

Brunel Partners

Academic Centre for

Health Sciences

2017/18 Annual Review



Brunel
University
London

NHS

Central and
North West London
NHS Foundation Trust

NHS

The Hillingdon Hospitals
NHS Foundation Trust

Foreword

Welcome to our annual report setting out the achievements of the Brunel Partners Academic Centre for Health Sciences (BPACHS) since its launch in November 2017.

This year is a year of firsts, from the successful launch of the BPACHS Five Year strategy which sets out our ambition, to the launch of the first annual Therapies Conference. We awarded the first Clinical Fellowship and, in collaboration with Brunel Business School, launched the MBA scholarship scheme.

The first Arts in Health apprenticeship was launched and we collaborated to develop award winning design for health projects. With local health stakeholders we sought funding to research, evaluate or directly improve patient outcomes.

Over the coming years the scope of the work programmes may widen as our ambition grows and matures. We will remain flexible and agile to changes, working in partnership to consider future opportunities.

Finally, our core aim is to support and develop the staff who work across health and care in Hillingdon; providing them with enhanced skills which aid their development and an environment that encourages innovation and investigation through the Office of the Academic Centre. This unique partnership provides a real opportunity to do things differently and together we are ambitious to do so.

Belinda Norris

Belinda Norris,
Director Brunel Academic Centre for Health Sciences

About us

Brunel Partners Academic Centre for Health Sciences offers an environment where team members and colleagues can creatively identify academic solutions to clinical problems. Using the asset of knowledge and experience of Brunel University London's academics, together with our NHS partners, we are collectively developing strategies and solutions to improve outcomes.

During our first year we significantly expanded the team to meet customer demands with recruitment to the role of Associate Director Strategic Health Apprenticeships and have further ambitions to recruit to a new role of Chief Innovation Officer during 2019.

Improving health outcomes through academic solutions

“ We Brunel University London (Brunel), The Hillingdon Hospitals NHS Foundation Trust (THHFT), and Central North West London Foundation Trust (CNWLFT) have a shared ambition to deliver radically transformed physical and mental health and social care provision through training, education and research, working in partnership with and on behalf of the local community in Hillingdon.

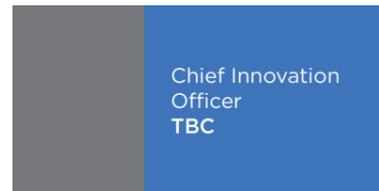
We believe that our greatest assets are our people and that the clinical and academic experience they bring, together with Brunel's reputation for teaching, research excellence, innovation and business engagement, will make this a world class facility.

We want to be sector leading and a destination for all those who want to understand and experience what great integrated health and care feels like. With Heathrow Airport acting as the gateway, our ambition is to put Hillingdon on the world stage as a leading provider of integrated health and social care. ”

Work of the Brunel Partners Academic Centre for Health Sciences in Numbers



OFFICE OF THE ACADEMIC CENTRE STAFF



CENTRE LAUNCH

Nov 2017 - BPACHS launch:

200+ delegates attended

Educating the Workforce

The Centre provides a focus for training and development in the health and social care sector, enabling professionals to upskill/reskill to meet the changing needs of the workplace. We offer integrated training: attracting health and social care trainees from diverse backgrounds and developing them into capable and confident professionals. Our joint learning initiatives will enhance the skills of today's workforce and prepare for the future through pioneering initiatives.



2 MBA scholarships awarded



Celebrating success in partnership

70+ people including NHS staff old and new celebrated the NHS 70th birthday at a coffee morning hosted by BPACHS where a historical display highlighted the local health contribution over the years.

Research and Innovation

Creating an environment that drives research focused on innovation and improving practice. Fostering collaborations between academia and healthcare to improve the quality of care for patients, efficiency of services, opportunities for students and the health and wellbeing of the local community, both young and old.



3 collaborative student design projects

Student design projects developed in partnership to improve health and wellbeing for the patient population



2 Collaborative Clinical Fellowships advertised



77 active Clinical Research Network studies underway by partner organisations



20+ staff from across the partnership are now more likely to engage in research following attendance at *"The Benefits of Conducting Research within Healthcare Organisations"* seminar



£1.5 million Research funding applied for in collaboration

DOES ENGAGING IN RESEARCH IMPROVE HEALTHCARE PERFORMANCE?

How could this be?

- ✓ Treatments follow exact protocol
- ✓ Doctors and nurses more up-to-date
- ✓ Collaborative networks
- ✓ Supportive contexts
- ✓ Rapid uptake of new services

Of 33 studies included in the review:

7 reported improved healthcare outcomes for patients

21 reported improved processes of care

For more information visit: discover.dc.nihr.ac.uk/portal/home

Quality Improvement

Supporting the delivery of clinically effective safe care which results in an improved patient experience and outcomes while developing solutions to the most pressing local and sector-wide problems. Working in partnership with patients and their representatives to help the NHS achieve its ambition to continually improve by implementing new efficient ways of working through reducing variations in care.



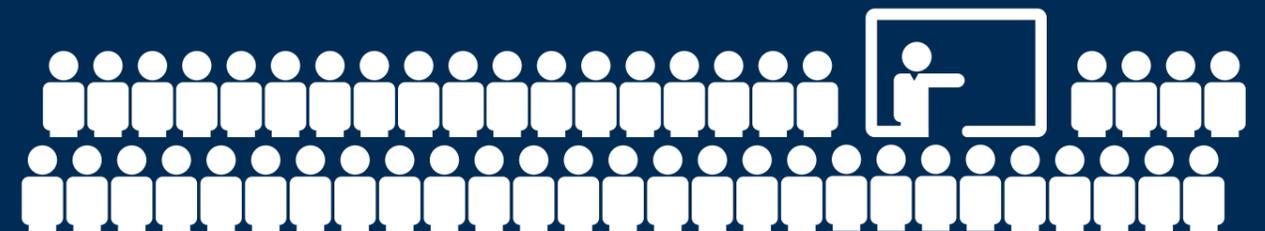
1 bid worth **£50k**
Bids submitted for QI projects



4 Specific Quality Improvement priorities identified
Sepsis, Falls, Dementia and Breastfeeding



1 toolkit in development to reduce risk of infection caused by catheters



40+ staff from across the health and social care sector attend a Quality Improvement training programme focused on providing better continence care management to patients

Digital Health

Digital health is the convergence of the digital and genomic revolutions with health and healthcare.

It is empowering us to better monitor and improve population health, live better, more productive lives, and improve society.

We aim to build upon our applied research to become pioneers in new technologies and drive advancement in areas such as assistive technology and artificial intelligence.



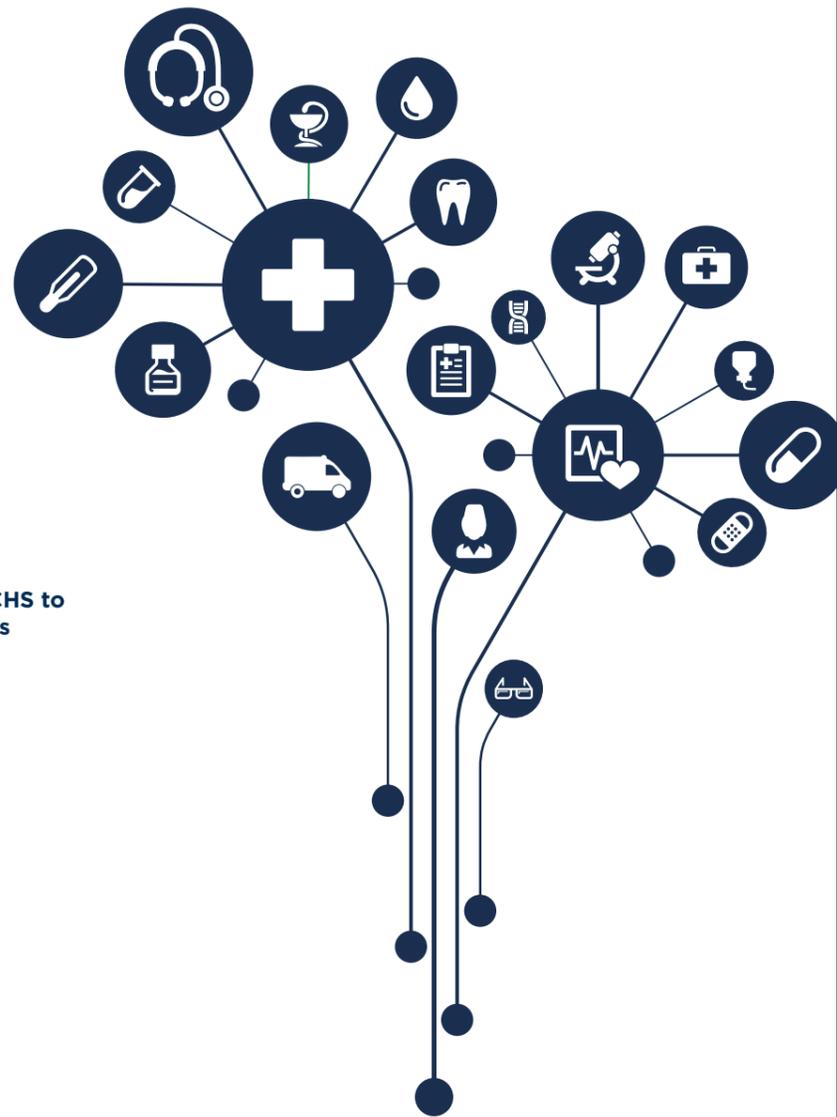
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MNE's and SME's engaged by BPACHS to explore Digital Health opportunities
Executive briefing with Apple attended by clinicians and senior leaders across Hillingdon



3

collaborative Digital Health projects underway



1

Digital Health workshop held in collaboration with local health leaders

Outcome Based Care

Our ambition is to fundamentally improve the care we offer for the Hillingdon population by supporting developments in new models of care. Through access to national and international best practice and fostering a culture of innovation we aim to provide opportunities to develop the workforce, accelerate new ways of working as well as evaluation of outcomes.



£190k+ of Evaluation bids applied for



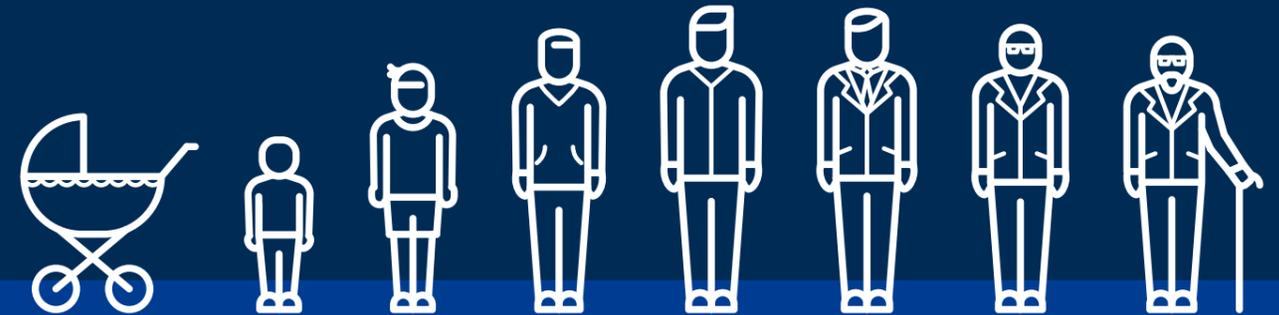
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learning and development programmes developed to facilitate Outcome Based Care



110

staff participating in Outcome Based Care events



3 Population health tools in development

The Year in pictures

JANUARY

Healthy January

We developed a partnership with The Hillingdon Hospital Occupational Health Unit to facilitate shared health and wellbeing opportunities. The first offered NHS staff discounted rates at our sports facilities.



FEBRUARY

Educating our Workforce

BPACHS facilitated two successful events in February as part of the "Educating our Workforce" workstream.

The first was a workshop in collaboration with the HHCP to discuss the strategic requirements of the future NHS workforce in Hillingdon. Facilitated by Prof Jane Hendy, the meeting was attended by 25 stakeholders from across the local health and social care sector.

The second was a HHCP staff development event, attended by over 80 health and social care staff from across the borough. Key partners presented highlights and recent successes in joining up care services in Hillingdon since the HHCP launch in April 2017.



MARCH

The first intake of Healthcare Assistant Practitioner (Arts In Health) Apprentices were interviewed at CNWL to commence study within Brunel's College of Business, Arts and Social Sciences (CBASS).

National Apprenticeship Week

Brunel's College of Business, Arts and Social Sciences (CBASS) will be launching an Arts in Health apprenticeship in partnership with CNWL. The first group of students were interviewed this month.

We are also recruiting for an Apprenticeship Manager who will lead health related apprenticeships across the university and the partnership.

MAY

Meeting with Healthcare Technology leaders at Apple HQ

Our Director, Belinda Norris along with THH Consultant Interventional Radiologist Dr Rakesh Patel, attended an executive briefing at the Apple HQ in London to discuss innovation in healthcare and discover how technology is enabling healthcare providers to work more effectively across the globe.



Arts in Health Foundation Degree Apprenticeship

Brunel's College of Business, Arts and Social Sciences (CBASS) hosted a celebratory breakfast meeting in recognition of the first Arts in Health Foundation Degree Apprenticeship developed in collaboration with CNWL. More than 50 attendees from across Brunel, the NHS and further education came together to recognise the role apprenticeships will play in shaping the future NHS workforce.

JULY

First Annual Therapies Conference

We hosted the first Annual Therapies Conference on 12 July 2018. More than 200 people from across the partnership attended to celebrate therapies, learn about new developments across the sector and network with colleagues. The event was a great success with attendees particularly enjoying the short talks



which gave some insight into different therapy specialisms in the local area. We are looking to make this an annual event and preparation for next year is already underway.



HERG/BPACHS Seminar collaboration

BPACHS, in collaboration with the Health Economics Research Group (HERG) hosted a seminar on the 8 August to discuss the benefits of conducting research within healthcare organisations. Presented by Professor Stephen Hanney and Professor Antonio Garcia Romero; colleagues from The Hillingdon Hospitals NHS Foundation Trust, the Central North West London NHS Foundation Trust and local universities joined researchers from Brunel and former senior managers from research funding bodies to discuss the latest research on this key topic. Attendees left with a clearer understanding of why it is important for health organisations to be research active and overwhelmingly agreed that the seminar has made them more likely to participate in research in the future.

Continence Study Day

We hosted a successful Continence Care Study Day on 18 July 2018 to improve awareness and demonstrate the importance of proper continence care. The event was attended by over 40 people from many specialisms including GPs, nurses, higher education and care home providers. Attendees found the event useful and enjoyed having a chance to discuss issues in more detail at the workshops that were held at the end of the day.

SEPTEMBER

BPACHS Apple Briefing

Health leaders from across Hillingdon attended a focused executive briefing with Apple on 13 September 2018 to hear about Apple's contribution to innovative patient experience, workflows and clinical mobility within a global healthcare market. Apple Industry Healthcare Lead EMEA Steve Hill presented inspiring examples of how digital technology is already being used to positively improve patient outcomes globally.

OCTOBER

Following a successful collaboration with Brunel Business School and BPACHS, two MBA scholarships were offered to staff from partner organisations.



NOVEMBER

BPACHS 1 year anniversary!

DECEMBER

First Digital Health workshop held

Local health leaders came together to discuss the ambition and develop clear goals for the Digital Health workstream. A second workshop is planned for early 2019 to develop the strategy in more detail.



Looking ahead



Health Apprenticeship strategy under development



Nursing programmes in development
with future Conference planned



CPD Medical seminar series planned for 2019



2nd Annual Therapies Conference on 14 October 2019



Medical school under development with
first intake expected in 2021



Increasing collaboration with Brunel Business School



Supporting initiatives that improve quality in healthcare



Breastfeeding conference planned for 8 April 2019



Developing a Digital Health strategy



Helping partners to become more research
active through funding Clinical Fellowships



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