

**Research.
Evidence.
Action.**

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Copies of this report can be
obtained from:

Health Research Board
Grattan House
67-72 Lower Mount Street
Dublin 2
D02 H638
Ireland

t 353 1 234 5000

f 353 1 661 2335

e hrb@hrb.ie

w www.hrb.ie

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The Bigger Picture

Outcomes and Impact in 2015

HR^B**1827**

patients participating in trials at the 3 HRB Clinical Research Facilities (CRFs)

**5**

major
Evidence Reviews
published to inform
health policy

100,000

Over 100,000
complex data
records were
collected, verified
and processed
through the five HRB
information systems

4

HRB
**Research
Leaders**
appointed



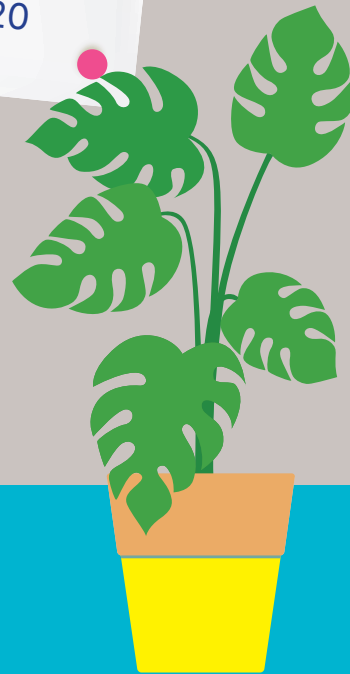
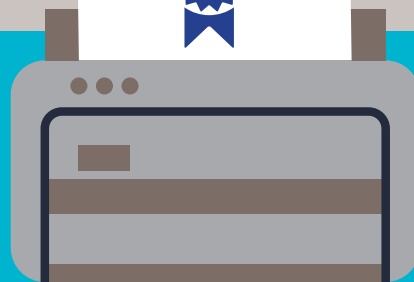
€41.5m
awarded

€14m+

secured from
Horizon 2020

New
HRB Clinical
Research
Facility,
Galway
opened

125
New Awards



2329

cancer patients
recruited on clinical
trials via ICORG
(the All Ireland
Cooperative Oncology
Research Group)



135

Clinical trials
underway at the
3 HRB CRFs



300

Approximately 300
research jobs
supported

4

**new clinical
trial networks**
set up



Chairman and Chief Executive Overview



Dr Declan Bedford
Chairman



Dr Graham Love
Chief Executive

Health research saves lives. International evidence shows that research-active healthcare systems have better outcomes for patients. The Health Research Board (HRB) has taken a deliberate approach in recent years to embed research at the heart of the health system, develop a strong evidence base for health policy, and translate research and evidence into better outcomes for people's health, patient care and health service delivery.

This report outlines the scope, impact and value of our achievements in Irish health research during 2015.

Delivering on our strategy 2010–2015

2015 brings us to the end of our current strategy. Over the past six years the HRB has:

- invested more than €227 million in a wide range of research ideas that will result in better health and better care;
- increased support for population health and health services research by 48% compared with the period 2005–2009;
- consolidated health information systems in order to better support service planning;

- transformed the infrastructure for clinical research in Ireland – opened three new clinical research facilities, created four new clinical trial networks, established a trial methodology research network and a hub to coordinate clinical trials;
- established an evidence centre known for producing quality evidence to inform health policy.

During 2015 alone the HRB has:

- invested €41.5 million in 125 new research awards;
- supported more than 300 research jobs;
- started work in clinical trial networks in stroke, critical care, primary care and mother and baby care;
- opened the HRB Clinical Research Facility in Galway;
- supported researchers in securing more than €14 million from Horizon 2020;
- generated five major evidence reviews to inform health policy in areas such as suicide prevention, water fluoridation and the food pyramid.

€227m

More than €227 million invested in a wide range of research ideas that will result in better health and better care.

Landmark achievements in 2015 included:

Putting critical pieces of our clinical research infrastructure in place

In 2015, four key things happened which were crucial to the development of the HRB clinical research infrastructure. They were:

1. official opening of the HRB Clinical Research Facility in Galway;
2. launch of the HRB Trial Methodology Research Network;
3. formation of the national network HRB Clinical Research Coordination Ireland (HRB-CRCI);
4. introduction of four new clinical trial networks.

We now see the 'jigsaw' coming together, which will lead to a seismic shift in Ireland's ability to attract and participate in international clinical trials. This infrastructure will create a safe environment for patients to participate in research, will enable health professionals to test innovative therapies, technologies and products, and will increase the pace at which scientific discoveries and innovations are turned into better outcomes for patients.

Ultimately, our goal is to create in Ireland an environment where any patient who presents for care, and who is suitable to participate in a trial, can be offered the chance to participate in one, thus giving them access to the latest treatments available in a safe setting.

Major influences on policy: Public Health (Alcohol) Bill, drug injecting rooms, fluoride report

The introduction of the Public Health (Alcohol) Bill and the cabinet approval for additional Heads in the Misuse of Drugs (Amendment) Bill to allow supervised drug injecting facilities are two examples of major policy developments underpinned by HRB data and evidence. In addition, the HRB continued to produce concrete evidence to inform policy and practice on a variety of other important issues ranging from the food pyramid and community water fluoridation to suicide prevention.

HRB Grant Holders conference

During 2015 we brought together our grant holders for the first time, in order to build a community of support in health research, engage with people about the development of our new strategy, showcase the range of expertise we support, and listen to people's ideas in relation to funding. A great success, the event clearly demonstrated the potential for collaboration and linkages in relation to health research.

A new HRB strategy 2016–2020: Research. Evidence. Action.

A major achievement in 2015 was the development of the next HRB strategy. Building on our mission to improve people's health and enhance healthcare delivery, we will continue to focus on areas and activities with the greatest potential to bring benefits to patients and to the Irish population. Our €250 million investment over the course of the strategy will drive greater innovation in clinical practice, health service design and delivery.

Health research provides the basis for innovation in healthcare. In this strategy, we commit to supporting the best people, creating the right environment, and encouraging innovative research ideas to generate evidence and support actions that will improve people's health and healthcare delivery.

A significant effort went into developing this new strategy in tandem with delivering ongoing work programmes. We would like to thank staff, our Board and all our external stakeholders for their valuable feedback, contributions and commitment to making this a strategy that will deliver real results.

We look forward to working with our partners over the next five years to realise this strategy and to help ensure that research is recognised as being essential to improve people's health and healthcare delivery.

€250m

Our €250 million investment over the course of the strategy will drive greater innovation in clinical practice, health service design and delivery.



Dr Graham Love
Chief Executive



Dr Declan Bedford
Chairman



Snapshots of Outputs and Impact

Improving health and care

During 2015, the HRB committed more than €41 million to Irish health research projects and research-related activities. This investment supported 125 new research awards. In partnership with The Atlantic Philanthropies and the Department of Health, we launched the research arm of The Irish National Dementia Strategy. We published five major evidence reviews, along with detailed statistics to inform drug and alcohol policy, assist with service planning for disability services, and monitor admissions to psychiatric in-patient services.

The following were among the highlights.

€12 million allocated to 37 new projects approved as part of our Health Research Award Scheme to tackle areas such as mental health, pregnancy care, antibiotic use and health service planning.

€9 million in renewed funding for ICORG, the All Ireland Clinical Oncology Research Group. This will support the conduct of cancer clinical trials over the next three years.

€3 million research funding to enhance primary care delivery. Safer use of medicines, improved diagnosis, and more effective delivery of primary care will result from an additional €3 million investment for the HRB Centre for Primary Care Research (CPCR).

€14.8 million European Union funding from the Horizon 2020 health budget. This represented 2.6% of the total available health budget, and it funded 13 health-related Irish projects. As in previous years, Irish health researchers had success rates above the European average and they exceeded the national targets set as part of an overall goal to draw down €1.25 billion in funding over the seven years of the programme.



Project on alcohol consumption wins BT Young Scientist competition Martin Morgan, HRB, presents the HRB Special Award to Eimear Murphy and Ian O'Sullivan from Coláiste Treasa, Kanturk, Co Cork. Their project on examining the impact of parental alcohol consumption on their children also won the overall BT Young Scientist competition.

HRB Grant Holders Conference Adventurer, motivational speaker and advocate for paralysis research Mark Pollock addressing delegates at the inaugural HRB Grant Holders Conference in February 2015.

€11 million for the HRB Clinical Research Facility (HRB-CRF) at the Saolta Hospital Group, Galway

The third HRB Clinical Research Facility (HRB-CRF) was opened in Galway during 2015. The HRB-CRF provides the infrastructure, physical space, facilities, expertise and culture to support patient-focused research studies and clinical studies. It will enable clinicians, the healthcare industry and other key partners to test innovative therapies, technologies and products, and increase the speed at which scientific discoveries and innovations can be safely translated into better health, improved patient care and advances in health service delivery.



Pictured at the launch were An Taoiseach Enda Kenny, Dr Graham Love, HRB Chief Executive, Dr Declan Bedford, HRB Chairman.

HRB publishes expert review of HRB strategy

An international panel review of HRB performance over the previous strategy highlighted much success in spite of difficult resource restrictions, and provided expert advice to help shape the next HRB strategy. Pictured from left are Dr Graham Love, HRB Chief Executive; Professor Nicholas Canny, Professor Emeritus of History at NUI, Galway and Panel Chair; Dr Declan Bedford, HRB Chairman.



€2.3 million for the HRB Clinical Research Coordination Ireland (HRB-CRCI) network, which opened for business during 2015. This national centre is a one-stop-shop for anyone interested in conducting a clinical trial in Ireland and it links the three HRB-funded clinical research facilities (CRFs) with other CRFs in Ireland.

€1.9 million to accelerate the appliance of science. The HRB announced 47 Knowledge Exchange and Dissemination Scheme awards. These awards have the explicit goal of speeding up the transfer of HRB-funded research findings into improved healthcare practices and health policies.

SFI-HRB-Wellcome Trust Biomedical Research Partnership roadshows in Galway and Dublin The biomedical research partnership roadshows were attended by 250 people, all eager to hear about the funding opportunities they could avail of through this scheme. A team from the Wellcome Trust outlined the funding schemes available to Irish researchers, and successful Irish applicants to the scheme shared their experiences in applying for funding and their subsequent research progress.

MRSA discovery could reduce device-related infections in hospitals. HRB-funded researchers have found that anti-clotting agents can break up the biofilms that form inside medical devices and that shield bacteria, like MRSA, from attack by our immune systems. See more at: <http://tinyurl.com/nqk8f6v> (Professor James O’Gara, NUI Galway.)

Key piece of MRSA vaccine puzzle found. A HRB-funded project pinpointed the ‘helper’ cells that trigger other parts of the immune system to eradicate MRSA infections. This is a key piece in the global search for a vaccine that could target MRSA. See more at: <http://tinyurl.com/zktjtqm> (Dr Rachel McLoughlin, Trinity College Dublin (TCD))

€1.9m

€1.9 million to
accelerate the
appliance of science.



**€1.5 funding from the
SFI-HRB-Wellcome Trust
Biomedical Research
Partnership**

Professor Brian McStay (pictured) from NUI Galway is studying uncharacterised regions of the human genome. His research could advance our understanding of a wide range of human diseases, including many cancers.



'I owe my life to the other Irish patients who participated on this trial'.

Following a 10-year, €100 million investment to develop Ireland's clinical research capacity, the HRB hosted an event to highlight how the infrastructure that is now in place, and the trials that are under way, are directly impacting people's health and patient care. Three patients who either participated in a HRB-funded clinical trial, or benefited from the results of a HRB-funded trial, had the opportunity to tell their stories first hand to the Minister for Health, Dr Leo Varadkar, TD.

One of these patients, Paul Lambe, was driving down the M1 when he started experiencing the first stages of stroke. He was taken to the Mater Hospital in Dublin by ambulance. There, he became one of the first Irish patients to be treated with a new clot-busting drug which had just been verified in a successful clinical trial. From there, he was rapidly transferred to Beaumont Hospital where he had a procedure called a thrombectomy to remove the clot from his brain. As he described it: 'I owe my life to the other Irish patients who participated in this trial. I wouldn't be here today if it wasn't for them.'



Grainne Foley (patient); Paul Lambe (patient); Dr Leo Varadkar, TD, Minister for Health; Dr Graham Love, HRB Chief Executive; Diane Hanly (patient)



Advancing clinical trials in Ireland

Dr Graham Love, HRB Chief Executive; Professor Mike Clarke, Queen's University Belfast; Dr Sandra Galvin and Professor Declan Devane, HRB-Trial Methodology Research Network (TMRN); Professor Martin O'Donnell, Director, HRB-CRF, Galway pictured at the inaugural HRB-TMRN symposium which brought together stakeholders interested in all aspects of developing and conducting a clinical trial.

Third HRB clinical research facility opened

The third HRB-CRF was opened by An Taoiseach Enda Kenny, TD in September. This is part of an overall €100 million investment by the HRB to develop Ireland's capacity to conduct clinical trials and make research a part of everyday care in the health service.



Help for GPs to manage patients with multiple chronic illnesses. Best practice clinical guidelines tend to focus on one condition. This research, published in the *British Journal of Medicine*, examined how to best manage patients with several chronic conditions. The research highlighted the importance of continuity of care with one named GP, regular reviews of prescriptions, and prioritising aspects of care that mattered most to patients themselves. (Dr Emma Wallace, HRB Centre for Primary Care Research, Royal College of Surgeons in Ireland (RCSI))

How to reduce potentially inappropriate prescribing in older patients. This was the first completed randomised controlled trial (RCT) to look at improving appropriate prescribing in older people in a primary care setting in Ireland. The findings substantiated earlier work which estimated that approximately €22 million was spent on potentially inappropriate proton pump inhibitors during 2007 alone. If the protocol were applied to other types of drugs, it could substantially reduce the overall risk of adverse drug effects in older people. (Dr Barbara Clyne, HRB Centre for Primary Care Research, RCSI)

Adverse childhood experiences (ACEs) and the link to chronic diseases in later life. People with multimorbidity, i.e. two or more chronic diseases at the same time, were more likely to report having had adverse experiences in childhood than people without multimorbidity. The study is the first to show that ACEs are a specific concern in multimorbid patients. The research involved 2,047 adults aged 50 to 69 years. (Dr Carol Sinnott, HRB Research Fellow, University College Cork (UCC))

Research into best models of palliative care and epilepsy care. The two projects are funded under a collaboration involving the HRB, the Health Service Executive (HSE) and the Royal College of Physicians of Ireland (RCPI). They will investigate how to best organise and deliver healthcare services in palliative care and epilepsy, and provide evidence that will support the development of the best models of care in their respective areas. The principal investigators are Prof Charles Normand, TCD (palliative care) and Dr Mary Fitzsimons, Beaumont Hospital, (epilepsy).

‘These projects have the potential to make an immediate impact for the better on our national health services.’ (Dr Philip Crowley, National Director of Quality Improvement Division, HSE)

Growing Ireland's EU funding success – Horizon 2020

The HRB organised a workshop to find out from the European Commission and successful Irish applicants what exactly makes a strong application when applying to EU funding programmes.



HRB RED ALERT series of public talks at the Science Gallery

The HRB, in partnership with the Science Gallery, hosted three public talks about contemporary and taboo health issues. Topics included what the future holds for safe sex and our bodies, taboos around pregnancy and childbirth, and mental health and stigma.



Building a vibrant health research community with a powerful voice

The HRB held its first Grant Holders conference in February 2015. The meeting brought together the principal investigators on all HRB active awards and proved a great opportunity to engage with this community on the development of the new HRB strategy. Jim Breslin, Secretary General at the Department of Health, addressed the meeting, along with a number of HRB alumni who outlined the impact their research has had on improving care.

Dr Alain Beaudet, MD, PhD, President of the Canadian Institutes of Health Research (CIHR) gave the keynote address and Mark Pollock, adventurer and author, gave an inspirational talk about his journey and his commitment to find a cure for paralysis.



Conference delegates at round table discussions.



Putting patients at the heart of clinical research and care

The HRB has funded the buildings, the people, the networks, and the overarching coordination capacity, so that clinical trials at local level can contribute to both national and international projects.

Patient-Focused Research for Better Health & Care

HRB Creating A Strong Clinical Research Infrastructure



MAMMI study to shed light on mothers' invisible health problems. The Maternal health And Maternal Morbidity in Ireland (MAMMI) study is following more than 2,600 women through their pregnancy and for one year after the birth of their first baby. This represents almost 10% of all first-time mothers giving birth in Ireland in a given year. It will investigate a range of issues such as urinary incontinence, stress, depression, and domestic violence, as well as diet and activity. Preliminary findings around urinary incontinence indicate that this common and treatable problem has been under-reported and under-treated. *(Dr Deirdre Daly, School of Nursing and Midwifery, TCD)*

Youth mental health – new evidence highlights need for early intervention. Economic inactivity is linked to youth mental health disorders. Not being in education, employment or training is associated with a sevenfold increased risk of current suicidal ideation, an almost threefold increased risk of any mental health disorder, a twofold increased risk of anxiety disorder, and threefold increased odds of suicide attempts over their lifetime compared with economically active peers. *(Professor Mary Cannon, RCSI and Beaumont Hospital)*

We're taking more medications than 18 years ago, but taking them more safely. That is according to a new study which shows a 250% increase in polypharmacy, or the use of five or more medications by a single patient, across all age groups. The study also investigated potentially inappropriate prescribing (PIP), namely use of a medication in a way that its risks outweighs its benefits, in those aged over 65. It was found that despite the surge in polypharmacy, which can lead to inappropriate prescribing, there was actually a 60% decrease in the risk of PIP in the older Irish population, suggesting that clinicians are now prescribing more appropriately. *(Frank Moriarty, PhD Scholar in Health Services Research, HRB Centre for Primary Care Research, RCSI)*

2,600

women are being followed through their pregnancy and for one year after the birth of their first baby as part of the MAMMI study.



Olympian in our midst
Congratulations to Deirdre Mongan from the HRB on winning a bronze medal in the shot-put at the International Paralympic Committee (IPC) Paralympic Athletics World Championships in Doha.

Pregnancy research wins international award
HRB-funded research on late pregnancy complications by Professor Louise Kenny, UCC and the Cork University Maternity Hospital, wins top paper 2014 in the Clinical Science category from the American Heart Association.

Aspiring to improve stroke outcomes. A HRB-funded study shows that important targets for preventive stroke therapy were not being met. These included 68% of patients with a body mass index (BMI) greater than 25 (in other words overweight or obese); 16% of patients who were still smoking tobacco; 63% of patients with uncontrolled high blood pressure; 23% with high cholesterol levels; and 28% of diabetic patients with poor control of their condition. The study highlights the need to improve the management of preventive interventions for patients after stroke, in order to ensure that patients lower their risk of having another stroke. *(Professor David Williams, RCSI and Beaumont)*

Over-the-counter cough medicines have limited effectiveness. This is according to a new Cochrane review which looked at data from 29 trials involving 4,835 adults and children with acute coughs. The trials were examined to determine the effectiveness of various types of over-the-counter (OTC) medications used at different dosages, when compared with a placebo. *(Professor Susan Smith, HRB Centre for Primary Care Research, RCSI)*

Healthy diet may be linked to lower risk of memory and thinking decline. People who have a healthy diet with lots of fruits and vegetables, nuts, fish, moderate alcohol use – and not much red meat – may be less likely to experience declines in their memory and thinking skills. This study was published in *Neurology®*, the medical journal of the American Academy of Neurology. *(Dr Andrew Smyth, HRB Clinical Research Facility Galway and McMaster University, Hamilton, Ontario, Canada)*

4,835

adults and children
with acute coughs
were tested as part of
the Cochrane review's
study of over-the-
counter medications.



HRB Knowledge Exchange and Dissemination Project wins Irish Healthcare Award 2015
The Good Nutrition for Cancer Recovery cookbook, funded by a HRB knowledge exchange grant, won 'Best Patient Lifestyle Education Project' at the Irish Healthcare 2015 Awards. Pictured are Éadaoin Ni Bhuachalla, UCC; Jane Healy and Ann O'Connor, both from Cork Institute of Technology, and Eoghan O'Sullivan, Breakthrough Research. Picture: Jim Coughlan. INPHO photography



Tallness linked to increased risk of premature death on dialysis. Analysis of over one million dialysis patients shows that tallness is associated with higher premature mortality risk and shorter lifespans. Dialysis patients have extremely high premature death rates that are between 10- and 100-fold higher than in the general population, and height exerts an important quantifiable effect on dialysis patient survival. In contrast with studies in the general population, taller patients experienced higher death rates than shorter patients, and this risk was further amplified for tall patients who received shorter dialysis treatments. *(Professor Austin Stack, University Hospital Limerick (UHL), Director of UL's Health Research Institute)*

Brain secrets revealed using imaging technologies. A major international research effort, part-funded by the HRB, has made significant discoveries about genetic influences on the size of structures within the brain. It involved almost 300 scientists from 193 institutes. The insights gained may help scientists to better understand disorders such as schizophrenia, Alzheimer's disease and epilepsy. *(Professor Gary Donohoe, NUI Galway, led the Irish contribution to the research.)*

Harmful alcohol use linked to cancers, injury and death. A 12-country analysis, across five continents, involving 114,970 adults, has found that harmful alcohol use is linked with increased risk of alcohol-related cancers, injury and death in many countries. The data support the need to identify and target modifiable determinants of harmful alcohol use. *(Dr Andrew Smyth, NUI Galway)*

300

scientists from 193 institutes are involved in international research, part-funded by the HRB, into genetic influences on the brain.



Drug deaths figures

Launching the 2015 HRB report on drug-related deaths were Ms Ena Lynn and Dr Suzi Lyons, HRB and Mr Aodhán O Ríordáin, TD, Minister of State with responsibility for New Communities, Culture, Equality and the National Drug Strategy. The HRB figures played an important role in contributing to additional Heads of a new Misuse of Drugs (Amendment) Bill, which will unblock the legislative obstacles to medically supervised drug injecting facilities.

Evidence to inform national health policy

The HRB published five evidence reviews to inform decision-making in relation to prominent national health issues. The full list is detailed in Appendix A. These included:

Review of the fat and carbohydrate shelves of the food pyramid. The review analysed up-to-date, international evidence to determine the most appropriate composition of the food pyramid, focusing in particular on simple and complex carbohydrates, and fats and oils.

Review of community water fluoridation. This review found no definitive evidence that community water fluoridation at levels between 0.4 and 1.5 parts per million (ppm) has negative health effects.

Evidence review on interventions that are effective in reducing suicidal behaviour. Data from this review informed the National Office for Suicide Prevention's 2015 strategy 'Connecting for Life'.

HRB physical and sensory disability statistics show that physiotherapy, occupational therapy and technical aids are what people with physical and sensory disability need most in order to enable them to lead fuller and more independent lives.

Disability service data

Pictured at the launch of HRB figures on service provision and service needs for people with intellectual disabilities were Sarah Craig, HRB; Ms Kathleen Lynch, TD, Minister of State at the Department of Health with special responsibility Primary Care, Social Care (Disabilities & Older People) and Mental Health; Carmel Curran, winner of a national competition to design the report cover, and Anne O'Donohoe, HRB.



Drug death figures inform new treatment policies. Figures from the HRB Drug-Related Deaths Index provided strong evidence to support additional Heads of a new Misuse of Drugs (Amendment) Bill, put forward by The Minister of State with responsibility for the National Drug Strategy, Mr Aodhán O Ríordáin, TD, to trial medically supervised drug injecting centres in Dublin. These centres are aimed at reducing drug deaths from overdose and the risks associated with sharing dirty needles. HRB figures showed that a total of 679 people died from drug use in 2013. In the ten-year period 2004–2013, there were 6,002 deaths among people who use drugs.

678
people died
from drug use
in 2013.

Decrease in number of cases treated for problem alcohol use, according to HRB figures. The data show a drop of 12.3% since 2011 in the number of cases treated for problem alcohol use. Notwithstanding the drop in 2013, a total of 7,549 cases were treated for problem alcohol use.

Intellectual disability services – HRB publishes figures based on data from 27,887 people. For the first time, the Annual Report of the National Intellectual Disability Database Committee 2014 presented information by the HSE's new Community Health Organisations (CHO) area in order to reflect its new structures. The report highlights that many people with intellectual disability are outliving the care-giving capacities of their family carers, and this changing age profile has significant implications for service planning.

In-patient psychiatric admissions in Ireland 2014. HRB figures show that there were 17,797 admissions to Irish psychiatric units and hospitals during 2014, a reduction of 660 from 18,457 in 2013. The decrease is consistent with policy to move treatment services from institutions into community settings.

Research shows that people are paying more for healthcare. HRB-funded research indicates that Irish people had to spend €130 more in 2014 than in 2007 to get the same healthcare. The analysis is part of a research project titled 'Mapping the Pathways to Universal Healthcare in Ireland'. The research also showed that it is more difficult for people to access healthcare, as evidenced by longer waiting times for essential hospital treatment and higher charges for prescription drugs. *(Dr Steve Thomas, Centre for Health Policy and Management, School of Medicine, TCD)*

HRB National Drugs Library (formerly the National Documentation Centre on Drug Use) had over 133,000 hits to our website www.drugsandalcohol.ie, managed an online repository of more than 12,000 items and provided a publicly accessible information service on all aspects of drugs, alcohol and tobacco use.

Corporate Governance

HRB Board and Board Committees

The HRB Board comprises 10 members appointed by the Minister for Health, as set out in Article 5 of the Health Research Board (Establishment) Order 1986 (S.I. No 279 of 1986), as amended. The quorum for meetings of the Board is five.

The members of the Board during 2015 were:

- Dr Declan Bedford (Chair)
- Professor Conor Burke (retired on 11 June 2015)
- Dr Barry Cullen
- Dr Colin Doherty (retired on 11 June 2015)
- Professor Michael Joe Duffy
- Professor Jane Grimson (appointed on 5 November 2015)
- Professor Bernadette Hannigan (appointed 5 November 2015)
- Mr John McCormack
- Professor William Molloy
- Professor Charles Normand (appointed 5 November 2015)
- Dr Tom O'Callaghan
- Professor Prem Puri (retired on 11 June 2015)
- Dr Marion Rowland

Board members at 31 December 2015



Dr Declan Bedford



Dr Barry Cullen



Professor
Michael Joe Duffy



Professor
Jane Grimson



Professor
Bernadette Hannigan



Mr John McCormack



Professor William
Molloy



Professor Charles
Normand



Dr Tom O'Callaghan



Dr Marion Rowland

HRB Board and Board Committees



The Board has established two committees to assist it in carrying out its functions:

Audit Committee

Assists and supports the Board to monitor financial reporting, review the effectiveness of internal controls, control the internal audit function, and communicate with external auditors. The Committee met four times during 2015.

Members:

- Mr Tom Lynch (External)
- Dr Declan Bedford
- Professor Conor Burke (retired on 11 June 2015)
- Professor Michael Joe Duffy
- Dr Tom O'Callaghan
- Dr Marion Rowland

Management Development and Remuneration Committee

The Committee oversees the procedure for the selection of the Chief Executive, reviews the remuneration of the Chief Executive within the guidelines set from time to time by the Government, and acts as a consultative group to the Chief Executive to review the performance and development of the senior management team. The Committee met twice during 2015.

Members:

- Dr Declan Bedford (Chair)
- Dr Colin Doherty (retired on 11 June 2015)
- Mr John McCormack
- Professor Prem Puri (retired on 11 June 2015)

Attendance at meetings during 2015

(Note: figures in brackets indicate the number of meetings that took place during the Board/Committee member's period in office)

	Board meetings	Audit Committee meetings	Management Development and Remuneration Committee meetings
Dr D Bedford (Chair)	8 (8)	4 (4)	2(2)
Professor C Burke (to 11 June 2015)	1 (4)	0 (2)	–
Dr B Cullen	7 (8)	–	–
Dr C Doherty (to 11 June 2015)	3 (4)	–	2(2)
Professor MJ Duffy	7 (8)	3 (4)	–
Professor J Grimson (from 5 November 2015)	1 (1)	–	–
Professor B Hannigan (from 5 November 2015)	1 (1)	–	–
Mr John McCormack	6 (8)	–	2(2)
Professor W Molloy	7 (8)	–	–
Professor C Normand (from 5 November 2015)	1 (1)	–	–
Dr Tom O'Callaghan	8 (8)	2 (4)	–
Professor P Puri (to 11 June 2015)	3 (4)	–	2(2)
Dr M Rowland	8 (8)	4 (4)	–
External			
Mr Tom Lynch	–	3 (4)	–

Legislation

The Health Research Board is an autonomous statutory agency set up under the Health Research Board (Establishment) Order 1986 (S.I. No. 279 of 1986), as amended (the "Acts"). The functions of the Health Research Board are to:

- promote, assist, commission or conduct health research to improve health and increase the effectiveness of the health services
- maintain, develop or support health information systems for the purposes of research and to provide the evidence for health policy and services
- liaise and co-operate with other research bodies in the State and outside the State in the promotion, commissioning or conduct of relevant research
- liaise with other health information bodies in the State and, where appropriate, outside the State in the development and support of health information systems.

In discharging its functions, the Health Research Board is required to have regard to such general research and objectives as the Minister for Health may, from time to time, determine and convey to the Board.

In discharge of its functions in relation to health research and information systems, the Board shall have regard to excellence and relevance to health and best international practice.

In addition to its own governing legislation, the Health Research Board is also required to comply with a range of other statutory (national and EU) and administrative requirements. In particular, but not limited to, it has put in place procedures to ensure compliance with the following specific requirements:

Code of Practice for the Governance of State Bodies

The Health Research Board fully complies with the Code of Practice for the Governance of State Bodies. It reports to the Department of Health annually, and it has its own Governance Manual in place. The Health Research Board is compliant with the guidelines on risk management included in the Code. Risks are brought to the Audit Committee and to the Board, where appropriate, at regular intervals and are discussed at Executive Team meetings.

Disclosure of interests

In accordance with Article 13 of the Acts, members of the Board, members of committees and award selection/evaluation panels as well as Health Research Board staff are required to disclose pecuniary or other beneficial interests in, or material to, any matter which falls to be considered by the Health Research Board, and to exclude themselves from the decision-making process.

In accordance with the provisions of the Ethics in Public Office Act, 1995 and the Standards in Public Office Act, 2001, all Health Research Board members and staff holding designated positions have provided statements of interest, and the Health Research Board maintains a Register of Board and Committee Members' Interests.

Freedom of Information Act, 2014

The Health Research Board is a prescribed body under the Freedom of Information Act. This Act provides a legal right to individuals to obtain access to information held by public bodies, to the greatest possible extent, consistent with the public interest and the right to privacy. However, the Act provides strong protections for individuals or research teams who supply information to the Health Research Board that is confidential, commercially sensitive or personal. Requests for information under this legislation should be addressed to the Freedom of Information Officer, Health Research Board, Grattan House, 67-72 Lower Mount Street, Dublin 2, D02 H638.

Data Protection Acts, 1988 and 2003

The Health Research Board is committed to a policy of protecting the rights and privacy of individuals in accordance with data protection legislation.

Official Languages Act, 2003

The Health Research Board, in compliance with its obligations under this Act, makes all documents produced available in the Irish language, on request.

Employment Equality Acts, 1998 to 2011

The Health Research Board is committed to a policy of equal opportunities, and it strives to be an employer where individual contributions are encouraged, and differences are valued. To this end, the HRB is committed to ensuring that no staff member, or applicant for employment, receives less favourable treatment than any other on grounds of gender, marital status, family status, sexual orientation, religion, age, disability, race, membership of the Traveller community, or any other grounds that are not relevant to good employment practice.

Re-use of Public Sector Information Regulations, 2005

The Health Research Board complies with the regulations on the Re-use of Public Sector Information (European Communities (Re-use of Public Sector Information) Regulations 2005 (S.I. 279 of 2005)) and encourages the re-use of the information that it produces.

The Safety, Health and Welfare at Work Act, 2005 as amended

The Health Research Board continues to take appropriate measures to protect the safety, health and welfare of all employees and visitors within its offices in order to meet the provisions of this Act, and it has taken steps to communicate both the rights and obligations of employers and employees under the Act.

Disability Act, 2005

The Health Research Board is required to comply with the Disability Act, 2005. The Act places obligations on public sector employers to meet the target of ensuring that at least 3% of its workforce comprises people with disabilities, and that they report on an annual basis in relation to the numbers of people with disabilities in their employment and the measures they are taking to employ people with disabilities.

Financial Emergency Measures in the Public Interest Acts 2009, 2010, 2011 and 2013

The Health Research Board is required to adhere to the measures set out in the Financial Emergency Measures in the Public Interest Acts 2009, 2010, 2011 and 2013. The Health Research Board has implemented all measures required by the aforementioned legislation.

Protected Disclosures Act, 2014

There were no protected disclosures made to the Health Research Board in 2015.

Public procurement

The Health Research Board applies national rules and EU public procurement Directives to the purchase of goods and services. Where practicable, the Health Research Board avails of framework agreements put in place by the National Procurement Service.

Prompt payment of accounts

The Health Research Board comes under the remit of the Prompt Payment of Accounts Act, 1997, SI 383/2000 and the European Communities (Late Payment in Commercial Transactions) Regulations 2012, and it is committed to meeting its obligations under the 15-day Prompt Payment Rule, which came into effect on 2 January 1998. It has processes in place to track all invoices, and weekly payment runs are carried out, in order to ensure prompt payment.



Extract from the Financial Statements

Statement of Income and Expenditure and Retained Revenue Reserves for the year ended 31 December 2015

	2015 €	2014 Re-Styled €
INCOME		
Department of Health Revenue Grant (Vote 38 B.1)	30,654,000	30,654,000
Other Research Funding	1,074,605	1,090,268
Interest Receivable and Other Income	8,349	13,906
Transfer to Capital Reserves of Amount Allocated to Fund Fixed Assets	(1,949)	(13,561)
	31,735,005	31,744,613
EXPENDITURE		
Awards	25,614,519	25,308,296
Health Information Systems	1,218,319	1,171,727
Evidence Generation & Knowledge Brokering	1,125,076	1,187,421
Corporate Expenditure and Programme Management	3,770,884	4,168,094
Deferred Benefit From Rent Free Period	344,927	188,357
	32,073,725	32,023,894
DEFICIT FOR THE YEAR	(338,720)	(279,281)
Revenue reserves at 1 January	(272,525)	6,756
REVENUE RESERVES AT 31 DECEMBER	(611,245)	(272,525)

Statement of Capital Income and Expenditure for the year ended 31 December 2015

	2015 €	2014 Re-Styled €
INCOME		
Department of Health Capital Grant (Vote 38 B.1)	10,421,000	13,880,141
Amortisation of Capital Fund Account	182,737	169,285
	10,603,737	14,049,426
EXPENDITURE		
Awards	10,077,202	12,786,400
Office Fit-out	-	998,996
Grants Database	12,500	12,500
Computer Equipment	77,726	15,621
Office Furniture	-	50,803
Depreciation	181,322	160,051
Loss on Disposal of Fixed Assets	1,415	9,234
National Health Information Systems ICT Project	96,269	15,821
Server and Business Continuity	120,444	-
Firewall	36,859	-
	10,603,737	14,049,426
SURPLUS/(DEFICIT) FOR THE YEAR	-	-

Statement of Financial Position for the Year Ended 31 December 2015

	2015 €	2014 Re-Styled €
FIXED ASSETS		
Property, Plant & Equipment	695,561	780,667
CURRENT ASSETS		
Receivables	365,263	536,071
Investments	641	641
Cash at bank and on hand	1,068,934	(81,182)
	1,434,838	455,530
CURRENT LIABILITIES		
<i>Amounts falling due within one year:</i>		
Payables	1,063,149	539,698
	1,063,149	539,698
NET CURRENT (LIABILITIES)/ASSETS	371,689	(84,168)
LONG TERM LIABILITIES		
<i>Amounts falling due after one year:</i>		
Payables	982,934	188,357
	982,934	188,357
TOTAL NET ASSETS	84,316	508,142
REPRESENTING		
Retained Revenue Reserves	(611,245)	(272,525)
Capital fund	695,561	780,667
	84,316	508,142

Appendix A

List of HRB publications in 2015

HRB reports

Daly A (2015) *National Psychiatric In-Patient Reporting System (NPIRS) National Bulletin 2014*. Dublin: Health Research Board.

Daly A and Walsh D (2015) *Activities of Irish Psychiatric Units and Hospitals 2014. HRB Statistics Series 26*. Dublin: Health Research Board.

Doyle A and Kartalova O'Doherty Y (2015) *Annual Report of the National Physical and Sensory Disability Database Committee 2014*. HRB Statistics Series 27. Dublin: Health Research Board.

Dunne M (2015) *Directory of courses and training programmes on drug misuse in Ireland 2015*. Dublin: Health Research Board.

Health Research Board (2015) *Appraisal by the International Panel – Review of the HRB's strategy, 2010–2014*. Dublin: Health Research Board.

Health Research Board (2015) *Health Research Board Annual Report 2014*. Dublin: Health Research Board.

Health Research Board (2015) *Drug-related deaths and deaths among drug users in Ireland: 2013 figures from the National Drug-Related Deaths Index*. Dublin: Health Research Board.

Health Research Board (2015) *Treated problem alcohol use in Ireland: 2013 figures from the National Drug Treatment Reporting System*. Dublin: Health Research Board.

Hiney M (2015) *Outputs and outcomes of HRB awards completed in 2012 and 2013*. Dublin: Health Research Board.

Irish Focal Point to the EMCDDA (2014) *Drugnet Ireland, Issue 53*, Spring. Dublin: Health Research Board.

Irish Focal Point to the EMCDDA (2014) *Drugnet Ireland, Issue 54*, Summer. Dublin: Health Research Board.

Irish Focal Point to the EMCDDA (2014) *Drugnet Ireland, Issue 55*, Autumn. Dublin: Health Research Board.

Irish Focal Point to the EMCDDA 2015 *National Report (2014 data) to the EMCDDA by the Reitox National Focal Point, Ireland: new developments, trends*. Dublin: Health Research Board.

Kelly C (2015) *Annual Report of the National Intellectual Disability Database Committee 2014*. HRB Statistics Series 28. Dublin: Health Research Board.

List of HRB publications in 2015 (continued)

Evidence reviews

Keane M and Long J (2015) *Mentoring in post-graduate medical education and specialist training*. Dublin: Health Research Board.

Long J, McCarthy A, Cummings J and Hannis G (2015) *Review of the regulation and governance processes of independent hospital entities in England and New Zealand*. Dublin: Health Research Board.

McCarthy A and Long J (2015) *Evidence review of the food contents on carbohydrate and fats shelves of the food pyramid*. Dublin: Health Research Board.

Sutton M, Kiersey R, Farragher L and Long J (2015) *Health Effects of Water Fluoridation*. Dublin: Health Research Board.

Dillon L, Guiney C, Farragher L, McCarthy A and Long J (2015) *Suicide Prevention – An evidence review 2015*. Dublin: Health Research Board.

Peer-reviewed journal articles, authored by HRB staff

Cousins G, Boland F, Courtney B, Barry J, Lyons S and Fahey, T (2015) Risk of mortality on and off methadone substitution treatment in primary care: a national cohort study. *Addiction*, 111(1): 73–82.

Hiney M (2015) Research Integrity: What it Means, Why it is Important and How we might Protect it. Science Europe Briefing Paper, 32p. D/2015/13.324/9 http://www.scienceeurope.org/uploads/PublicDocumentsAndSpeeches/WGs_docs/Briefing_Paper_Research_Integrity_web.pdf

McCarron M, Carroll R, Kelly C, McCallion P (2015) Mortality rates in the general Irish population compared to those with an intellectual disability from 2003 to 2012. *Journal of Applied Research in Intellectual Disabilities*, 28(5): 406–413.

McConkey R and Craig S (2015) Making numbers count: National datasets on intellectual disability. *Tizard Learning Disability Review*, 20(1): 24–28.

Morrissey K, Clarke G, Williamson P, Daly A, and O'Donoghue C (2015) Mental illness in Ireland: Simulating its geographical prevalence and the role of access to services. *Environment and Planning B: Planning and Design*, 42(2): 338–53.

Science Europe Working Group on Research Integrity (2015) Seven Reasons to Care about Research Integrity [Chair: Hiney M]. Briefing Paper, 12p. D/2015/13.324/2. http://www.scienceeurope.org/uploads/PublicDocumentsAndSpeeches/WGs_docs/20150617_Seven%20Reasons_web2_Final.pdf

Truszkowska E, McCarron P, Konovalov P, Galander T, Lyons, S, Keenan, E and Smyth, BP (2015) Case-control study of risks and causes of death amongst opioid dependent patients on methadone maintenance treatment. *Canadian Journal of Addiction*, 6(3): 17–26.

Appendix B

HRB awards made in 2015 – to Host Institutions

(Note: Award tables do not include the HRB Summer student undergraduate awards or HRB internship grants.)

Host Institution	Amount €
Alpha One Foundation	27,000
Dublin City University	370,563
Dublin Institute of Technology	329,393
Health Information and Quality Authority	41,525
Health Service Executive	13,996
Irish Cancer Society	21,758
Irish Clinical Oncology Research Group Ltd	9,055,200
Irish Platform for Patients' Organisations, Science and Industry Ltd	75,600
Mary Immaculate College Limerick	51,788
Molecular Medicine Ireland	2,324,982
National Rehabilitation Hospital	100,344
National Suicide Research Foundation	32,734
National University of Ireland Galway	7,045,232
Our Lady's Hospice	59,646
Royal College of Surgeons in Ireland	4,955,929
St James's Hospital Foundation	125,673
The Alzheimer Society of Ireland	179,730
The Childrens' Medical and Research Foundation	1,098,949
Trinity College Dublin	8,223,025
University College Cork	3,466,779
University College Dublin	3,224,255
University College Dublin & University of Limerick	249,000
University of Limerick	384,907
Total	41,458,008

Appendix C

List Of HRB Awards Made In 2015 - to Principal Investigators

Projects and programmes

Title	Host Institution	Scheme	Lead Title	Lead Researcher Forename	Lead Researcher Surname	Amount
Patient preferences for health	St James's Hospital	Health Research Award	Dr	Roisin	Adams	€125,673
Connected health supporting home stay with dementia (CHESS)	University College Dublin	Applied Research Projects in Dementia	Dr	Catherine	Blake	€329,944
Irish medical career tracking study (The MedTrack Study)	Royal College of Surgeons in Ireland	Health Research Award	Prof	Ruairi	Brugha	€329,466
Blood brain barrier dysfunction in schizophrenia: A molecular genetics-based approach to prognosis	Trinity College Dublin	Health Research Award	Dr	Matthew	Campbell	€328,345
Early life stress and the etiopathogenesis of auditory hallucinations in young people	Royal College of Surgeons in Ireland	Health Research Award	Prof	Mary	Cannon	€329,946
A comprehensive resilience-building psychosocial intervention (CREST) to improve the quality of life of people with dementia and their carers	National University of Ireland, Galway	Applied Research Projects in Dementia	Dr	Dympna	Casey	€329,888
The effects of maternal and foetal stress during pregnancy on adult mental health	Royal College of Surgeons in Ireland	Health Research Award	Dr	Mary	Clarke	€114,700
Malnutrition in the elderly knowledge hub	University College Dublin/ University of Limerick	JPI Healthy Diet for a Healthy Life	Dr Dr	Claire Eibhlis	Corish O'Connor	€249,000
An inflammatory biomarker study of psychosis: a longitudinal study in an at risk population	Royal College of Surgeons in Ireland	Health Research Award	Prof	David	Cotter	€329,048

Title	Host Institution	Scheme	Lead Title	Lead Researcher Forename	Lead Researcher Surname	Amount
Evaluating the role of TLR3 L412F in disease progression in idiopathic pulmonary fibrosis	Trinity College Dublin	Health Research Award	Prof	Seamas	Donnelly	€318,797
EMERGE: A randomised placebo- controlled trial of the effectiveness of Metformin in addition to usual care in the reduction of gestational diabetes mellitus effects	National University of Ireland, Galway	Health Research Award	Prof	Fidelma	Dunne	€799,903
Development of prognostic screening tools to predict patient response to neoadjuvant chemoradiotherapy treatment for oesophageal adenocarcinoma	Trinity College Dublin	Health Research Award	Dr	Margaret	Dunne	€310,939
Blood adenosine levels as a novel diagnostic of seizures in humans	Royal College of Surgeons in Ireland	Health Research Award	Dr	Tobias	Engel	€328,054
Disease gene independent generic suppression-based therapies for retinal disorders	Trinity College Dublin	Health Research Award	Prof	G Jane	Farrar	€327,462
Towards resilience in family caregiving for people with dementia	University College Dublin	Applied Research Projects in Dementia	Prof	Gerard	Fealy	€321,769
PAPRICA: Protein biomarker assays for psoriatic arthritis – clinical evaluation and validation of multiplexed panels for diagnosis and prognosis	University College Dublin	Health Research Award	Prof	Oliver	FitzGerald	€220,657

Title	Host Institution	Scheme	Lead Title	Lead Researcher Forename	Lead Researcher Surname	Amount
Making the patient a member of the healthcare team in chronic disease management: An ethnographic and participant action research analysis of living with epilepsy in Ireland (E-PIC: Epilepsy Partnership in Care)	Royal College of Surgeons in Ireland	Research Collaborative in Quality and Patient Safety	Ms	Mary	Fitzsimons	€279,498
Targeting dysregulated bioenergetics in the inflamed RA joint	Trinity College Dublin	Health Research Award	Dr	Jean	Fletcher	€329,665
Targeting NK cells to improve HCV vaccine immunogenicity	Trinity College Dublin	Health Research Award	Prof	Clair	Gardiner	€329,994
The StrokeCog study: modelling and modifying the consequences of stroke-related cognitive impairment through intervention	Royal College of Surgeons in Ireland	ICE Award	Prof	Anne	Hickey	€572,222
Cold air plasma to enhance hospital hygiene leading to reduced surface bacterial counts and patient acquisition of vancomycin-resistant enterococci and Clostridium difficile infection	Royal College of Surgeons in Ireland	Health Research Award	Prof	Hillary	Humphries	€703,765
Breast cancer risk: The influence of blood selenium status and interactions between selenium supply biomarkers and genetic variations in the selenoprotein gene pathway	Royal College of Surgeons in Ireland	Health Research Award	Dr	David	Hughes	€329,980
Defining host and microbe-derived immune targets for development of improved host-directed therapies and vaccines for TB	Trinity College Dublin	Health Research Award	Prof	Joseph	Keane	€329,980

Title	Host Institution	Scheme	Lead Title	Lead Researcher Forename	Lead Researcher Surname	Amount
Designing, evaluating and implementing a pilot complex intervention in childhood obesity	University College Cork	ICE Award	Prof	Patricia	Kearney	€666,437
Dysfunctional mitochondria provokes inflammation in pre-eclampsia; a novel medical interventional target to improve maternal and foetal diagnosis in pre-eclampsia. Short title: DIVINE	University College Cork	Health Research Award	Prof	Louise	Kenny	€329,803
Parent-adolescent communication and negotiation of self-management responsibilities for adolescents with type 1 diabetes	Dublin City University	Health Research Award	Dr	Veronica	Lambert	€329,962
Profiling receptive and expressive prosodic skills in children with spina bifida and hydrocephalus	University College Cork	Health Research Award	Dr	Alice	Lee	€220,728
Urine-soluble CD163 as a biomarker of crescentic glomerulonephritis	Trinity College Dublin	Health Research Award	Prof	Mark	Little	€329,767
INCA: Interaction Analytics for Automatic Assessment of Communication Quality in Primary Care	Trinity College Dublin	Health Research Award	Dr	Saturnino	Luz	€313,155
Ethnic minority health in Ireland - building the evidence base to address health inequities	University of Limerick	Health Research Award	Prof	Anne	MacFarlane	€329,267
The intellectual disability supplement to the Irish Longitudinal Study on Ageing (TILDA) Waves 3 and 4	Trinity College Dublin	IDS-TILDA-2015	Prof	Mary	McCarron	€599,992
Spectroscopic imaging for prognostic applications in breast and oesophageal cancer treatment (SPEC-PREDICT)	Dublin Institute of Technology	Health Research Award	Prof	Aidan	Meade	€329,393

Title	Host Institution	Scheme	Lead Title	Lead Researcher Forename	Lead Researcher Surname	Amount
NIMBUS group: Neonatal inflammation and multiorgan dysfunction and brain injury research group	Trinity College Dublin	Health Research Award	Prof	Eleanor	Molloy	€329,952
Viral hepatitis C associated neurocognitive dysfunction in Ireland in the DAA era	Trinity College Dublin	Health Research Award	Prof	Suzanne	Norris	€315,385
What are the clinical effectiveness and cost-effectiveness of different models of community specialist palliative care (CSPC) provision in Ireland?	Trinity College Dublin	Research Collaborative in Quality and Patient Safety	Prof	Charles	Normand	€280,000
A moment for hand hygiene in the intensive care unit: How can compliance be improved?	National University of Ireland, Galway	Health Research Award	Dr	Paul	O'Connor	€318,044
Research in depression: endocrinology, epigenetics and neuroimaging: the REDEEM study	Trinity College Dublin	Health Research Award	Prof	Veronica	O'Keane	€317,162
From episodic care to disease prevention and management: Developing analytical skills and interdisciplinary learning from the case of HPV-related cancers	Trinity College Dublin	ICE Award	Prof	John	O'Leary	€748,793
Dementia-friendly Irish hospitals: opportunities, barriers, costs and solutions	Trinity College Dublin	Applied Research Projects in Dementia	Prof	Desmond	O'Neill	€264,748
Medically licensed mesenchymal stem cells for the treatment of systemic sepsis	National University of Ireland, Galway	Health Research Award	Dr	Daniel	O'Toole	€329,599
Prevention of postoperative persistent bowel symptoms in patients with Hirschsprung's disease	The Children's Medical and Research Foundation	Health Research Award	Prof	Prem	Puri	€301,869

Title	Host Institution	Scheme	Lead Title	Lead Researcher Forename	Lead Researcher Surname	Amount
A translational systems biological study to identify molecular predictors for responsiveness to TRAIL-receptor agonists in colorectal cancer	Royal College of Surgeons in Ireland	Health Research Award	Dr	Markus	Rehm	€329,131
Evaluating metabotropic glutamate 5 receptor-selective drugs as a novel therapeutic strategy for Alzheimer's disease	Trinity College Dublin	Health Research Award	Prof	Michael	Rowan	€329,996
Traumatic spinal cord injury in Ireland: service planning for changing epidemiology	National Rehabilitation Hospital	Health Research Award	Dr	Eimear	Smith	€100,344
Preclinical characterisation of fingolimod as a potential therapeutic agent for stroke	University College Cork	Health Research Award	Dr	Christian	Waeber	€329,949
Oral flucloxacillin alone versus flucloxacillin and phenoxymethylpenicillin for the emergency department outpatient treatment of cellulitis: a non-inferiority randomised controlled trial	The Children's Medical and Research Foundation	Health Research Award	Dr	Abel	Wakai	€797,080
Validation of the Profile for Communication Abilities in Dementia (P-CAD)	Trinity College Dublin	Applied Research Projects in Dementia	Dr	Margaret	Walshe	€264,855
Preclinical evaluation of a novel therapeutic strategy for ulcerative colitis	Trinity College Dublin	Health Research Award	Dr	Patrick	Walsh	€328,668
Towards treatment stratification for successful smoking cessation: Harnessing predictive neurocognitive models	University College Dublin	Health Research Award	Dr	Robert	Whelan	€329,818

Leadership and capacity building

Title	Host Institution	Scheme	Lead Title	Lead Researcher Forename	Lead Researcher Surname	Amount
Individual and area-level determinants of self-harm and suicide in Ireland: Enhancing prediction, risk assessment and management of self-harm by health services	University College Cork	Research Leaders in PHHSR Award	Prof	Ella	Arensman	€1,376,095
Statistical epidemiology in population health and health services research: Quality and patient safety in medicines	Royal College of Surgeons in Ireland	Research Leaders in PHHSR Award	Dr	Kathleen	Bennett	€744,395
Telephone interventions, delivered by healthcare professionals, for informal caregivers of adults with diagnosed medical illnesses	Trinity College Dublin	Cochrane Training Fellowship	Ms	Margarita	Corry	€98,938
Cancer Prevention Fellowship Programme	National University of Ireland, Galway	NCI Cancer Prevention Fellowship	Mr	Diarmuid	Coughlan	€51,150
An investigation into early adverse life events and psychotic-like experiences in Irish youth	Royal College of Surgeons in Ireland	Health Professional Fellowship	Ms	Helen	Coughlan	€227,496
Validation of FcgRIIa as a potential drug target in sepsis	Royal College of Surgeons in Ireland	Wellcome Trust Seed Award	Dr	Dermot	Cox	€78,995
Attenuation of exaggerated post-prandial gut hormone response: A novel therapeutic strategy for the treatment of excessive weight loss among disease-free post-oesophagectomy patients	University College Dublin	Health Professional Fellowship	Dr	Jessie A	Elliott	€224,929
The clinical application of immunometabolism to the TB patient	Trinity College Dublin	Health Professional Fellowship	Dr	Laura	Gleeson	€162,725

Title	Host Institution	Scheme	Lead Title	Lead Researcher Forename	Lead Researcher Surname	Amount
Investigating the impact of body composition and nutritional intervention strategies in pancreatic cancer	Trinity College Dublin	Health Professional Fellowship	Ms	Oonagh	Griffin	€251,468
Interventions for preventing falls in Multiple sclerosis	University of Limerick	Cochrane Training Fellowship	Dr	Sara	Hayes	€55,640
Methods to influence the completeness of response to self- administered questionnaires	National University of Ireland, Galway	Cochrane Training Fellowship	Dr	Patricia	Healy	€77,595
Overcoming survival signalling in multiple myeloma	National University of Ireland, Galway	Health Professional Fellowship	Dr	Niamh	Keane	€163,430
Living with Motor neurone disease (MND) and Dysphagia - the personal experiences of individuals with MND and their caregivers	University College Cork	Health Professional Fellowship	Ms	Dominika	Lisiecka	€162,506
Collective Leadership and Safety Cultures (CO-LEAD)	University College Dublin	Research Leaders in PHHSR Award	Prof	Eilish	McAuliffe	€1,408,353
The genomic architecture of human nucleolar organiser regions and its role in nucleolar biology	National University of Ireland, Galway	Wellcome Trust Senior Investigator Award	Prof	Brian	McStay	1,419,864
Towards a survivorship care plan for breast cancer for post-menopausal women in rural settings	HSE - Midland Regional Hospital at Tullamore	Cancer Nursing Research Project	Ms	Elizabeth	Meade	€13,996
Left atrial appendage closure for the prevention of stroke in patients with atrial fibrillation	HIQA	Cochrane Training Fellowship	Dr	Linda	Murphy	€41,525
Interventions targeted outside of workplace settings for reducing sedentary behaviour in adults under 60 years	Mary Immaculate College Limerick	Cochrane Training Fellowship	Dr	Elaine	Murtagh	€51,788

Title	Host Institution	Scheme	Lead Title	Lead Researcher Forename	Lead Researcher Surname	Amount
Development of a core set of clinical care provision indicators for non-specialist palliative care in the acute care hospital setting	Trinity College Dublin	Health Professional Fellowship	Ms	Mary	Nevin	€248,714
Electrophysiological investigations on the molecular mechanisms underlying gut-to-brain signalling evoked by colonic microbiota	University College Cork	Wellcome Trust Seed Award	Dr	Dervela	O'Malley	€121,376
National Centre for Social Research on Dementia (NCSRD)	National University of Ireland, Galway	Research Leaders in PHHSR Award	Prof	Eamon	O'Shea	€1,594,497
The OPTIMAL study: A randomised controlled trial and process evaluation of an occupational therapy-led self-management support programme for patients with multimorbidity in primary care	Trinity College Dublin	Health Professional Fellowship	Miss	Lynn	O'Toole	€200,088
Professional interventions to improve the detection of depression among adolescents in primary care	University College Dublin	Cochrane Training Fellowship	Dr	Davina	Swan	€56,303
Development of a health promotion programme for breast cancer awareness for women with mild cognitive impairment	University College Cork	Cancer Nursing Research Project	Ms	Susan	Walsh	€6,000

Infrastructure and networks

Title	Host Institution	Scheme	Lead Title	Lead Researcher Forename	Lead Researcher Surname	Amount
HRB Clinical Research Coordination Ireland	Molecular Medicine Ireland	Clinical Research Coordination Ireland	Prof	Joseph	Eustace	€2,324,982
The Irish Network for Research in Dementia and Neurodegeneration (INRDND) and the Structured Population and Health Services Research Education (SPHeRE) Network	Alzheimer's Society of Ireland	Network in Dementia and ND Research	Prof	Brian	Lawlor	€150,000
Irish Clinical Oncology Research Group – Renewal award for 2016–2018	Irish Clinical Oncology Research Group Limited	ICORG	Dr	Ray	McDermott	€8,995,200
Award for Irish Platform for Patients' Organisations, Science and Industry 2015	Irish Platform for Patients' Organisations, Science and Industry Ltd	IPPOSI	Ms	Eibhlin	Mulroe	€75,600
Provision of statistics and data management services to Irish Clinical Oncology Research Group Limited by National University of Ireland, Galway	National University of Ireland, Galway	ICORG Statistics and Data Management	Prof	Martin	O'Donnell	€1,735,890

Knowledge exchange and dissemination

Title	Host Institution	Scheme	Lead Title	Lead Researcher Forename	Lead Researcher Surname	Amount
Psychosocial, psychiatric and work-related risk factors associated with suicide in Ireland: Enhancing dissemination and impact of research outcomes	National Suicide Research Foundation	KEDS Supplemental Award	Prof	Ella	Arensman	€32,734
Taking the stress out of dementia caregiving	The Alzheimer Society of Ireland	KEDS Supplemental Award	Dr	Emer	Begley	€29,730
Synthesising and disseminating key lessons from the AllHPC Palliative Care Research Network	Our Lady's Hospice	KEDS Supplemental Award	Ms	Paddie	Blaney	€59,646
Capnography monitoring for conscious sedation in oral surgery	University College Cork	KEDS Supplemental Award	Dr	Paul	Brady	€17,625
Doctor Emigration Knowledge Exchange Project (DEP-KEDS)	Royal College of Surgeons in Ireland	KEDS Supplemental Award	Prof	Ruairi	Brugha	€30,174
Creating awareness of research in caregiving (CARING)	University College Cork	KEDS Supplemental Award	Dr	Gerard	Clarke	€32,908
Development of a National Severe Asthma Registry and comprehensive care programme	Royal College of Surgeons in Ireland	KEDS Supplemental Award	Prof	Richard	Costello	€60,000
Development and upgrading of the HMDB Schizophrenia Metabocard	Royal College of Surgeons in Ireland	KEDS Supplemental Award	Prof	David	Cotter	€31,814
Creation of a young adult colouring book illustrating biological research on mental illness	Royal College of Surgeons in Ireland	KEDS Supplemental Award	Prof	David	Cotter	€59,370
Brain superheroes return	Trinity College Dublin	KEDS Supplemental Award	Prof	Kumlesh K	Dev	€29,962
Priority setting in uncertainties in trial methodology	National University of Ireland, Galway	KEDS Supplemental Award	Prof	Declan	Devane	€59,271

Title	Host Institution	Scheme	Lead Title	Lead Researcher Forename	Lead Researcher Surname	Amount
Thinking outside the box: towards a novel approach to care delivery for young adults with type 1 diabetes	National University of Ireland, Galway	KEDS Supplemental Award	Dr	Sean	Dinneen	€30,225
Immunotherapy for the treatment of AMD: a preclinical evaluation	Trinity College Dublin	KEDS Supplemental Award	Dr	Sarah	Doyle	€32,500
High-quality pre-pregnancy care is essential for women with diabetes.	National University of Ireland, Galway	KEDS Supplemental Award	Prof	Fidelma	Dunne	€26,000
Building a self-management programme for living well with and beyond head and neck cancer	Irish Cancer Society	KEDS Supplemental Award	Prof	Pamela	Gallagher	€21,758
Behavioural changes in ALS: What families and healthcare professionals need to know	Trinity College Dublin	KEDS Supplemental Award	Prof	Orla	Hardiman	€59,972
Evidence-based oral healthcare for older adults	University College Cork	KEDS Supplemental Award	Dr	Martina	Hayes	€23,930
Cracking Cancer with Science: an educational outreach campaign for primary schoolchildren	Royal College of Surgeons in Ireland	KEDS Supplemental Award	Dr	Ann	Hopkins	€17,875
SOLAS.net: Development and Pilot Implementation of an E-Learning Physiotherapist Training Programme for Self-Management of Chronic Musculoskeletal Pain in Primary Care	University College Dublin	KEDS Supplemental Award	Dr	Deirdre	Hurley	€43,904
APPLYing Health: Using healthcare technology to enhance the delivery of rehabilitation programmes in cancer survivors	Trinity College Dublin	KEDS Supplemental Award	Dr	Juliette	Hussey	€32,946
Irish Dystonia Research Group: Innovation through collaboration	University College Dublin	KEDS Supplemental Award	Prof	Michael	Hutchinson	€50,102
Baby steps towards STRIDER: support, website, information, dissemination, exchange	University College Cork	KEDS Supplemental Award	Prof	Louise	Kenny	€59,915
Promoting positive mental health messages for the older population: The Irish Longitudinal Study on Ageing (TILDA) films	Trinity College Dublin	KEDS Supplemental Award	Prof	Rose Anne	Kenny	€59,848

Title	Host Institution	Scheme	Lead Title	Lead Researcher Forename	Lead Researcher Surname	Amount
The Irish Longitudinal Study on Ageing (TILDA) hypertension seminars for health professionals in primary and community care practice	Trinity College Dublin	KEDS Supplemental Award	Prof	Rose Anne	Kenny	€58,551
Enhancing awareness of blindness resulting from diabetes. Understanding treatments and preventative interventions.	University College Dublin	KEDS Supplemental Award	Dr	Breandan	Kennedy	€32,220
Enhancing awareness of the socio-economic impact of inherited blindness	University College Dublin	KEDS Supplemental Award	Dr	Breandan	Kennedy	€29,407
A web-based resource and community of practice (CoP) to transform practices around 'talking about epilepsy'	Dublin City University	KEDS Supplemental Award	Dr	Veronica	Lambert	€11,226
Healthy pregnancy in Ireland	Royal College of Surgeons in Ireland	KEDS Supplemental Award	Prof	Fergal	Malone	€60,000
Innovative dissemination of IDS-TILDA Wave 2 - Advancing years, different challenges	Trinity College Dublin	KEDS Supplemental Award	Prof	Mary	McCarron	€59,951
Development of The STOP-HF network for community-based prevention of heart failure	University College Dublin	KEDS Supplemental Award	Prof	Kenneth	McDonald	€59,991
Understand My Pain: Educational tools for chronic pain	National University of Ireland, Galway	KEDS Supplemental Award	Dr	Brian	McGuire	€49,931
An e-Platform for multimorbidity research and clinical practice	National University of Ireland, Galway	KEDS Supplemental Award	Dr	Brian	McGuire	€59,945
Development and launch of Irish Guidelines on the Management of Helicobacter pylori Infection	Trinity College Dublin	KEDS Supplemental Award	Prof	Deirdre	McNamara	€18,154
ICORG Communications Manager	Irish Clinical Oncology Research Group Ltd	KEDS Supplemental Award	Ms	Eibhlin	Mulroe	€60,000

Title	Host Institution	Scheme	Lead Title	Lead Researcher Forename	Lead Researcher Surname	Amount
Development of an online training and accreditation resource for a novel outcome assessment tool in high-risk infants: the Babyscreen app	University College Cork	KEDS Supplemental Award	Dr	Deirdre	Murray	€59,987
Thrombosis risk in pregnancy: what you need to know	University College Dublin	KEDS Supplemental Award	Dr	Fionnuala	Ní Áinle	€32,323
Translating critical care research into clinical practice	University College Dublin	KEDS Supplemental Award	Prof	Alistair	Nichol	€60,000
Towards increased awareness and understanding of the risk of thrombosis in gynaecological cancers	Trinity College Dublin	KEDS Supplemental Award	Dr	Lucy	Norris	€22,670
What is Alpha-1?	Alpha One Foundation	KEDS Supplemental Award	Ms	Kitty	O'Connor	€27,000
Cancer immunology research saves lives: Find out	Trinity College Dublin	KEDS Supplemental Award	Prof	Cliona	O'Farrelly	€32,725
DEDIPAC Ireland: National One-day Symposium on Determinants of Diet and Physical Activity	Dublin City University	KEDS Supplemental Award	Dr	Donal	O'Gorman	€29,375
Happy mothers...happy babies	Trinity College Dublin	KEDS Supplemental Award	Prof	Veronica	O'Keane	€31,215
CERVIVA: Making connections and creating impact	Trinity College Dublin	KEDS Supplemental Award	Prof	John	O'Leary	€60,000
Diet, health and sustainability - narrowing the gap between what we know and what we do	University College Cork	KEDS Supplemental Award	Prof	Ivan	Perry	€59,520
A user-friendly database of genetic dependencies in cancer	University College Dublin	KEDS Supplemental Award	Dr	Colm	Ryan	€24,535
Together against HIV: raising awareness and knowledge through documented real-life experiences and research discovery	Trinity College Dublin	KEDS Supplemental Award	Dr	Nigel	Stevenson	€33,655
Progressing Universal Health Care: Informing citizens by pooling and disseminating research and generating debate	Trinity College Dublin	KEDS Supplemental Award	Dr	Steve	Thomas	€31,288

An Bord Taighde Sláinte
Teach Grattan
67-72 Sráid an Mhóta Íochtarach
Baile Átha Cliath 2
D02 H638
Éire

Health Research Board
Grattan House
67-72 Lower Mount Street
Dublin 2
D02 H638
Ireland

t +353 1 234 5000
f +353 1 661 2335
e hrb@hrb.ie
w www.hrb.ie

 [@hrbireland](https://twitter.com/hrbireland)