or returns adequate for our audit have not been received from branches not visited by us, or
- the financial statements are not in agreement with the accounting records and returns, or
- certain disclosures of trustees' remuneration specified by law are not made, or
- we have not received all the information and explanations we require for our audit

Susan Plumb ACA
Senior Statutory Auditor
For and on behalf of Haines Watts, Chartered Accountants and Statutory Auditors
Old Station House
Station Approach
Newport Street
Swindon
SN1 3DU

Date

Statement of Accounting Policies

This Statement of Accounting Policies forms part of the Accounts

(a) *Accounting convention*

The accounts have been prepared in accordance with the historical cost basis of accounting, with the exception of investments which are included at market value, in accordance with Statement of Recommended Practice "Accounting by Charities" Revised 2005 and in accordance with the Financial Reporting Standard for Smaller Entities

(b) *Taxation*

No provision for taxation, deferred or otherwise, has been provided in these accounts as Designability is a registered charity (registered number 256335) and is therefore exempt from taxation (other than Value Added Tax) under Section 505 of the Income and Corporation Taxes Act, 1988

(c) *Assets received as donations*

No assets have been donated to the Institute, other than financial donations

(d) *Cash flow statement*

No cash flow statement has been prepared as it is considered that no material benefit would be derived from such a statement

(e) *Sponsored research*

Income from sponsored research is the recovery of direct expenditure incurred during the year and overheads relevant to that year

(f) *Replacement of assets*

Items of equipment are expensed and charged through the Statement of Financial Activities. However, motor vehicles are capitalised and depreciation charged at 20% per annum and a new milling machine for the workshop has been capitalised and depreciation charged at 10% per annum

Costs incurred on the Wizzybug loan scheme are capitalised and depreciation charged at 20% per annum

Building refurbishment costs are capitalised and depreciation charged at 2% per annum

(g) *Investments*

Dividends and interest from investments are credited to income on a receivable basis and include the associated income tax credits

Investments are shown in the Balance Sheet at the mid-market price quoted by the London Stock Exchange. Gains and losses on the revaluation and realisation of investments are credited to the Investment Fund in the Statement of Financial Activities

(h) *Incoming Resources*

All incoming resources are included in the statement of financial activities when the charity is entitled to the income and the amount can be quantified with reasonable accuracy. The following specific policies are applied to particular categories of income:

- a) Voluntary income is received by way of grants, donations and gifts and is included in full in the statement of financial activities when receivable
- b) Interest is accounted for in the period it is receivable
- c) Consultancy, sales and royalties are accounted for in the period in which the relevant goods or services have been provided. Contractual income received in advance has been deferred

(i) *Resources Expended*

All expenses are accounted for on an accruals basis as the liability is incurred.

Direct and indirect charitable expenditure represents expenditure in the furtherance of the work of the Institute.

Fund raising expenditure consists of appropriate printing and postage costs and a proportion of administration costs.

(j) *Fund Accounting*

Restricted funds are to be used for specific purposes as laid down by the donor or funder. For research projects, expenditure is direct costs including all contracted staff hours. Income is the income from research councils to cover the direct costs.

For restricted projects, expenditure is the total of all invoiced costs plus all recorded staff hours spent on the project with a 45% charge to cover support costs and overheads. Income is the donated income specified for each project, received in the year.

Designated funds are unrestricted funds that have been set aside by the trustees for particular purposes. The aim and use of each designated fund is set out in the notes to the financial statements.

General funds are unrestricted funds which are available for use at the discretion of the Trustees in furtherance of the general objectives of the charity and which have not been designated for other purposes.

Transfers between funds are made where the income for the project is exceeded by the costs incurred on the project, or where it has been agreed with the funder to use unspent balances at the end of a project on activities with a similar objective.

(k) *Pension Costs*

Designability participates in three defined benefit pension schemes. The costs of contributions are recognised in the year they are paid (see note 5).

Accounts

Balance Sheet at 31 March 2014

	Total Funds 2014 £	Total Funds 2013 £
Fixed Assets (Note 10)		
Investments	437,808	315,423
Tangible assets	<u>170,492</u>	<u>92,617</u>
	608,300	408,041
Current Assets		
Debtors		
Sundry	65,675	60,725
Pre-payments	2,397	39,472
Money Market deposits	352,888	421,148
Bank balances	67,066	220,177
Petty Cash	<u>12</u>	<u>99</u>
	488,038	741,620
Creditors: amounts falling due within one year		
Creditors & Accruals (Note 12)	<u>(81,365)</u>	<u>(157,960)</u>
Net current assets	<u>406,673</u>	<u>583,660</u>
Total assets less liabilities	<u>1,014,973</u>	<u>991,700</u>

Funds:

Unrestricted funds

General reserves	293,092	312,794
Designated reserves (Note 13)	500,000	500,000

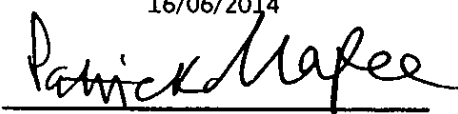
Restricted funds (Note 14)	221,881	178,906
-----------------------------------	---------	---------

Total funds	<u>1,014,973</u>	<u>991,700</u>
--------------------	------------------	----------------

Approved by Council on

16/06/2014

Dr P T Magee Chairman



Ms L Gawith - Vice Chair

Statement of Financial Activities (including the Income and Expenditure Account)

	Unrestricted Funds	Restricted Funds Research	Restricted Funds Projects	Total Funds 2014	Total Funds 2013
	£	£		£	£
Incoming Resources from generated funds					
Voluntary income					
Donations	158,390		298,266	456,656	486,640
Grants for sponsored research		109,430		109,430	182,573
Investment income	19,558			19,558	29,038
Consultancies(& Misc) (Note 4)	51,258			51,258	26,346
Incoming resources from charitable activities					
Sales	108,287			108,287	97,050
Bad debt write off	(324)			(324)	328
Royalties	36,200			36,200	13,732
Total incoming resources	373,368	109,430	298,266	781,064	835,707
Expenditure					
Charitable activities					
Direct expenditure on general activities					
Salaries and wages (Note 5)	305,294			305,294	45,021
Materials and equipment	(30,127)			(30,127)	(9,576)
Direct expenditure on sponsored activities					
Salaries and wages (Note 5)		99,736	69,196	168,932	354,787
Materials and equipment		4,858	91,511	96,369	83,281
Administration, exhibitions and professional fees		3,876		3,876	24,633
Depreciation on Wizzy Bug loan scheme	32,400			32,400	22,000
Depreciation on Computer equipment	7,502			7,502	7,309
Depreciation on refurbishment	1,056			1,056	0
Depreciation on W'shop equip	1,498			1,498	0
Travelling and conferences		961	4,158	5,119	4,089
Indirect expenses					
Rent (Note 6)	6,101			6,101	6,065
Premises	5,315		54,495	59,810	6,066

designability

Bath Institute of Medical Engineering

Administration, exhibitions and professional fees (Notes 7 & 8)	52,805			52,805	74,956
Travelling and conferences	13,862			13,862	16,003
Cost of generating funds					
Salaries	43,033			43,033	49,098
Materials and equipment	2,528			2,528	3,552
Total expenditure	441,267	109,430	219,360	770,058	687,283
Net (outgoing)/incoming resources for the year before transfers	(67,899)	0	78,906	11,006	148,424
Unrealised gain on investment assets	12,266	0		12,266	34,656
Realised loss on investment assets				0	0
	(55,633)	0	78,906	23,273	183,082
Transfer between funds	35,931	0	(35,931)		
Net movement in funds	(19,702)	0	42,975	23,273	
Funds at 31 March 2013	812,794		178,906		991,700
Funds at 31 March 2014	793,092	0	221,881	1,014,973	

Notes to the Accounts

1 LIMITATION BY GUARANTEE

The Company is Limited by Guarantee and as such has no share capital. Under the Constitution, each member of Designability is liable to contribute £10 in the event of winding up.

2 CHARITABLE STATUS

The Company is a registered charity (no 256335).

3 SUBSCRIPTIONS

In previous years Designability's members paid an annual subscription to the organisation. With the revision of the Articles of Association in March 2009, membership of the Institute is restricted to members of Designability Council and any income from members is counted as a donation.

4 CONSULTANCIES, SALES & ROYALTIES

This heading has been split to show funds separately for the three areas.

5 EMPLOYEES

Particulars of employees are as shown below -

	2014	2013
	£	£
Wages and Salaries	405118	371799
Social Security Costs	29624	26955
Other Pension Costs	58866	50153
	493608	448907

No trustee received any remuneration or expenses during the year (2013 £ nil).

One employee received a salary of between £65k and £75k.

Employees by function – Engineering – 6 fte, Clinical – 0 fte, Fundraising – 1 fte, Admin/management – 3 fte, Promotions – 0 fte.

Designability participates in three contributory pension plans providing defined benefits based on final pensionable pay. The schemes are as follows -

Local Government Pension Scheme The assets of the scheme are held separately from those of the Institute. The Institute does not have separate employee registration and is registered as part of Bath University for the purpose of the scheme. Accordingly, it is not possible to separately identify the assets and liabilities relating to the Institute for the purpose of Financial Reporting Standard 17 (FRS 17) disclosure and accordingly any FRS 17 surplus or deficit attributable to the Institute is not shown on the Balance Sheet.

National Health Service Scheme and Universities Superannuation Scheme Both of these are mutual schemes and again, the assets and liabilities cannot be attributable to an employer and any surplus or deficit attributable to the Institute is not recognised on the Balance Sheet.

The schemes are therefore treated as defined contribution schemes in these financial statements as permitted by FRS 17.

6 LEASEHOLD PROPERTY

A lease of the property at the Medical Sciences Centre was entered into on 26 May 1995 and renegotiated on 23 April 2013. By the terms of the lease, the annual rent was reviewed and agreed at £5330 (Excluding VAT). The lease expires on 28 September 2067. There were no capital costs to the Institute.

7 AUDIT FEES

Audit fees of £1600 are included under the heading of Administration, Exhibitions and Professional Fees.

designability

Bath Institute of Medical Engineering

8 DIRECTORS' AND OFFICERS' LIABILITY INSURANCE

The Institute has effected Directors' and Officers' Liability Insurance cover

9 INVESTMENTS

	2014 £
Value at 1 April 2013	315423
Unrealised Gains	22385
Disposals	0
Acquisitions (reclassified from Money Market deposits)	100000
Value at 31 March 2014	<u>437808</u>

The Investments are shown in the Balance Sheet at market value

10 FIXED ASSETS

Cost	Workshop Equipment	Refurbishment	Computer Equipment	Motor Vehicles	Wizzybug Loan scheme	Total
				£	£	£
At 1 April 2013	0	0	21926	6362	110000	138288
Additions	14976	52780	575	0	52000	120331
Disposals	0	0	0	0	0	0
At 31 March 2014	14976	52780	22501	6362	162000	258619
Depreciation						
At 1 April 2013	0	0	7309	6362	32000	45671
Charge for the year	1498	1056	7502	0	32400	42456
Eliminated on disposal	0	0	0	0	0	0
At 31 March 2014	1498	1056	14811	6362	64400	88127
Net Book value						
At 31 March 2014	13478	51724	7690	0	97600	170492
At 31 March 2013	0	0	14617	0	78000	92617

11 RELATED PARTY

For administrative purposes Designability's staff payroll is processed through the University of Bath. Salary costs are invoiced by the University to Designability. Consumable items and stationery are charged at cost, the total of these charges is insignificant.

12 CREDITORS AND ACCRUALS

	2014 £	2013 £
Sundry creditors	8537	62120
Accruals	72828	95840
	<u>81365</u>	<u>157960</u>

13 DESIGNATED FUNDS

Designability has considered the appropriate level of reserves to be designated and concluded that £500,000 is the appropriate level at this time. This has been calculated as the cost if all staff had to be made redundant, basic salary and running costs for 1 year.

designability

Bath Institute of Medical Engineering

	£
Balance on reserve: 31 March 2013	500,000
Transfer to Unrestricted funds	0
Balance on reserve: 31 March 2014	500,000

14 RESTRICTED FUNDS

Fund	1 April 2013 £	Expenditure £	Income £	Transfer from/ (to) general £	31 March 2014 £
RESEARCH					
INETS (ERDF)		30402	30402		
NANA Nutrition (ESRC) (Credit 12/13)		-340	340		
Blood Flow Monitor(NHS ISW)		44142	-44142		
Cobalt (TSB)		3170	-3170		
HACS Collar (NIHR i4i)		13577	-13577		
Posture Mobility Group		1866	-1866		
BREATHE (TSB)		16613	-16613		
TOTAL RESEARCH		109430	-109430		
PROJECT					
Digital Garden	175	183	0	8	0
Wheelchair Baby carrier Loan Scheme	2000	0	-1250		3250
Toddler Carrier	10843	0	0		10843
Slingshot	11929	0	0		11929
TV Remote	9548	99	0		9449
Starfish WizzyBug loan scheme	3250	3250	0		0
National WizzyBug loan scheme	76211	110500	-176766		142477
Cooker monitor	0	11222	-1250	9971	0
Compliant Seat extension	18212	7033	-20000		31179
Piezo Shoe sensor	3555	2992	0	-563	0
Equip	4484	7484	-6000		3000
In Touch	13698	12294	-5000		6403
Refurbishment	25000	54495	-75000	-45505	0
Ward Orientation Clock	0	1157	-1000	157	0
BREATHE	0	8500	-8500		0
Day Clock Plus	0	149	-1500		1351
Internet of Things	0	0	-3000		3000
TOTAL PROJECT	178905	219360	-298266	-35931	221881

15 **SUPPORT COSTS**

The following support costs are identified

	£
Management - Director	35229
Finance management - LR	11627
IT	1832
HR (provided by University of Bath)	0
TOTAL	48688

Donations Received

The following were exceptionally generous in their donations

The Wolfson Foundation
Medlock Charitable Trust
The Charles Wolfson Charitable Trust
Thomas Cook Children's Charity
Next plc
The Calleva Foundation
Hilton in the Community Foundation
The Hadley Trust
Credit Suisse
The H B Allen Charitable Trust
Barbara Ward Foundation
Wessex Youth Trust
Crerar Hotels Trust
Pixel Fund
The James Tudor Foundation
Bath Half Marathon Team Wizzy 2013
Stone King Solicitors
Singer Foundation
Ballinger Charitable Trust
CHK Charities Limited
Estate of Miss Mary Grace Joynson OBE
The Beatrice Laing Trust
The Bernard Lewis Family Charitable Trust
The Dowager Countess Eleanor Peel Trust
The Rank Foundation
The Basil Samuel Charitable Trust
Elizabeth and Prince Zaiger Trust
The Inner Wheel Club of Bath
The Toy Trust
The Act Foundation
Percy Bilton Charity
Duke of Devonshire's Charitable Trust 1949
The Flow Foundation
Ray Harris Charitable Trust
The Clare Milne Trust
The Moshé Foundation
The Sobell Foundation
Bruce Wake Charitable Trust
The Zochonis Charitable Trust
The Sir James Reckitt Charity
P F Edwards Charitable Trust
The Jane Hodge Foundation

Land Securities Group PLC
Frank Litchfield General Charitable Trust
Dr L H A Pilkington Charitable Trust
Constance Travis Charitable Trust
The W G Edwards Charitable Foundation
Green Hall Foundation
PF Charitable Trust
Rainford Trust
Spirax Sarco Group Charitable Trust
The Charles and Elsie Sykes Trust
The Harold Hyam Wingate Foundation
The Casey Trust
Helen Robertson Charitable Trust
Premier Farnell plc
Christopher Rowbotham Charitable Trust
Bath Pageant of Motoring 2013
G M Morrison Charitable Trust
Alchemy Foundation
Douglas Arter Foundation
The Broyst Foundation
Chapman Charitable Trust
The Cotton Trust
De La Rue Charitable Trust
Dementia Research UK
The Earmark Trust
The Ennor Trust Fund
The Lord Faringdon Charitable Trust
Doris Field Charitable Trust
The Happy Charitable Trust
The Dorothy Howard Charitable Trust
The Albert Hunt Trust
Mountbatten Memorial Trust
The Payne-Gallwey Charitable Trust
Mr and Mrs J A Pye's Charitable Settlement
Smiths Industries
The Staples Trust
The R D Turner Charitable Trust
PPD Global
Bath Spa Rotary
The Really Useful Group
Charity SciFi
Benham Charitable Settlement
The Mason Bibby 1981 Trust
NFU Mutual
The Green and Lillian F M Ainsworth and Family Benevolent Fund
Mrs A L K Cadbury
William A Cadbury Charitable Trust
The George Henry Collins Charity
Gilbert and Eileen Edgar Foundation

P and F W Family Charitable Trust
Alma Jean Henry Charitable Trust
The Lady Hind Trust
The Robert Kiln Charitable Trust
The Lynn Foundation
Rolls-Royce Enthusiasts Club
N Smith Charitable Settlement
The Leonard Laity Stoate Charitable Trust
Mr D B Swallow
The Syder Foundation
Hamilton Wallace Trust
Dame Violet Wills Will Trust
Dennis Alan Yardy Charitable Trust
The Richard Cadbury Charitable Trust
Harris and Sheldon Group Ltd
MacCabe Family Charitable Trust
Lionel Wigram Memorial Trust
Rotary Club of Bath
IMI plc
B Boyce
The Fitton Trust
Usborne Publishing Ltd
P and E Anderson
Miss Jeanne Bisgood
The Keith Coombs Trust
The Thomas Curtis Charitable Trust
Dr J D Garnish
Mr P Gregory
Joya Restaurant
The Rind Foundation
Worshipful Company of Engineers
Charitable Trust Fund
Mr R F Calleja

4 Donors wished to remain anonymous

£200 and under 55 Donors

We have produced copies of this Annual Report in-house to reduce costs and be more environmentally friendly. Updates on our work can be found on our website www.designability.org.uk

Wolfson Centre
Department D1
Royal United Hospital
Bath
BA1 3NG

+44 (0) 1225 824103