



OCT 2021, ISSUE 3

SPHPSS IN FOCUS

A quarterly newsletter from the UCD School of Public Health,
Physiotherapy and Sports Science



WELCOME MESSAGE

Welcome to the third and final issue of 2021 of our school newsletter SPHPSS in Focus. We hope you enjoyed a break over the summer and have started the new academic year and return to campus with refreshed energy. It has been a busy time and thanks to all of our contributors and the writing team this issue is once again packed full of news and updates on research, teaching and our latest activities and achievements.

Congratulations are in order to Dr Ross Neville, Professor Catherine Blake, the SAT and all involved on the successful Athena SWAN Bronze award. We look forward to implementation of the Athena SWAN Gender Equality Action Plan. Well done also to recent PhD graduates Dr Daniela Bossard and Dr Fionn Büttner, we wish you every success.

Since our last issue there have been several new starters in the SPHPSS including Dr Amara Nasser, Cheyenne Downey, Joseph Lavelle, Jennifer Caffrey and Dr Niamh McGrath. We extend a warm welcome to you all and hope to meet you in person soon.

As always we hope you enjoy reading this issue and encourage you to circulate SPHPSS in Focus among your colleagues and networks.

Dr Catherine Phillips
Editor of SPHPSS in Focus

WHAT'S INSIDE THIS ISSUE:

- School and Division News
- Research Highlights
- Achievements and Awards
- Teaching and Learning Updates
- Healthy UCD events
- School Committee Updates
- New Appointments
- Recent Publications

CORE TEACHING PROGRAMMES

- [BSc Health and Performance Science](#)
- [BSc Physiotherapy](#)
- [BSc Sport and Exercise Management](#)
- [H Dip in Safety, Health and Well-Being at Work](#)
- [Cert. in Safety and Health at Work](#)
- [MPH](#)
- [MPH \(Nutrition\)](#)
- [MPH \(International Health\)](#)
- [MSc Clinical Nutrition and Dietetics](#)
- [MSc Occupational Safety and Health](#)
- [MSc Advanced Physiotherapy Studies](#)
- [Prof Master of Physiotherapy](#)
- [MSc Coaching Science in Sport](#)
- [MSc Sports Management](#)

Athena Swan Award Success

Following submission of the SPHPSS Athena Swan application at the end of June 2021 the School has been awarded the Athena SWAN Bronze Award. Congratulations to Assistant Professor and Associate Dean for Equality, Diversity and Inclusion, Dr Ross Neville who co-chaired the application with Professor Catherine Blake. Thanks also to the SAT and everyone involved.



This award is one of many school level targets outlined in the University level UCD Gender Equality Action Plan 2020-2024, overseen by the University Gender Equality Action Group, which is committed to gender equality for staff and students. This award recognises the School's strong commitment to gender equality and their reflection on how the School can create a more inclusive place of learning, research and work for all to advance in the discipline.



From L-R Asst Prof Cailbhe Doherty, Asst Prof Olive Lennon, Prof Anne Drummond, Aileen Ward, Asst Prof Ross Neville, David O'Dwyer, Prof Catherine Blake, Prof Colin Boreham, Asst Prof Clare Reynolds, Giampiero Tarantino, Assoc Prof James Matthews and Jacqueline Boyd. EDI committee members missing from the photo include Karen Ryan, Asst Prof Catherine Phillips and Ciara Duignan.

Catherine, Ross and the EDI committee look forward to working with the whole school on the implementation of the Athena SWAN Gender Equality Action Plan.

To celebrate our shared success and to signal to our wider community of external stakeholders, prospective students and staff that we are committed to enacting gender equality within the School, we plan to include the Athena Swan logo in our email signatures and invite you all to do the same.

Funding awarded for Teaching & Learning Projects



As UCD begins to implement its *Rising to the Future* strategy and allied Education Strategy, planning for the future based on what we are learning from the COVID-19 context, our commitment to digital transformation and providing for increasing domestic and international students, there is a significant policy gap with reference to the formalised provision of academic advice to our undergraduate and taught graduate students.

The need for such a policy is to ensure that all students are provided with high-quality academic support and advice through a proactive academic partnership with mutual expectations of faculty and students. At the request of the Registrar/Deputy President a university-wide working group has been established, under the Chair of Professor Marie Clarke, to inform university-wide policy on academic advising.

The initiative has a number of work strands; one of these strands is focused on piloting different approaches to academic advising across the University. As part of this initiative, 17 pilot projects from across all Colleges received funding after a very competitive process. The SPHPSS has had two projects funded through this process. Congratulations to both groups on achieving this funding.

Toolkit for Impactful Lifelong Learning in the 21st Century

Dr Conor Buggy, Dr Caitriona Cunningham and Prof Eleni Theodoraki

TESLAA: TEchnology supported Student Learning and development through Appreciative Advising

Dr Denise McGrath, Dr Ciara Duignan, Dr Aifric O'Sullivan, Dr David Coyle, Gráinne Bannigan and Assoc Prof James Matthews

UCD Global Engagement Seed Funding Grant

This summer, Dr Cliona O'Sullivan was successful in the UCD Global Engagement Seed Funding call for a project called 'Learning Partnerships for Global Health'; the specific goal of which is to co-design and develop high quality and inclusive online collaborative learning toolkits relating to Rehabilitation for Non-Communicable Disease. Their partner institution is Mbarara University of Science and Technology, (MUST), Uganda. The official university partnership was first made possible in 2016 via UCDVO networks and supported with seed funding from the Irish Forum for Global Health.



Irish Aid Fellowship Programme



The Irish Aid Fellowship programme enables students from developing countries to undertake full-time study at master's level at an Irish higher-level institution, with a focus on courses that are relevant to Irish Aid's development objectives. This year the MSc Advanced Physiotherapy Studies joins the Masters in Public Health (MPH) programme as an eligible programme for the Irish Aid Fellowship Scheme. More than 2,000 students have studied in Ireland over the past 45 years as part of this programme. UCD has hosted more Irish aid fellows than any other institute over the last 15 years, totaling more than 300 alumni.

Evidence Synthesis Ireland Fellowship

Assistant Professor, Dr Clare Reynolds, was recently awarded an Evidence Synthesis Ireland fellowship with Professor Robert Boyle (Cochrane Skin / Imperial College London) to conduct a network meta-analysis on anti-inflammatory treatments for atopic eczema.



EVIDENCE SYNTHESIS
IRELAND

The aim of this review is to systematically review and meta-analyse existing clinical trial evidence on the effectiveness and safety of different topical anti-inflammatory treatments for eczema. This review will use network meta-analysis in order to indirectly compare the effectiveness and safety of different classes of topical anti-inflammatory treatments. The review commenced in August of this year and is expected to run for 22 months. More information can be found at:

<https://evidencesynthesisireland.ie/fellowships/esi-appointed-fellows/>



Healthy UCD Annual Report



The annual report from Healthy UCD, chaired by Professor Patricia Fitzpatrick, was published in August and details a new strategy to be developed over the next 5 years, which will be guided by national policy, including Healthy Ireland and the Healthy Campus Framework, and local identified needs. The report in particular recognised the challenge of maintaining and building on progress made towards a healthy university in a period where activity on campus was severely curtailed during the COVID-19 pandemic. Significant work was carried out by the Healthy UCD Steering Committee to ensure that a wide range of engaging activities in the areas of healthy eating, physical activity and mental wellbeing continue to be provided to the UCD community. The annual report is available at: <https://www.ucd.ie/healthyuclid/t4media/HealthyUCDAnnualReportYr5.pdf>

SPHPSS IN THE OLYMPICS

The 2020 Tokyo Olympics saw the largest cohort of UCD Ad Astra alumni and students competing for Ireland across a number of events, including rugby 7's, rowing, hockey, swimming and sailing. Of the 21 athletes who qualified, five of these athletes were either alumni or a student of physiotherapy.

Fintan Ryan, Stage 1 Physiotherapy, Track Cycling



Fintan joined the Irish track cycling team as a reserve Madison for the 2020 Olympics. This year not only saw Fintan join his first Olympic team, but also, he joined the UCI Continental team EvoPro earlier this year. On the track, he previously competed for Ireland at Europeans in 2015 (Team Pursuit) and 2016 (Elimination event). Among his road titles, Fintan has the National Junior Road Race Champion (2013) and Irish Senior Criterium Champion (2019).

Paul O'Donovan, Graduated 2017, Rowing



The 2020 Olympics saw Paul's second time on the Olympic podium competing for Ireland in the Lightweight Men's Double Sculls. As a four-time world champion and five time European champion, Paul claimed gold at this year's Olympics with his teammate Fintan McCarthy. He previously brought home a silver medal from the 2016 Olympics in Rio alongside his brother and teammate, Gary.

Sarah Lavin, Graduated 2018, 100m Hurdles



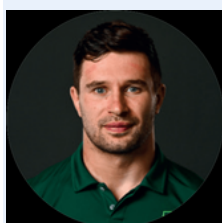
For her first Olympics, this high hurdle specialist represented Ireland in the 100m hurdles. Despite several injury setbacks in the year prior to the Games, the former European junior silver medalist (2013) had an impressive build up to the Olympics. She set six 60 hurdle PBs prior to the European Indoor Championships and recorded an outstanding PB for the 100m in Madrid in June of 12.95 secs just weeks prior to the Games, making her only the second Irish woman to break 13 seconds for the 100m. Although Sarah matched her second fastest time during the Olympic Heats of 13.16 seconds, she unfortunately finished 7th place and missed out on competing at the semi-finals.

Ciara Mageean, Graduated 2017, Athletics 1500m



As a two-time European champion (2016, 2019), the Irish indoor 1500m record holder, the first Irishwoman to break two minutes for 800m, the second Irish woman to reach a World Championship final and a Rio 2016 semi-finalist, Ciara was a strong contender entering Tokyo 2020. Despite clocking an impressive time of 4:02:48 a few weeks prior to the Games in Monaco, after tearing her calf in training 8 days prior to the Olympic Heats, Ciara unfortunately placed 11th in her heats (finishing time of 4:07:29).

Foster Horan, Graduated 2019, Rugby 7's

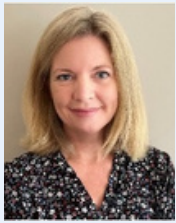


Foster is one of the team's five so-called 'originals' who have been involved since Ireland's first Sevens squad was inaugurated in 2015. He has 11 caps for Ireland and served as the prop for the first ever Irish Rugby 7's team to qualify for the Olympics. The team were unfortunately beaten by Kenya in the group stages and finished 10th overall in the tournament.

Mark English, Studied Physiotherapy for 1 year, Graduated 2018 from Medicine, Athletics 800m



For the second consecutive Olympics, Mark represented team Ireland in the 800m race. Just weeks prior to the Games, this three-time European medalist and Rio 2016 semi-finalist became the Irish senior 800m record holder after breaking a record that had stood for 26 years with a time of 1:44:71. Unfortunately, despite clocking an impressive 1:46:75 in his heat (finishing in 4th position), Mark was just outside the top-three finish needed to progress to the semi-finals.



Projects, Marketing and Engagement Manager

The school is delighted to welcome Jenny Caffrey as Projects, Marketing and Engagement Manager. Jenny graduated from UCD with a BComm and MBS (Marketing) and has held a broad range of marketing and product management roles at a senior level in both Ireland and Australia. She joined the UCD School of Veterinary Medicine in May 2018 to help draft the School's submission for the Athena SWAN Bronze award and deliver the initiatives identified in its Athena SWAN Action Plan. In her new role, working with staff across SPHPSS, Jenny will lead the development of a communications strategy for the School and will guide marketing and promotion of all School activities including undergraduate and graduate programmes, summer schools, courses, conferences and research programmes nationally and internationally.

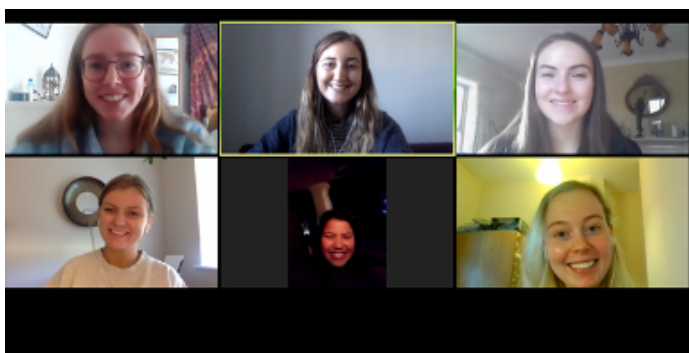


Postdoctoral Research Fellow

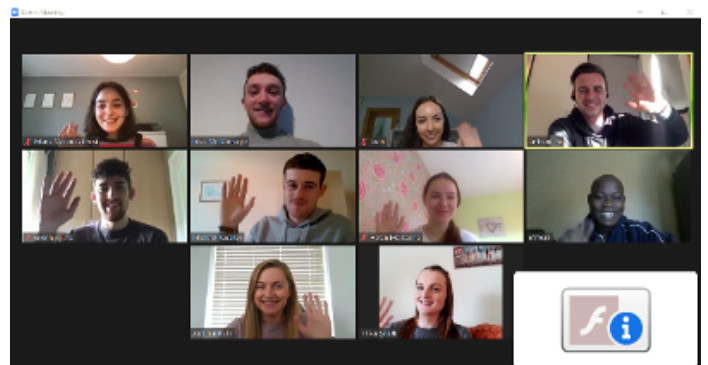
Niamh McGrath joined the School in October to work on the EndObesity Project, under the supervision of Dr Catherine Phillips. Niamh graduated from UCC with a Master of Applied Psychology (Mental Health) in 2016, was awarded the Ruth Curtis Early Care Researcher and Practitioner Award from the Psychological Society of Ireland, Division of Health Psychology in 2020 and completed her the SPHeRE Programme (Structured Population Health and Health-Services Research Education) PhD training at the School of Public Health, UCC in 2021. Her PhD research focused on distress and depression among people with type 2 diabetes. Niamh is interested in intervention development and evaluation, implementation science and behaviour change research in the areas of maternal health during pregnancy, childhood obesity and diabetes.

UCD Volunteers Overseas

For the second year in a row, six SPHPSS students from Dietetics and Physiotherapy participated in a virtual volunteering project with UCD Volunteers Overseas with partners in Uganda and India. We are grateful to the Nutrition, Dietetics and Physiotherapy clinical tutors who volunteered their time to support our students during the project; Carla Smuts, Aoibheann Kelly, Jillian Smyth, Naomi O'Reilly, Emma McCarthy. More information about the UCDVO virtual volunteering projects can be found here: <https://www.ideaonline.ie/ucdvo-case-study>.



Team photo, Ferrando Speech and Hearing Centre, India



Team photo, Nurture Africa, Uganda

Associate Editor Appointment

Assistant Professor Dr Clare Reynolds has been appointed associate editor (in the Nutrition and Metabolism section) for Frontiers in Nutrition, which has a current impact factor of 6.57. Frontiers in Nutrition is a leading nutrition journal that aims to integrate major scientific disciplines in the vast nutrition field to address the most relevant and pertinent questions and developments.





Equality, Diversity and Inclusion news

Associate Professor Cairtriona Cunningham has been appointed as one of seventeen University for ALL Faculty partners across UCD. This Faculty Partnership Programme is designed to support and accelerate the implementation of Universal Design for Learning (UDL) throughout the University.

Additionally, six SPHPSS staff members, alongside staff from multiple HEIs across Ireland, are currently undertaking their Digital Badge for Universal Design in Teaching and Learning. This digital badge is awarded by the National Forum for the Enhancement of Teaching and Learning and the education programme is co-led by UCD in collaboration with the Association for Higher Education Access & Disability (AHEAD). All staff engaged in teaching activity are encouraged to sign up to take this digital badge with the next programme running in Spring 2021.



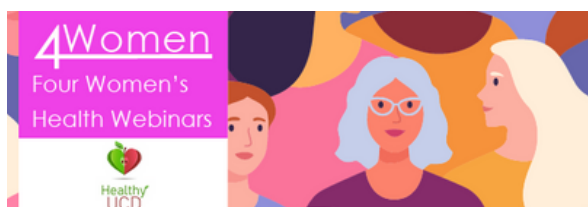
European guidelines on breast cancer screening and diagnosis

Professor Patricia Fitzpatrick, full professor of epidemiology and biomedical statistics, is a continuing member on the Guidelines Development Group of the European Commission Initiative on Breast Cancer (ECIBC) which works on developing new guidelines for breast screening. Currently they are reviewing and updating guidelines where very new evidence has emerged.



The guidelines present the latest evidence available in the form of recommendations and good practice statements intended to optimise patient care. The recommendations contained in the guidelines primarily address women at average risk of breast cancer without increased risk due to genetic predisposition (mutations in BRCA1 and BRCA2), reproductive history or race and ethnicity. They also inform decision-making for women who are recalled for suspicious lesions or women with high breast density. More information can be found at: <https://healthcare-quality.jrc.ec.europa.eu/ecibc/european-breast-cancer-guidelines>.

4 Women Health Webinars



Healthy UCD and Culture & Engagement have teamed-up to organise 4 topical health webinars especially for women, with follow up webinars planned for men also. This programme for employees, held over Zoom, will be hosted by an expert in the subject area and followed by a Q&A session.

Webinar topics include bone health across the lifespan, chaired by Assoc. Prof. Cairtriona Cunningham will explain why looking after bone health is critical to build bone and slow down bone loss across the lifespan for both women and men. Osteoporosis is however more prevalent in women with an associated greater risk of fragility fracture. A webinar on the 8 signs and symptoms of breast cancer will also be available, run by Olivia Carpenter, Breast Cancer Ireland Outreach Coordinator and Patient Ambassador. The 4th of November will see a webinar on HPV and cancer hosted by Professor Patricia Fitzpatrick who will provide an update on the role of HPV in cancer development in women and men, the HPV vaccination programme for girls and boys and the potential for cancer elimination. More information on these upcoming webinars including details on registering can be found at <https://www.ucd.ie/engage/engagement/currentevents/4women/>.

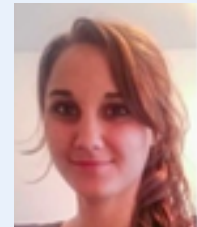


PERSiST guidance for Exercise, Rehabilitation, Sport medicine and Sports science

Professor Eamonn Delahunt recently authored/co-authored his 25th peer-reviewed article in the British Journal of Sports Medicine, which is the number 1 ranked journal in the Sport Sciences section of the Journal Citation Reports. The BJSM has an impact factor of 13.8. The article is titled: Implementing the 27 PRISMA 2020 Statement items for systematic reviews in the sport and exercise medicine, musculoskeletal rehabilitation and sports science fields: the PERSiST (implementing Prisma in Exercise, Rehabilitation, Sport medicine and Sports science) guidance. This article aims to educate those in sport and exercise medicine, musculoskeletal rehabilitation and sports science fields on better systematic review reporting and allow reviewers and editors to accurately judge the quality of a systematic review. This article can be viewed [here](#).

Graduating PhD students

Congratulations to Dr Daniela Bossard and Dr Fionn Büttner for graduating this September. Both Dr Bossard and Dr Büttner have been supervised by Professor Eamon Delahunt and Dr Cailbhe Doherty. The title of Dr Bossard's thesis is: Progressive exercise series for patients with CAI. The title of Dr Büttner's thesis is: Clinical recovery of amateur athletes who present to the emergency department within one-week following sport-related concussion: a one-year prospective, matched-cohort study. We wish them both the best of luck going forward!



UCD professor to visit one of Germany's top 10 universities

Dr Ditroilo, Assistant Professor in Sport and Exercise Science in UCD and programme director of the UCD MSc Coaching Science in Sport, has been invited to visit [Friedrich-Alexander University Erlangen-Nürnberg](#), one of the top 10 universities in Germany, during the month of October 2021. Massimiliano has been appointed visiting professor, with funding provided, by the Bavarian State Ministry of Science and the Arts.

This appointment will facilitate collaboration with Dr Alessandro Del Vecchio, who shares an interest in neuromuscular function in ageing and sport performance. This visiting professorship will see Dr Ditroilo delivering classes to local BSc and MSc students.



Centre for Food Safety Visiting PhD Student



Selene Rubiola is a Doctor of Veterinary Medicine and PhD student in Food Safety at the Department of Veterinary Sciences, University of Turin (Italy). She completed her bioinformatics training experience at the Centre for Food Safety, UCD as part of her postgraduate and international PhD training. Selene's research focused on the analysis of shotgun metagenomic data obtained from bulk tank milk filters from different farms, with the aim of describing the microbiome, resistome and mobilome of raw milk. Her work addresses the antimicrobial resistance threat through a next-generation and one health approach considering human, animal, and environmental reservoirs. Selene will submit her thesis by the end of the year and will graduate in the first half of 2022.



Teach, Learn & Lunch Online Seminars

The inaugural lunchtime seminar took place on Friday, 1st October with excellent talks by Karen Ryan, Educational Technologist, on developing and running quizzes in Brightspace, and Dr Sarah Browne on peerScholar as an effective tool for peer assessment among dietetic students.

The next seminar takes place on Friday, 12th November at 1pm with Dr Denise McGrath discussing the use of groups to promote effective learning, and Dr Sharlene O'Reilly, School of Agriculture and Food Science sharing her experience of using technology to engage and support students in the learning process.

Invited speaker at International Colorectal Disease Conference

Professor Patricia Fitzpatrick was invited to speak at the 12th International Colorectal Disease conference "Women's Health and Colorectal Disease" in St Vincent's University Hospital on the 10th of September 2021 and presented on the topic of HPV and cancer.

In addition, Patricia was an invited speaker at the British Society of Cytology and Cervical Pathology Basic Colposcopy Course at the National Maternity Hospital, Holles St on the 8th October 2021, where she gave a presentation on strategies for prevention of cervical cancer.



The National Maternity Hospital
Vita Gloriosa Vita ~ Life Glorious Life

Institute of Biomedical Science President's Prize



Fionn Sheridan has been awarded the Institute of Biomedical Science (IBMS) President's Prize for his excellent final year project thesis on the *Molecular and Phenotypic Investigations to Assess Risk to Human Health associated with a Collection of Pseudomonas Aeruginosa of Clinical origin*. The study, which was completed at the Centre for Food Safety, SPHPSS, UCD during Summer 2021, involved the assessment of antimicrobial susceptibility, biofilm formation and the detection of genomic features through the use of whole-genome sequencing and pan-genome analysis. Each year the prize is awarded to those who achieve academic distinction graduating from an IBM-accredited BSc. Hons programme. Fionn has been recently appointed as a biomedical scientist at the Department of Microbiology at the St Vincent's University Hospital following the completion of his BSc in Biomedical Science. Good luck Fionn with your future career!

Community engagement news

Dr Kirstie McAdoo, Head of Education and Research in Airfield Estate and Associate Professor Clare Corish submitted a case study to the Royal Irish Academy which was included in their symposium on '*Better together: knowledge co-production for a sustainable society*' and workshop on '*Scaling research impact for sustainability through co-production of knowledge*' which were held on June 3rd 2021. The focus was on academic-non-academic partnerships and how together, they can contribute to asking and answering meaningful research questions which meet a local and national need.





JOURNAL SPECIAL ISSUES

Professor Séamus Fanning and Dr. Guerrino Macori from the Centre for Food Safety have been invited to co-guest edit two special issues: "[Novel Research on Microbial Communities in the Food Chain](#)" for publication in *Applied Sciences*, and "[Detecting and tracking zoonotic bacteria using non-culture-based methods](#)" for publication in *Foodborne Pathogens and Disease*. Both special issues are open for submission until 15 February 2022. Topics of interest include, but are not limited to:

- Advanced technologies to mitigate food safety risks.
- Linking Next Generation Sequencing (NGS)-based methods with risk assessment for food safety.
- Metagenomics and assessment of risk to human health.
- Metatranscriptomics and the active food environment.

Research, Impact and Innovation Committee

The Research, Innovation and Impact Committee are in the process of establishing a pilot of their Working Groups scheme and are looking for volunteers from across the school and for individuals at all levels and disciplines. The purpose of the groups will be three fold, firstly to enable networking and increased knowledge regarding the research which is currently ongoing within the school, secondly, to explore potential commonalities and collaborative/transdisciplinary opportunities within the group and thirdly, to discuss and consider developing a grant application, a paper, lecture series, or academic activity.

What are the working groups?

- Interdisciplinary groups of 6-8 researchers
- Includes researchers of all levels of seniority
- Work together under a Community of Practice Framework
- Aims to promote collegiality and networking activities within the school

Steps:

- 1) Nominate 'Research Champions' to lead the groups (senior members of staff)
- 2) Deputy will be identified in each group to coordinate
- 3) Identify a research activity (grant, review, seminar series etc.) to pursue as a group
- 4) The Research Innovation and Impact Committee will provide a 'roadmap' to aid discussion and promote research outcomes

If you are interested please contact clare.reynolds@ucd.ie for further details.

POSTGRADUATE RESEARCH STUDENT COMMITTEE

Seminar Series: Data Management

We are delighted to inform you that the PG Research Student Committee have organised a seminar about Data Management. Many of us will be dealing (or have dealt) with data collection and management during our research (survey, interviews etc.). This seminar and informal discussion group about the topic aims to enhance peer-to-peer researcher support.

The seminar will be held on the 5th of November from 10 to 11am, face-to-face in Lecture Hall SCH 1.13 (Science Hub, O'Brien Centre). Jenny O'Neill, from the James Joyce Library, will be presenting and answering all the questions about your data management in research that may arise. We hope to see you there!

RECENT PUBLICATIONS

Bourdichon F, Betts R, Dufour C, Fanning S, Farber J, McClure P, Stavropoulou DA, Wemmenhove E, Zwietering MH, Winkler A. Processing Environment Monitoring in Low Moisture Food Production Facilities. Are we looking for the right microorganisms?. *International Journal of Food Microbiology*. 2021 Aug 2;109351. <https://doi.org/10.1016/j.ijfoodmicro.2021.109351>

Brennan A, Browne S. Food Waste and Nutrition Quality in the Context of Public Health: A Scoping Review. *Int J Environ Res Public Health*. 2021 May;18(10):5379. [doi: 10.3390/ijerph18105379](https://doi.org/10.3390/ijerph18105379)

Brennan C, O'Donoghue G, Hall AM, Keogh A, Matthews J. A systematic review of the intervention characteristics, and behavior change theory and techniques used in mother-daughter interventions targeting physical activity. *Preventive Medicine*. 2021:106764. [doi: 10.1016/j.ypmed.2021.106764](https://doi.org/10.1016/j.ypmed.2021.106764)

Bridge-Comer PE, Vickers M, Morton-Jones J, Spada A, Rong J, Reynolds CM. Impact of maternal intake of acesulfame-k, on metabolic reproductive health outcomes in male and female mouse offspring. *Frontiers in Nutrition*. 2021 Oct 14.

Browne S, Geraghty A, & Corish, C (2021). Advances in knowledge of screening practices and their use in clinical practice to prevent malnutrition. *Proceedings of the Nutrition Society*, 1-16. [doi:10.1017/S0029665121003670](https://doi.org/10.1017/S0029665121003670)

Chao S, Corish CA, Keller H, Rasmussen H, Arensberg MB, Dwyer JT. Are you prepared for the decade of healthy aging 2020-2030? A panel summary from the academy of nutrition and dietetics 2020 food & nutrition conference & expo virtual event. *Nutrition Today*. 2021:183-92. [doi: 10.1097/NT.0000000000000492](https://doi.org/10.1097/NT.0000000000000492)

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Curran F, Blake C, Cunningham C, Perrotta C, van der Ploeg H, Matthews J, O'Donoghue G. Efficacy, characteristics, behavioural models and behaviour change strategies, of non-workplace interventions specifically targeting sedentary behaviour; a systematic review and meta-analysis of randomised control trials in healthy ambulatory adults. *PloS one*. 2021;16(9):e0256828. [doi: 10.1371/journal.pone.0256828](https://doi.org/10.1371/journal.pone.0256828)

Davis ME, Blake C, Perrotta C, Cunningham C and O'Donoghue G. Impact of different training modalities and intensities on cardiorespiratory fitness and anthropometry in women living with obesity: a systematic review and meta-analysis of randomised controlled trials. *Obesity*. 2021.

Flynn S, Millar S, Buckley C, Junker K, Phillips CM, Harrington J. Comparing non-invasive diabetes risk scores for detecting patients in clinical practice: a cross-sectional validation study. *HRB Open Res*. 2021, 4:70. [doi: 10.12688/hrbopenres.13254.1](https://doi.org/10.12688/hrbopenres.13254.1)

Jelenc M, Weiderpass E, Fitzpatrick P, Albrecht T. Developments in National Cancer Control Programmes in Europe - Results of the analysis of the survey on National Cancer Control Programmes in Europe. *Cancer Control*. (in press 2021)

Geraghty AA, Browne S, Reynolds CME, Kennelly S, Kelly L, McCallum K, McBean L, Clyne B, Bury G, Bradley C, McCullagh L, Bardon LA, Murrin C, Perrotta C, Gibney ER, Castro PD, Corish CA. Malnutrition: A Misunderstood Diagnosis by Primary Care Health Care Professionals and Community-Dwelling Older Adults in Ireland. *J Acad Nutr Diet*. 2021 Jul 1:S2212-2672(21)00346-4. [doi: 10.1016/j.jand.2021.05.021](https://doi.org/10.1016/j.jand.2021.05.021).

Hu Y, Fanning S, Nguyen SV, Wang W, Liu C, Cui X, Dong Y, Gan X, Xu J, Li F. Emergence of a *Salmonella enterica* serovar Typhimurium ST34 isolate, CFSA629, carrying a novel mcr-1.19 variant cultured from egg in China. *Journal of Antimicrobial Chemotherapy*. 2021 Jul;76(7):1776-85. <https://doi.org/10.1093/jac/dkab090>

RECENT PUBLICATIONS

Hu Y, Fanning S, Nguyen SV, Wang W, Liu C, Cui X, Dong Y, Gan X, Xu J, Li F. Emergence of a Salmonella enterica serovar Typhimurium ST34 isolate, CFSA629, carrying a novel mcr-1.19 variant cultured from egg in China. *Journal of Antimicrobial Chemotherapy*. 2021 Jul;76(7):1776-85. <https://doi.org/10.1093/jac/dkab090>

Killeen, S.L, Phillips, C.M, Delahunt, A, Yelverton, C.A, Shivappa, N, Hébert, J.R, Kennelly, M.A, Cronin, M, Mehegan, J. McAuliffe, F.M. Effect of an Antenatal Lifestyle Intervention on Dietary Inflammatory Index and Its Associations with Maternal and Fetal Outcomes: A Secondary Analysis of the PEARS Trial. *Nutrients* 2021, 13, 2798. <https://doi.org/10.3390/nu13082798>

Lecorguillé M, Teo S, Phillips CM. Maternal Dietary Quality and Dietary Inflammation Associations with Offspring Growth, Placental Development, and DNA Methylation. *Nutrients*. 2021 Sep 8;13(9):3130. [doi: 10.3390/nu13093130](https://doi.org/10.3390/nu13093130)

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RECENT PUBLICATIONS

O' Donovan B, Mooney T, Rimmer B, Fitzpatrick P, Flannelly G, Doherty L, Martin C, O'Leary J, O' Connor M, Sharp L. Advancing understanding of influences on cervical screening (non)-participation among younger and older women: A qualitative study using the Theoretical Domains Framework and COM-B model. *Health Expectations*. 2021 Sep 2. [doi: 10.1111/hex.13346](https://doi.org/10.1111/hex.13346).

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CONFERENCE PRESENTATIONS

The **Nutrition Society Irish Section Conference** was held online in June 2021 with Associate Professor Clare Corish presenting on the topic 'Advances in knowledge of screening practices and their use in clinical practice to prevent malnutrition'. A review paper on the topic has just been published in the Proceedings of the Nutrition Society: Browne, S., Geraghty, A., & Corish, C. (2021). Advances in knowledge of screening practices and their use in clinical practice to prevent malnutrition. Proceedings of the Nutrition Society, 1-16. [doi:10.1017/S0029665121003670](https://doi.org/10.1017/S0029665121003670). Three posters on the ONSPres Project were also presented at this conference.

The **6th International Conference on Higher Education Advances** (HEAd'21), online June 22-23, 2021 Heffernan M, Fitzpatrick P, Bermingham A, Neville R, Dervan N, Corish C, Murrin C, Mullins B, presented their work on "Novel implementation of experiential learning in health and wellbeing in a university setting": [DOI10.4995/head21.2021.13069](https://doi.org/10.4995/head21.2021.13069)

"Health promotion through E-Health: Challenges and Opportunities" health promotion conference, NUIG, 26 June 2021

Ni Eidhin G, Doherty K, Lyons A, Mattson A, Stynes S, Kelleher CC, Fitzpatrick P presented their research on "Stop Smoking Courses at St. Vincent's University Hospital – The experience of the move online."

CONFERENCE PRESENTATIONS

The Nutrition Society UK Summer conference was held online in July 2021 and hosted by the University of Southampton. PhD student Michelle Kearns presented in the early life nutrition section of the conference on 'The impact of non-caloric sweeteners on male fertility: A systematic review in rodent models'.

European Society for Clinical Nutrition and Metabolism conference was held online in September 2021. Three posters were submitted to the ESPEN 2021 Conference with two being awarded distinguished poster status: 'Evaluation of an online malnutrition management education module for general practitioners: the ONSPres project' and 'Analysis of dispensing patterns and non-disease specific oral nutritional supplement usage in primary care: the ONSPres project', both presented by Dr Aisling Geraghty.

The **Fragility Fracture Network (FFN) 2021 Global Conference** in Toronto took place online from Sept 28th-30th. Professor Catherine Blake and Associate Professor Caitríona Cunningham participated as members of the international physiotherapy advisory group. Publications related to their contribution include: Cunningham et al. Management of hospitalised osteoporotic vertebral fractures. Arch Osteoporos. 2020 Feb 20;15(1):14. [doi: 10.1007/s11657-020-0687-x](https://doi.org/10.1007/s11657-020-0687-x). and Purcell et al. Mobilisation and physiotherapy intervention following hip fracture: snapshot survey across six countries from the Fragility Fracture Network Physiotherapy Group. Disabil Rehabil. 2021 Sep 12:1-8. [doi: 10.1080/09638288.2021.1974107](https://doi.org/10.1080/09638288.2021.1974107).

Universitas 21 Health Sciences Annual Meeting took place online from September 13th-15th this year. Hosted by Tecnológico de Monterrey School of Medicine, this conference drew in researchers from across the Universitas 21 university network. At this year's Doctoral Forum, Mary E. Davis presented an oral presentation on findings of her systematic review and meta-analysis 'Impact of training modes on fitness and anthropometry in women with obesity' [done in collaboration with Dr Gráinne O' Donoghue (Primary supervisor), Professor Catherine Blake (Second supervisor), Dr Carla Perrotta and Dr Caitriona Cunningham].

The **European Society for Prevention International Conference**, September 30-October 1, 2021 Lyons A, Killeen J, Walsh C, Kelleher CC, Fitzpatrick P. presented an oral poster on their work titled "Nursing and Healthcare Assistant staff health and wellbeing during the Covid19 pandemic." Mattson A, Doherty K, Lyons A, Ni Eidhin G, Stynes S, Kelleher CC, Fitzpatrick P also presented an oral poster for their projects on "The move online: smoking cessation in COVID times, St Vincent's University Hospital, Dublin, Ireland."

The **28th International Health Promoting Hospitals Conference**, took place in Paris on the 12th October. There were three presentations: Lyons A, Doherty K, Kinsella L, Ni Eidhin G, Stynes S, Syed S, Kelleher CC, Fitzpatrick P presented their research titled: "The Virtual Reality of Smoking and COVID-19: Experience of Re-orienting Services at St Vincent's University Hospital (SVUH) during the Global Pandemic 2020-21 in the Republic of Ireland". Lyons A, Killeen J, Walsh C, Kelleher CC, Fitzpatrick P. also presented "Sleeplessness and stress: The impact of the Covid19 pandemic on frontline workers" Finally, Ana Mattson, an MPH student, Doherty K, Lyons A, Ni Eidhin G, Stynes S, Kelleher CC, Fitzpatrick P, presented their research on Change to online delivery of a smoking cessation course in response to COVID-19.

The **8th International Society for Physical Activity and Health (ISPAH) Congress** took place online this year from 12th to 14th of October. Mary E. Davis presented an oral presentation on findings of her systematic review and meta-analysis 'Impact of different training modalities/intensities on cardiorespiratory fitness and anthropometry of women living with obesity' on October 13th. [done in collaboration with Dr Gráinne O' Donoghue (Primary supervisor), Professor Catherine Blake (Second supervisor), Dr Carla Perrotta and Dr Caitriona Cunningham].

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