Recent Publications - Faculty of Health Sciences

BY MEMBERS OF THE STAFF AND BY RESEARCH STUDENTS WORKING UNDER THEIR SUPERVISION

The publications information has been derived from the College’s Research Support System. Every effort has been made to ensure that the information is accurate and complete. Please notify the Research Support Systems Administrator (email: rssadmin@tcd.ie) of any errors or omissions which will be corrected in next year’s Calendar.

School of Dental Science


'The contribution of whole-genome sequencing to our understanding of the epidemiology and control of methicillin-resistant *Staphylococcus aureus*', *Journal of Hospital Infection*, 102, 2 (2019), 189-199 [H. Humphreys, D.C. Coleman]


Recent publications – Faculty of Health Sciences


**Healy, Claire**, 'The microbiome and oral cancer: more questions than answers', *Oral Oncology*, 89 (2019), 30-33 [C.M. Healy, G.P. Moran]


Recent publications – Faculty of Health Sciences


'The impact of 0.2% chlorhexidine gel on oral health and the incidence of pneumonia amongst adults with profound complex neurodisability', *Special Care Dentistry*, 39, 5 (2019), 524-532 [R. Prasad, B. Daly, G. Manley]

'Patients with head and neck cancers' oral health knowledge, oral health-related quality of life, oral health status, and adherence to advice on discharge to primary dental care: a prospective observational study', *Special Care Dentistry*, 39, 6 (2019), 593-602 [H. Abed, D. Reilly, M. Burke, B. Daly]


Recent publications – Faculty of Health Sciences

School of Medicine


'Exercise interventions for patients with advanced cancer: a systematic review of recruitment, attrition, and exercise adherence rates', *Palliative and Supportive Care*, 17, 6 (2019), 686-696 [G. Sheill, E. Guinan, L. Brady, D. Hevey, J. Hussey]

Recent publications – Faculty of Health Sciences


'Limited evidence exists on the effectiveness of education and training interventions on trial recruitment; a systematic review', *Journal of Clinical Epidemiology*, 113(2019), 75-82 [H. Delaney, D. Devane, M. Hennessy, A. Parker, L. Murphy, P. Cronin, C. Smith]


'Platelet count and profile of reticulated platelets and red cell reticulocytes in patients with recently symptomatic versus asymptomatic carotid stenosis: results from the HaEmostasis In carotid STenosis (HEIST) study', *Journal of Neurology*, 265 (2018), 1037 [S.J.X. Murphy S.T. Lim, J.A. Kinsella (...), D.J.H. McCabe, HEIST study group]


'Developing a national undergraduate standardized curriculum for future healthcare professionals on "making every contact count" for chronic disease prevention in the republic of Ireland', *Journal of Interprofessional Care* (2019), 1-5 [D. Sinclair, E. Savage, M. O'Brien (...), A. Patterson *et al.*]


'Connectivity-based characterisation of subcortical grey matter pathology in frontotemporal dementia and ALS: a multimodal neuroimaging study', *Brain Imaging Behav* (2018), 1-19 [P. Bede, T. Omer, E. Finegan (...), N. Pender *et al.*]


'Characterisation of basal ganglia pathology in frontotemporal dementia: a connectivity-based multimodal neuroimaging study', *Neurology*, 90, 15 Supplement (2018), S34.002 [P. Bede, E. Finegan, R. Chipika, T. Omer, N. Pender, S. Hutchinson, O. Hardiman]

Recent publications – Faculty of Health Sciences


'Heritability of ALS: a population-based study over 24 years. (S54. 001)', *Neurology, American academy of neurology*, Wolters Kluwer Health, Inc. on behalf of the American Academy of Neurology (2019), S54. 001 [M. Ryan, M. Heverin, N. Pender, R. McLaughlin, O. Hardiman]


'Disclosure strategies in adults with epilepsy when telling, "I have epilepsy": the how2tell study', *Epilepsia* (2019), 10.1111/epi.16338 [N. Elliott, S. Pembroke, M. Quirke, N. Pender, A. Higgins]


ANATOMY

Recent publications – Faculty of Health Sciences


Research student


CLINICAL MEDICINE


'Primary lateral sclerosis, part of the MND spectrum or distinct entity: a multiparametric neuroimaging study with comprehensive clinical and genetic profiling', *Amyotroph Lateral Scler Frontotemporal Degener*, 19, s1 (2018), 11 [E. Finegan, R.H. Chipika, M.A. Doherty, R.L. McLauglin, P.M. Iyer, C. Donaghy, O. Hardiman, P. Bede]
Recent publications – Faculty of Health Sciences

'Post-polio syndrome: more than just a lower motor neuron disease', Front Neurol (2019), http://hdl.handle.net/2262/89387 [S. Li Hi Shing, R.H. Chipika, E. Finegan, D. Murray, O. Hardiman, P. Bede]


'Maternal sociodemographic and health behaviours associated with adiposity in infants as measured by air displacement plethysmography', Early Human Development, 140, 104887 (2020), 1-7 [A.E. Bennett, J.M. Kearney]


In women with PCOS, waist circumference is a better surrogate of glucose and lipid metabolism than disease status per se', Clinical Endocrinology, 88, 4 (2018), 565-574 [A. Pazderska, T. T. Kyaw Tun, N. Phelan, A. McGowan, M. Sherlick, L.A. Behan, G. Boran, J. Gibney]

Brennan, Sinead, 'Establishment of national diagnostic reference levels (DRLs) for radiotherapy localisation computer tomography of the head and neck', Reports of Practical Oncology and Radiotherapy, 23, 5 (2018), 407-412 [C. Clerkin, S. Brennan, L.M. Mullaney]


Conway, Richard, 'Persons with disability, social deprivation and an emergency medical admission', Irish Journal of Medical Science, 4, (2018), 593-600 [S. Cournane, R. Conway, D. Byrne, D. O'Riordan, B. Silke]
Recent publications – Faculty of Health Sciences


'Relationship of the clinical acuity and complexity to the outcome of an emergency medical admission', *Acute Medicine*, 17, 1 (2018), 18-25 [D. Byrne, R. Conway, S. Cournane, D. O'Riordan, B. Silke]

'Rising emergency admission and readmission rates - a retrospective study of demographic and socio-economic factors', *Journal of General Internal Medicine* (2018), 1-3 [D. Byrne, R. Conway, S. Cournane, D. O'Riordan, B. Silke]


'Mortality outcomes and emergency department wait times - the paradox in the capacity limited system', *Acute Med*, 17, 3 (2018), 130-136 [D. Byrne, J.G. Browne, R. Conway, S. Cournane, D. O'Riordan, B. Silke]

'Hyponatraemia during an emergency medical admission as a marker of illness severity and case complexity', *Eur J Intern Med* (2018), S0953-6205 (18)30318-2 [K. McCarthy, R. Conway, D. Byrne, S. Cournane, D. O'Riordan, B. Silke]


'Admission and readmission rate incidences from deprived areas - impact of a classical or multi-dimensional model', *Irish Journal of Medical Science* (2018), http://dx.doi.org/10.1007/s11845-018-1815-0 [D. Byrne, R. Conway, S. Cournane, D. O'Riordan, B. Silke]

'Socio-economic status and the clinical acuity of emergency medical admissions', *Panminerva Medica* (2018), http://dx.doi.org/10.23736/S0031-0808.18.03443-2 [R. Conway, D. Byrne, S. Cournane, D. O'Riordan, B. Silke]

'Outcomes in acute medicine - evidence from extended observations on readmissions, hospital length of stay and mortality outcomes', *European Journal of Internal Medicine*, 66 (2019), 69-74 [R. Conway, D. Byrne, D. O'Riordan, B. Silke]

'Comparative influence of acute illness severity and comorbidity on mortality', *European Journal of Internal Medicine* (2019), http://dx.doi.org/10.1016/j.ejim.2019.11.014 [R. Conway, D. Byrne, D. O'Riordan, B. Silke]


'Socio-economic status and multioriginal morbidity - fact or fiction?', *Acute Medicine*, 18, 2 (2019), 64-70 [D. Byrne, S. Cournane, R. Conway, D. O'Riordan, B. Silke]


Recent publications – Faculty of Health Sciences


'Calcium-containing crystals and osteoarthritis: an unhealthy alliance', *Current Rheumatology Reports*, 20, 3 (2018), 13 [R. Conway, G.M. McCarthy]

'Platelet activation, as measured by plasma soluble glycoprotein VI, is not associated with disease activity or ischaemic events in giant cell arteritis', *Annals of the Rheumatic Diseases*, 77, 11 (2018), 1695-1697 [R. Conway, A. Madigan, N. Redmond, L. Helbert, E.S. Molloy, E. Dunne, D. Kenny, G. McCarthy]


'Increased platelet reactivity as measured by plasma glycoprotein VI in gout', *Platelets*, 29, 8 (2018), 821-826 [R. Conway, C.L. Murphy, A. Madigan (…), D. Kenny, G.M. McCarthy]


'Chronic neurodegeneration induces Type I interferon synthesis via STING, shaping microglial phenotype and accelerating disease progression', *Glia*, 67 (2019), 1254 – 1276 [A. Nazmi, R.H. Field, E.W. Griffin (…), D. Cox et al.]


'IL-1 family cytokine regulation of vascular permeability and angiogenesis', *Frontiers in Immunology*, 10, Jun (2019), http://hdl.handle.net/2262/91158 [E. Fahey, S.L. Doyle]


'Interleukin-36 cytokines alter the intestinal microbiome and can protect against obesity and metabolic dysfunction', *Nature Communications*, 10, 1 (2019), 4003 [E. Giannoudaki, Y.E. Hernandez-Santana, K. Mulfaul (…), S.L. Doyle et al.]


'Dysregulated claudin-5 cycling in the inner retina causes retinal pigment epithelial cell atrophy', *JCI Insight*, 4, 15 (2019), 130273 [N. Hudson, L. Celkova, A. Hopkins (…), S.L. Doyle, M. Campbell]

'Low density granulocytes in ANCA vasculitis are heterogenous and hypo-responsive to anti-myeloperoxidase antibodies', *Frontiers in Immunology*, 10, 2603 (2019), http://hdl.handle.net/2262/91156 [A. Ui Mhaonaigh, A.M. Coughlan, A. Dwivedi (…), S.L. Doyle et al.]


'Spontaneous atopic dermatitis in mice with a defective skin barrier is independent of ILC2 and mediated by IL-1β', *Allergy: European Journal of Allergy and Clinical Immunology* (2019), 1 [C. Schwartz, T. Moran, S.P. Saunders (…), J. Demengeot, P.G. Fallon]


Recent publications – Faculty of Health Sciences


‘Primary lateral sclerosis: a distinct entity or part of the ALS spectrum?’, *Amyotroph Lateral Scler Frontotemporal Degener*(2019), 1-13 [E. Finegan, R.H. Chipika, S.L.H. Shing, O. Hardiman, P. Bede]


Recent publications – Faculty of Health Sciences


'Mutations in the glycosyltransferase domain of GLT8D1 are associated with familial amyotrophic lateral sclerosis', *Cell Reports*, 26, 9 (2019), 2298-2306.e5 [J. Cooper-Knock, T. Moll, T. Ramesh (…), O. Hardiman et al.]


'ALS-associated missense and nonsense TBK1 mutations can both cause loss of kinase function', *Neurobiology of Aging*, 71 (2018), 266.e1-266.e10 [M. de Majo, S.D. Topp, B.N. Smith (…), O. Hardiman et al.]

'Global burden of motor neuron diseases: mind the gaps', *The Lancet Neurology*, 17, 12 (2018), 1030-1031 [O. Hardiman]


'The life expectancy of Stephen Hawking, according to the ENCALS model', *The Lancet Neurology*, 17, 8 (2018), 662-663 [H-J. Westeneng, A. Al-Chalabi, O. Hardiman, T.P. Debray, L.H. van den Berg]
Recent publications – Faculty of Health Sciences


'Understanding the use of NIV in ALS: results of an international ALS specialist survey', Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 19, 5-6 (2018), 331-341 [T.D. Heiman-Patterson, M.E. Cudkowicz, M. De Carvalho (...), O. Hardiman et al.]


'Project MinE: study design and pilot analyses of a large-scale whole-genome sequencing study in amyotrophic lateral sclerosis', European Journal of Human Genetics, 26, 10 (2018), 1537-1546 [W. Van Rheenen, S.L. Pulit, A.M. Dekker (...), O. Hardiman et al.]


Low density granulocytes in ANCA vasculitis are heterogenous and hypo-responsive to antmyeloperoxidase antibodies, *Frontiers in Immunology*, 10, 2603 (2019), http://hdl.handle.net/2262/91156 [A. Uí Mhaonaigh, A.M. Coughlan, A. Dwivedi (...), G. Brady, M.A. Little]


Recent publications – Faculty of Health Sciences


'Dysregulated T helper type 1 (Th1) and Th17 responses in elderly hospitalised patients with infection and sepsis', *PLoS One*, 14, 10 (2019), e0224276 [J.D. Coakley, E.P. Breen, A. Moreno-Olivera, A.Al-Harbi, A.M. Melo, B. O'Connell, R. McManus]


'A risk assessment of factors for the presence of angiodysplasias during endoscopy and factors contributing to symptomatic bleeding and rebleeds', *Digestive Diseases and Sciences*, 64, 10 (2019), 2923-2932 [K.V. Grooteman, G. Holleran, M. Mattheuwsen, E.J.M. van Geenen, D. McNamara, J.P.H. Drenth]


'Gastrointestinal manifestations in a patient with common variable immunodeficiency syndrome', *Open Journal of Gastroenterology and Hepatology*, 2 (2019), 18 [B. Christopher, M.S. Ismail, M. Kirca, D. McNamara]


Recent publications – Faculty of Health Sciences


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Recent publications – Faculty of Health Sciences


'Three paralogous clusters of miR-17~92 family microRNAs restrain IL-12-mediated immune defence', *Cellular and Molecular Immunology* (2020), https://doi.org/10.1038/s41423-020-0363-5 [X. Zhang, S. Smith, X. Wang, B. Zhao, L. Wu, X. Hu]


'Multilayered cultures of NSCLC cells grown at the air-liquid interface allow the efficacy testing of inhaled anti-cancer drugs', *Scientific Reports* (2018), 12920 [A. Prina-Mello, D. Movia, D. Bazou, Y. Volkov, A. Prina-Mello]

**Walsh, Patrick**, 'Spontaneous atopic dermatitis in mice with a defective skin barrier is independent of ILC2 and mediated by IL-1β', *Allergy: European Journal of Allergy and Clinical Immunology* (2019), 1 [C. Schwartz, T. Moran, S.P. Saunders (…), P.T. Walsh et al.]


'Interleukin-36 cytokines alter the intestinal microbiome and can protect against obesity and metabolic dysfunction', *Nature Communications*, 10, 1 (2019), 4003 [E. Giannoudaki, Y.E. Hernandez-Santana, K. Mulfaul (…), A.E. Hogan, P.T. Walsh]

**Walsh, Richard**, 'Increased platelet count and reticulated platelets in recently symptomatic versus asymptomatic carotid artery stenosis and in cerebral microembolic signal-negative patient subgroups: results from the HaEmostasis In carotid STenosis (HEIST) Study.', *J Neurol*, 265, 5 (2018), 1037-1049 [S.J.X. Murphy, S.T. Lim, J.A. Kinsella (…), D.J.H. McCabe, for the HEIST study group]


'Clinical, biomarker, and molecular delineations and genotype-phenotype correlations of ataxia with oculomotor apraxia type 1', *JAMA Neurology*, 75, 4 (2018), 495-502 [M. Renaud, M-C. Moreira, B.B. Monga (…), R. Walsh et al.]


Recent publications – Faculty of Health Sciences


'The host microbiome and impact of tuberculosis chemotherapy', *Tuberculosis*, 113 (2018), 26-29 [R.F. O'Toole, S.S. Gautam]


**HAEMATOLOGY**


'Ibrutinib as a salvage therapy after allogeneic HCT for chronic lymphocytic leukemia', *Bone Marrow Transplantation* (2019), http://dx.doi.org/10.1038/s41409-019-0742-7 [M. Michallet, P. Dreger, M. Sobh (…), P. Browne *et al.*]


**HISTOPATHOLOGY AND MORBID ANATOMY**


Recent publications – Faculty of Health Sciences

**IMMUNOLOGY**

*Doherty, Derek*, 'Antigen-specific immune tolerance in the liver', *Nature Biomedical Engineering* (2019), http://dx.doi.org/10.1038/s41551-019-0445-9 [D.G. Doherty]

**MEDICAL GERONTOLOGY**

*Bourke, Nollaig*, 'The single nucleotide polymorphism mal-D96N mice provide new insights into functionality of mal in TLR immune responses', *The Journal of Immunology* (2019), ji1800501 [J.K. Dowling, M.D. Tate, S. Rosli (…), N.M. Bourke et al.]


'Properties and functions of the novel type I interferon epsilon', *Seminars in Immunology* (2019), 101328 [Z.R.C. Marks, N. Campbell, N.A. deWeerd, S.S. Lim, L.J. Gearing, N.M. Bourke, P.J. Hertzog]

*Byrne, Declan*, 'Outcomes in acute medicine - evidence from extended observations on readmissions, hospital length of stay and mortality outcomes', *European Journal of Internal Medicine*, 66 (2019), 69-74 [R. Conway, D. Byrne, D. O'Riordan, B. Silke]

'Comparative influence of acute illness severity and comorbidity on mortality', *European Journal of Internal Medicine* (2019), http://dx.doi.org/10.1016/j.ejim.2019.11.014 [R. Conway, D. Byrne, D. O'Riordan, B. Silke]


*Cunningham, Conal*, 'B-vitamins in relation to depression in older adults over 60 years of age: the Trinity Ulster Department of Agriculture (TUDA) cohort study', *Journal of the American Medical Directors Association* (2019), 551-557.e1 [K. Moore, C.F. Hughes, L. Hoey (…), C. Cunningham et al.]


Recent publications – Faculty of Health Sciences


'A risk score including carotid plaque inflammation and stenosis severity improves identification of recurrent stroke', *Stroke* (2020), STROKEAHA119027268 [P.J. Kelly, P. Camps-Renom, N. Giannotti (...), J. Harbison et al.]


'Recently published – Faculty of Health Sciences

Recent publications – Faculty of Health Sciences


'A risk score including carotid plaque inflammation and stenosis severity improves identification of recurrent stroke', *Stroke* (2020), STROKEAHA119027268 [P.J. Kelly, P. Camps-Renom, N. Giannotti (...), J. Harbison et al.]


Recent publications – Faculty of Health Sciences


'Rebuking the concept of ageing as a disease', The Lancet Diabetes and Endocrinology, 6, 10 (2018), 768 [C. McCrory, R.A. Kenny]


'What is the prevalence of untreated depression and death ideation in older people? Data from The Irish Longitudinal Study on Ageing', International Psychogeriatrics (2018), http://dx.doi.org/10.1017/S104161021700299X [R. Briggs, K. Tobin, R.A. Kenny, S.P. Kennelly]


Recent publications – Faculty of Health Sciences


Recent publications – Faculty of Health Sciences


Recent publications – Faculty of Health Sciences


'The association between hair cortisol, hair cortisone, and cognitive function in a population-based cohort of older adults: results from The Irish Longitudinal Study on Ageing', *The Journals of Gerontology. Series A, Biological Sciences and Medical Sciences*, 75, 2 (2020), 257-265 [J.C. Feeney, A.M. O'Halloran, R.A. Kenny]


'Socio-economic position under the microscope: getting 'under the skin' and into the cells', *Current Epidemiology Reports*, 6, 4 (2019), 403-411 [C. McCrory, S. McLoughlin, A.M. O'Halloran]


Recent publications – Faculty of Health Sciences


'Abortion as a moral good?', Lancet, 394(2019), 1323-1324 [D. O'Neill]


Recent publications – Faculty of Health Sciences


Recent publications – Faculty of Health Sciences


'Housing conditions and non-communicable diseases among older adults in Ireland', *Quality in Ageing and Older Adults*, 19, 3 (2018), 191-204 [S. Gibney, M. Ward, S. Shannon]

Recent publications – Faculty of Health Sciences


OBSTETRICS AND GYNAECOLOGY


'Lung metastases from benign uterine leiomyoma: does 18-FDG-PET/CT have a role to play?', *Irish Journal of Medical Science* (2018), http://dx.doi.org/10.1007/s11845-018-1876-0 [F. Abu Saadeh, C. O'Rian, C. Mc Cormack, N. Gleeson]


OCCUPATIONAL THERAPY


Connolly, Deirdre, 'Disease activity, occupational participation, and quality of life for individuals with and without severe fatigue in ankylosing spondylitis', *Occupational Therapy International* (2019), 10 [D. Connolly, C. Fitzpatrick, F. O'Shea]


'Developing a national undergraduate standardized curriculum for future healthcare professionals on "making every contact count" for chronic disease prevention in the Republic of Ireland', *Journal of Interprofessional Care* (2019), 1-5 [D. Sinclair, E. Savage, M. O' Brien (...), D. Connolly et al.]
Foley, Geraldine, 'Confused about theoretical sampling? Engaging theoretical sampling in diverse grounded theory studies', *Qualitative Health Research* (2020), http://hdl.handle.net/2262/91286 [C. Conlon, V. Timonen, C. Elliott O'Dare, S. O'Keeffe, G. Foley]


Stapleton, Tadhg, 'Approaches for assessing decision-making capacity in older adults; a scoping review protocol', *JBI Database of Systematic Reviews and Implementation Reports*, 17 (2019), 1-9 [R. Usher, T. Stapleton]


Recent publications – Faculty of Health Sciences


Molloy, Eleanor, Type 1 IFN induction by cytosolic nucleic acid is intact in neonatal mononuclear cells, contrasting starkly with neonatal hyporesponsiveness to TLR ligation due to independence from endosome-mediated IRF3 activation’, The Journal of Immunology (2018), ji1700956 [K. Brennan, B.D. O’Leary, D. Mc Laughlin (…), E.J. Molloy et al.]


Recent publications – Faculty of Health Sciences


PHARMACOLOGY AND THERAPEUTICS


'Αβ facilitates LTD at Schaffer collateral synapses preferentially in the left hippocampus', *Cell Reports*, 22, 8 (2018), 2053-2065 [K.J. O'Riordan, N-W. Hu, M.J. Rowan]
Recent publications – Faculty of Health Sciences

'Soluble tau aggregates inhibit synaptic long-term depression and amyloid β-facilitated LTD in vivo', Neurobiology of Disease, 127 (2019), 582-590 [T. Ondrejcak, N-W. Hu, Y. Qi, I. Klyubin, G.T. Corbett, G. Fraser, M.S. Perkinton, D.M. Walsh, A. Billinton, M.J. Rowan]


PHYSIOLOGY


'Inhibition of the interaction between group I metabotropic glutamate receptors and PDZ-domain proteins prevents hippocampal long-term depression, but not long-term potentiation', Frontiers in Synaptic Neuroscience, 11 (2019), 13 [S. Neyman, K.-H. Braunewell, K.E. O'Connell, K.K. Dev, D. Manahan-Vaughan]


'In the use of microtechnology to monitor collision performance in professional rugby union', International Journal of Sports Physiology and Performance, 13, 8 (2018), 1075-1082 [S.-J. MacLeod, C. Hagan, M. Egana, J. Davis, D. Drake]


PHYSIOTHERAPY


"Feasibility of telephone follow-up after critical care discharge", *Medical Sciences*, 8 (1), 16 (2020), http://hdl.handle.net/2262/91803 [S. Hodalova, S. Moore, J. Dowds, N. Murphy, I. Martin-Loeches, J. Broderick]


Recent publications – Faculty of Health Sciences

'eHealth-based intervention to increase physical activity levels in people with cancer: protocol of a feasibility trial in an Irish acute hospital setting', *BMJ Open*, 9, 3 (2019), e024999 [C. Haberlin, J. Broderick, E. Guinan, C.D. Darker, J. Hussey, D.M. O'Donnell]


'Exercise interventions for patients with advanced cancer: a systematic review of recruitment, attrition, and exercise adherence rates', *Palliative and Supportive Care*, 17, 6 (2019), 686-696 [G. Sheill, E. Guinan, L. Brady, D. Hevey, J. Hussey]


Recent publications – Faculty of Health Sciences


PSYCHIATRY


'Low smoking exposure, the adolescent brain, and the modulating role of CHRNA5 polymorphisms', *Biological Psychiatry: Cognitive Neuroscience and Neuromaging*, 4, 7 (2019), 672-679 [B. Chaarani, K-J. Kan, S. Mackey (…), A.L.W. Bolke *et al.*]


'Do ADHD-impulsivity and BMI have shared polygenic and neural correlates?’, *Molecular Psychiatry* (2019), http://hdl.handle.net/2262/89945 [E.D. Barker, A. Ing, F. Biondo (…), A.L.W. Bolke *et al.*]


'Age at first birth in women is genetically associated with increased risk of schizophrenia', *Scientific Reports*, 8, 1 (2018), 10168 [G. Ni, J. Gratten, N.R. Wray (...), A. Corvin et al.]

'Widespread white matter microstructural differences in schizophrenia across 4322 individuals: results from the ENIGMA schizophrenia DTI working group', *Molecular Psychiatry*, 23, 5 (2018), 1261-1269 [S. Kelly, N. Jahanshad, A. Zalesky (...), A.S. Corvin et al.]

'Prospective observational cohort study of 'treatment as usual' over four years for patients with schizophrenia in a national forensic hospital', *BMC Psychiatry*, 8, 1 (2018), 289 [M.S. Richter MS, K. O'Reilly, D. O'Sullivan (...), A. Corvin et al.]


'Cortical brain abnormalities in 4474 individuals with schizophrenia and 5098 control subjects via the enhancing neuro imaging genetics through meta analysis (ENIGMA) consortium', *Biological Psychiatry*, 84, 9 (2018), 644-654 [T.G.M. van Erp, E. Walton, D.P. Hibar (...), P.M. Thompson, J.A. Turner]

Dodd, Philip, 'Mental health services for people with intellectual disability in Ireland: evidence, barriers and opportunities', *Advances in Mental Health and Intellectual Disabilities*, 12, 3 (2018), 105-113 [H. Ramsey, P. Dodd]


'He said, she said - autism spectrum diagnosis and gender differentially affect relationships between executive functions and social communication', *Autism* (2019), 1-12 [B. Chouinard, L. Gallagher, C. Kelly]


Recent publications – Faculty of Health Sciences


**Kennedy, Harry**, 'Prospective observational cohort study of 'treatment as usual' over four years for patients with schizophrenia in a national forensic hospital', *BMC Psychiatry*, 8, 1 (2018), 289 [M.S. Richter, K. O'Reilly, D. O'Sullivan (…), P. O'Connell, H.G. Kennedy]


'Low circulating levels of GR, FKBP5, and SGK1 in medicated patients with depression are not altered by electroconvulsive therapy', *The Journal of ECT* (2019), http://dx.doi.org/10.1097/yct.0000000000000633 [K.M. Ryan, L. Poelz, D.M. McLoughlin]

'Tryptophan metabolite concentrations in depressed patients before and after electroconvulsive therapy', *Brain, Behavior, and Immunity* (2019), [K.M. Ryan, K.A. Allers, D.M. McLoughlin, A. Harkin]


'Inhibition of the interaction between group I metabotropic glutamate receptors and PDZ-domain proteins prevents hippocampal long-term depression, but not long-term potentiation', *Frontiers in Synaptic Neuroscience*, 11 (2019), 13 [S. Neyman, K-H. Braunewell, K.E. O'Connell, K. Dev, D. Manahan-Vaughan]

*O'Keane, Veronica*, 'Associations between forced and 'persuaded' first intercourse and later health outcomes in women', *Violence Against Women* (2018), [S. McCarthy-Jones, A. Bulfin, E. Nixon, V. O'Keane, I. Bacik, R. McElvaney]


**PUBLIC HEALTH AND PRIMARY CARE**

*Barry, Joseph*, 'Financial support by billionaires for research and policy analysis should be subject to disclosure rules', *Journal of Studies on Alcohol and Drugs*, 80, 2 (2019), 265-266 [B.P. Smyth, J. Barry]


Recent publications – Faculty of Health Sciences


**Darker, Catherine**, 'Smoking cessation programmes for women living in disadvantaged communities, 'we can quit 2': a systematic review protocol', *HRB Open Access*, 2, 10 (2019), https://doi.org/10.12688/hrbopenres.12901.1 [E. Burke, F. Dobbie, N. Dougall (…), C. Darker et al.]


'Influence of providing information to participants about development of trial outcomes on response rates and attitudes to questionnaire completion: protocol for a study within a trial', *HRB Open Research* (2019), http://hdl.handle.net/2262/91591 [C. Griffin, E. Toomey, M. Queally, C.B. Hayes, P.M. Kearney, K. Matvienko-Sikar]


'Influence of providing information to participants about development of trial outcomes on response rates and attitudes to questionnaire completion: protocol for a study within a trial', *HRB Open Research*, 2 (2019), 2 [C. Griffin, E. Toomey, M. Queally, C. Hayes, P. Kearney, K. Matvienko-Sikar]


Recent publications – Faculty of Health Sciences

'Evaluation of the efficacy of risk management strategies in the protection of healthcare workers handling cytotoxic drugs', *Occupational and environmental medicine, international congress of occupational health triennial*, 29/04 -04/05/2018, Conference Centre, Dublin, BMJ Journals, 752018, A335-A335 [S. Kelly, A. Reid]

'Occupational social class and self-rated health; a cross sectional study of older Irish adults from The Irish Longitudinal Study on Ageing', *Occupational and environmental medicine, international congress of occupational health triennial*, 29/04 -04/05/2018, Conference Centre, Dublin, BMJ Journals, 752018, A38-A39 [S. Kelly, A. Reid, A. McCarron]


*Smyth, Bobby*, 'Opioid substitution treatment and heroin dependent adolescents: reductions in heroin use and treatment retention over twelve months', *BMC pediatrics*, 18, 1 (2018), 151 [B.P. Smyth, K. Elmusharaf, W. Cullen]


'Financial support by billionaires for research and policy analysis should be subject to disclosure rules', *Journal of Studies on Alcohol and Drugs*, 80, 2 (2019), 265-266 [B.P. Smyth, J. Barry]


'Variation in resource allocation in urgent and emergency care systems in Ireland', *BMC Health Serv Res*, 19, 657 (2019), 1-11 [S. Thomas, C. Foley, B. Kane, B.M. Johnston, B. Lynch, S. Smith, O. Healy, E. Droog, J. Browne]


**RADIATION THERAPY**

*Barrett, Sarah*, 'A review of radiation induced lymphocyte apoptosis as a predictor of late toxicity following breast radiotherapy', *Journal of Medical Imaging and Radiation Sciences*, 50, 2 (2019), 337-344 [M. Ní Fhoghlú, S. Barrett]


Recent publications – Faculty of Health Sciences


'Geriatric oncology: assessing the needs of older people with cancer', British Journal of Hospital Medicine, 80, 5 (2019), 252-257 [A. Cree, A. O'Donovan, S. O'Hanlon]


Poole, Claire, 'Impact of virtual learning environment on students' satisfaction, engagement, recall, and retention', Journal of Medical Imaging and Radiation Sciences, 50, 3 (2019), 408-415 [E. Ryan, C. Poole]

'Influences impacting the attitudes of parents towards the HPV vaccine', Journal of Cancer Prevention and Current Research, 11, 1 (2020), 7-11 [K. Lawless, Dr. P. Murphy, Dr. L. Marignol, C. Poole]


SURGERY


X182 Calendar 2020-21
Recent publications – Faculty of Health Sciences


Recent publications – Faculty of Health Sciences


Recent publications – Faculty of Health Sciences


'1,4-dihydroxy quininib attenuates growth of colorectal cancer cells and xenografts and regulates the TIE-2 signaling pathway in patient tumours', *Oncotarget*, 10, 38 (2019), 3725-3744 [C.T. Butler, S.A. Kennedy, A. Buckley (...), J. O'Sullivan, B.N. Kennedy]


Recent publications – Faculty of Health Sciences


School of Nursing and Midwifery


'Respectful and disrespectful care in the Czech Republic: an online survey', Reproductive Health, 15 (2018), 198-208 [C. Begley, N. Sedlicka, D. Daly]

'Health economic analysis of a cluster-randomised trial (OptiBIRTH) designed to increase rates of vaginal birth after caesarean section', British Journal of Obstetrics and Gynaecology, 126, 8 (2019), 1043-1051 [M. Fobelets, K. Beeckman, P. Healy (…), C. Begley, K. Putman]


'Active versus expectant management for women in the third stage of labour', Cochrane Database of Systematic Reviews, 13, 2 (2019), 1-174 [C.M. Begley, G.M.L. Gyte, D. Devane, W. McGuire, A. Weeks, L.M. Biesty]

'Labour characteristics of women achieving successful vaginal birth after caesarean section in three European countries', Midwifery, 74 (2019), 36-43 [S. Grylka-Baeschlin, M. Clarke, C. Begley (…), G. Savage, M. Gross]


'Stop, think, reflect, realise - first-time mothers' views on taking part in longitudinal maternal health research', Health Expectations, 22, 3 (2019), 415-425 [D. Daly, M. Carroll, M. Barros, C. Begley]


'Preference of birth mode and postnatal health related quality of life after one previous caesarean section in three European countries', Midwifery, 79 (2019), 1-8 [M. Fobelets, K. Beeckman, R. Buyl (…), C. Begley, K. Putman]


Brady, Vivienne, 'Motivators and challenges to research recruitment - a qualitative study with midwives', *Midwifery*, 74 (2019), 14-20 [D. Daly, S. Hannon, V. Brady]


'Determining adolescents, parents and professionals' views concerning the educational needs of adolescents with type 1 diabetes and content preferences for short self-management videos and a question prompt sheet', *Archives of Disease in Childhood, 104*, Suppl 3 (2019), http://dx.doi.org/10.1136/archdischild-2019-epa.591 [I. Coyne, S. Pembroke, N. Lagoda, C. Hillard, D. Cody, E. Roche, M. Brenner]
Recent publications – Faculty of Health Sciences


'Family first', World of Irish Nursing, 27, 8 (2019), 48-49 [S. O’Connor, M. Brenner, I. Coyne]


Byrne, Gobnait, 'Contemporary considerations relating to health promotion and older people', British Journal of Nursing, 28, 21 (2019), 1414-1419 [L. Daly, G. Byrne, B. Keogh]


Calendar 2020-21
Recent publications – Faculty of Health Sciences


"Debt on me head": a qualitative study of the experience of teenage cannabis users in treatment', *Journal of Addictions Nursing*, 30, 3 (2019), 211-218 [P. James, C. Comiskey, B. Smyth]


'Journeying with fear: young people’s experiences of cannabis use, crime and violence before treatment entry', *Journal of Child and Adolescent Psychiatric Nursing* (2020), 1-6 [C. Comiskey, P. James, B. Smyth]

**Corry, Margarita**, 'Telephone interventions, delivered by healthcare professionals for providing education and psychosocial support for informal caregivers of adults with diagnosed illnesses', *Cochrane Database of Systematic Reviews*, 5 (2019), DOI: 10.1002/14651858.CD012533 [M. Corry, K. Neenan, S. Brabyn, G. Sheaf, V. Smith]

**Coyne, Imelda**, 'The experiences of youth who identify as trans* in relation to health and social care needs', *Youth and Society*, 51, 6 (2019), 840-864 [E. McCann, B. Keogh, L. Doyle, I. Coyne]


'Health care transition for adolescents and young adults with long-term conditions: qualitative study of patients, parents and healthcare professionals’ experiences', *Journal of Clinical Nursing*, 28 (2019), 4062-4076 [I. Coyne, A. Sheehan, E. Heery, A. While]


**Cronin, Patricia**, 'Limited evidence exists on the effectiveness of education and training interventions on trial recruitment; a systematic review', *Journal of Clinical Epidemiology*, 113 (2019), 75-82 [H. Delaney, D. Devane, M. Hennessy, A. Parker, L. Murphy, P. Cronin, V. Smith]


Recent publications – Faculty of Health Sciences


'Motivators and challenges to research recruitment - a qualitative study with midwives', *Midwifery* (2019), https://doi.org/10.1016/j.midw.2019.03.011 [D. Daly, S. Hannon, V. Brady]


'Contemporary considerations relating to health promotion and older people', *British Journal of Nursing*, 28, 21 (2019), 1414-1419 [L. Daly, G. Byrne, B. Keogh]

De Vries, Jan, 'A qualitative exploration of breastfeeding support groups in Ireland from the women’s perspectives', *Midwifery*, 78 (2019), 71-77 [E. McCarthy Quinn, L. Gallagher, J. de Vries]


Dinsmore, John, 'Are there differences in factors influencing access and continued use of assistive products for people with intellectual disabilities living in group homes?', *Disability and Rehabilitation: Assistive Technology* (2019), 1-10 [F.H. Boot, M. MacLachan, J. Dinsmore]

'Supporting older people with multimorbidity: the care burden of home health-care assistants in Ireland', *Home Health Care Services Quarterly* (2019), 1-15 [S. Smith, E. Murphy, C. Hannigan, J. Dinsmore, J. Doyle]

Calendar 2020-21
Recent publications – Faculty of Health Sciences


Donohue, Grainne, ‘Sexuality and intimacy among people with serious mental illness in hospital and community settings: a qualitative systematic review protocol’, JBI Database of Systematic Reviews and Implementation, 16, 2 (2018), 324-327 [E. McCann; G. Donohue; J. de Jager; J. van Os; A. Nugter; J. Stewart; J. Eustace-Cook]


‘Experiences and perceptions of emergency department nurses regarding people who present with mental health issues: a systematic review protocol’, JBI Database of Systematic Reviews and Implementation Reports, 17, 9 (2019), 1877-1882 [M.B. Quirke, G. Prizeman, G. Donohue, P. White, E. McCann]


‘Exploring mental health issues through the use of blogs: a scoping review of the research evidence’, Issues in Mental Health Nursing, 41 (2020), 296-305 [E. Murphy, G. Donohue, E. McCann]


‘Trisomy 13 (Patau syndrome)’, Learning Disability Practice, 22, 1 (2019), 16 [S. Fleming, C. Doyle]


Recent publications – Faculty of Health Sciences

'The administration of pro re nata medication by mental health nurses: a thematic analysis', *Issues in Mental Health Nursing.*, 40, 6 (2019), 511-517 [M. Jimu, L. Doyle]

'There is no progression in prevention' - the experiences of mental health nurses working with repeated self-harm', *International Journal of Mental Health Nursing*, 28, 5 (2019), 1142-1151 [C. Murphy, B. Keogh, L. Doyle]


'The lived experience of adults with a borderline personality disorder diagnosis: a systematic review of qualitative evidence protocol', *JBI Database of Systematic Reviews and Implementation Reports*, 17 (2019), 1-9 [T. McDonagh, A. Higgins, J. Archer, E. Galavan, G. Sheaf, L. Doyle]


'Disclosure strategies in adults with epilepsy when telling, "I have epilepsy": the how2tell study', *Epilepsia*, 60, 10 (2019), 2048-2059 [N. Elliott, S. Pembroke, M. Quirke, N. Pender, A. Higgins]

'Factors influencing the implementation of epilepsy specialist nurse role: using the consolidation framework for implementation research', *Journal of Clinical Nursing* (2020), 1-13 [A. Higgins, R. Murphy, C. Downes, J. Varley, C. Begley, N. Elliott]


'Disclosure strategies in adults with epilepsy when telling, "I have epilepsy": the how2tell study', *Epilepsia*, 60, 10 (2019), 2048-2059 [N. Elliott, S. Pembroke, M. Quirke, N. Pender, A. Higgins]


'Sexuality and intimacy', *Textbook of Palliative Care*, eds R. MacLeod, L. van den Block, Cham, Springer (2019), 1-21 [A. Higgins, G. Hynes]


'Factors influencing the implementation of epilepsy specialist nurse role: using the consolidation framework for implementation research', *Journal of Clinical Nursing* (2020), 1-13 [A. Higgins, R. Murphy, C. Downes, J. Varley, C. Begley, N. Elliott]


'Meeting the needs of people who identify as LGBTQ in palliative care settings', *Journal of Hospice and Palliative Nursing*, 21, 4 (2019), 286-290 [A. Higgins, G. Hynes]

'The lived experience of adults with a borderline personality disorder diagnosis: a systematic review protocol', *JBI Database of Systematic Reviews and Implementation Reports*, 17 (2019), 1-9 [T. McDonagh, A. Higgins, J. Archer, E. Galavan, G. Sheaf, L. Doyle]


Recent publications – Faculty of Health Sciences


'I found it daunting' an exploration of educational needs and experiences of mental health student nurses working with children and adolescents with eating disorders', *Journal of Psychiatric and Mental Health Nursing* (2020), http://dx.doi.org/10.1111/JPM.12619 [A. Farrington, S. Huntley-Moore, G. Donohue]


"There is no progression in prevention' - the experiences of mental health nurses working with repeated self-harm', *International Journal of Mental Health Nursing*, 28, 5 (2019), 1142-1151 [C. Murphy, B. Keogh, L. Doyle]

'Contemporary considerations relating to health promotion and older people', *British Journal of Nursing*, 28, 21 (2019), 1414-1419 [L. Daly, G. Byrne, B. Keogh]
Recent publications – Faculty of Health Sciences


Louw, Julia, 'Efficacy of parent training incorporated in behavioral sleep interventions for children with autism spectrum disorder and/or intellectual disabilities: a systematic review', Sleep Medicine, 53 (2019), 141-152 [B. Kirkpatrick, J. Louw, G. Leader]


McCann, Edward, 'Experiences and perceptions of emergency department nurses regarding people who present with mental health issues: a systematic review protocol', JBI Database of Systematic Reviews and Implementation Reports, 17, 9 (2019), 1877-1882 [M.B. Quirke, G. Prizeman, G. Donohue, P. White, E. McCann]


McCann, Edward, 'Education and practice developments: addressing the psychosocial concerns and support needs of LGBTQ+ people', Nurse Education Today, 82 (2019), 15-20 [E. McCann, M. Brown]


McCann, Edward, 'Psychosocial needs of bisexual people: findings from a mixed-methods research study', Issues in Mental Health Nursing (2020), http://hdl.handle.net/2262/91310 [E. McCann, M. Brown]

McCann, Edward, 'Exploring mental health issues through the use of blogs: a scoping review of the research evidence', Issues in Mental Health Nursing, 41 (2020), 296-305 [E. Murphy, G. Donohue, E. McCann]

Recent publications – Faculty of Health Sciences


'The views and experiences of lesbians regarding their mental health needs and concerns: qualitative findings from a mixed-methods study', *Perspectives in Psychiatric Care* (2020), http://hdl.handle.net/2262/91778 [E. McCann, M. Brown]

McCann, Margaret, 'The "MiKidney" smartphone app pilot study: empowering patients with chronic kidney disease', *Journal of Renal Care*, 45, 3 (2019), 133-140 [N. Doyle, M. Murphy, L. Brennan, A. Waugh, M. McCann, G. Prizeman, G. Mellotte]


*Understanding and working with the person affected with an eating disorder developing skills and facilitating recovery*, 1st, UK, Red Globe Press (2019), 1-215 [J. Morrissey, K. Oberlin]


Recent publications – Faculty of Health Sciences


Recent publications – Faculty of Health Sciences


'Historical institutional child abuse in Ireland: survivor perspectives on taking part in the Commission to Inquire into Child Abuse (CICA) and the redress scheme', *Contemporary Justice Review*, 22, 1 (2019), 43-59 [S. Pembroke]

Prizeman, Geraldine, 'Experiences and perceptions of emergency department nurses regarding people who present with mental health issues: a systematic review protocol', *JBI Database of Systematic Reviews and Implementation Reports*, 17, 9 (2019), 1877-1882 [M.B. Quirke, G. Prizeman, G. Donohue, P. White, E. McCann]

'Youths with asthma and their experiences of self-management education: a qualitative systematic review protocol', *JBI Database of Systematic Reviews and Implementation Reports*, 17, 5 (2019), 675–681 [K. McTague; G. Prizeman; S. Shelley; J. Eustace-Cook; E. McCann]


'Experiences and perceptions of emergency department nurses regarding people who present with mental health issues: a systematic review protocol', *JBI Database of Systematic Reviews and Implementation Reports*, 17, 9 (2019), 1877-1882 [M.B. Quirke, G. Prizeman, G. Donohue, P. White, E. McCann]

'Disclosure strategies in adults with epilepsy when telling, "I have epilepsy": the how2tell study', *Epilepsia* (2019), 10.1111/epi.16338 [N. Elliott, S. Pembroke, M. Quirke, N. Pender, A. Higgins]

'Patients' experiences of living with multiple myeloma', *British Journal of Nursing*, 29, 2 (2020), 103-110 [C. Horgan-Cuffe, M.B. Quirke, C. McCabe]


Smith, Valerie, 'Process evaluation for OptiBIRTH, a randomised controlled trial of a complex intervention designed to increase rates of vaginal birth after caesarean section', *Trials*, 19, 9 (2018), 1-10 [P. Healy, V. Smith, G. Savage (...), M. Carroll, C. Begley]


'Limited evidence exists on the effectiveness of education and training interventions on trial recruitment; a systematic review', *Journal of Clinical Epidemiology*, 113 (2019), 75-82 [H. Delaney, D. Devane, M. Hennessy, A. Parker, L. Murphy, P. Cronin, V. Smith]

'Choosing important health outcomes for comparative effectiveness research: 4th annual update to a systematic review of core outcome sets for research', *PLoS ONE*, 13, 12 (2018), e0209869. [E. Gargon, S.L. Gorst, N.L. Harman, V. Smith, K. Matvienko-Sikar, P.R. Williamson]


'The contribution of nursing doctoral schools to the development of evidence 10 years after their establishment in Italy: an exploratory descriptive survey of former and current doctoral students-publications’, *Nursing Open*, 6, 3 (2019), 745-753 [L. Sasso, R. Watson, M. Barisone (…), F. Timmins *et al.*]


'Mind the gap: The need for future proofing of nursing in the Republic of Ireland to secure the educators and researchers of the next generation', *Journal of Nursing Management*, 27, 5 (2019), 869-870 [B. O'Brien, M. Graham, F. Timmins]


'The development of nursing research ten years after the establishment of PhD Schools of Nursing in Italy [Lo sviluppo della ricerca infermieristica in Italia a dieci anni dall'istituzione delle scuole dottorali]’, *Professioni infermieristiche*, 72, 3 (2019), 165-170 [A. Bagnasco, R. Watson, M. Barisone (…), F. Timmins *et al.*]


White, Patricia, 'Experiences and perceptions of emergency department nurses regarding people who present with mental health issues: a systematic review protocol', *JBI Database of Systematic Reviews and Implementation Reports*, 17, 9 (2019), 1877-1882 [M.B. Quirke, G. Prizeman, G. Donohue, P. White, E. McCann]

School of Pharmacy and Pharmaceutical Sciences


'In vitro activity of essential oils against adult and immature stages of *Ctenocephalides felis felis*', *Parasitology* (2019), http://dx.doi.org/10.1017/S0031182019001641 [J.V. Barbosa Dos Santos, D.S.D.A. Chaves, M.A.A.D. Souza (…), F. Boylan et al.]


Recent publications – Faculty of Health Sciences


'A gut instinct for kynurenic acid', Brain, Behavior, and Immunity, 79 (2019), 16-17 [A. Harkin]


Recent publications – Faculty of Health Sciences


'Multifocal primary uveal melanoma: clinical and molecular characteristics', Ocular Oncology and Pathology, 5, 1 (2019), 8-12 [J.J. Echegaray, C.A. Medina, C.V. Biscotti, T. Plessec, A.D. Singh]


Recent publications – Faculty of Health Sciences


**Roche, Cicely**, 'Codes of conduct/ ethics in pharmacy practice', *Encyclopedia of pharmacy practice and clinical pharmacy*, eds Zaheer-Ud-Din Babar, Z. Austin, United Kingdom, Elsevier (2019), 1-29 [C. Roche]


Recent publications – Faculty of Health Sciences


'Fluoroquinolone amorphous polymeric salts and dispersions for veterinary uses', *Pharmaceutics*, 11, 6 (2019), E268 [H. Mesallati, A. Umerska, L. Tajber]


