

# **SPHPSS IN FOCUS**

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



# WELCOME MESSAGE

Welcome to the first issue of 2022 of our school newsletter SPHPSS in Focus. We hope you have started the new year refreshed and re-invigorated! Many thanks to you all for your contributions to this issue and to the writing team, together we have generated a bumper issue full of news about our research and teaching, and updates on our latest achievements and activities.

Congratulations are in order to Prof Helen Roche who was awarded the prestigious Science Foundation Ireland Mentorship Award 2021. Well done also to Dr Ross Neville and Dr Gráinne O'Donoghue who both received an Irish Research Council Research Ally Prize 2021.

Since our last issue we welcome Prof Akke Vellinga, Dr Aisling O'Donnell, Dr Kristina Vingrys, Archita Choudhury, Craig Dowling, Josephine Aylward, Aoife Murphy, Maria Monahan, Emily Chunt, Orla Kilduff and Alice Kasemiire to the SPHPSS and wish you all the best in your new roles. We also say goodbye to staff members including Aoife Byrne, Jacqueline Boyd and Gemma Larkin.

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
- <u>BSc Physiotherapy</u>
- BSc Sport and Exercise Management
- <u>H Dip in Safety, Health and Well-</u> Being at Work
- <u>Cert. in Safety and Health at Work</u>
- <u>MPH</u>
- 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

### **Research Award Winners**

Our students and staff are well known for producing world-class research. Three of our staff, Professor Helen Roche, Dr Ross Neville and Dr Gráinne O'Donoghue were recently acknowledged for the roles they play in supervising, mentoring and supporting this research.

Professor Roche, Full Professor of Nutrigenomics, Director of UCD Conway Institute and Fellow, UCD Institute of Food & Health was awarded the prestigious Science Foundation Ireland Mentorship Award 2021. The SFI Mentorship Award recognises outstanding mentorship provided by a researcher funded by Science Foundation Ireland. Awardees must have demonstrated a commitment to nurturing the intellectual, creative, scholarly and/or professional growth of their mentees, enabled their mentees to become independent and be recognised in their own right as a subject matter expert and shown a sustained commitment to a mentoring relationship that has supported the career progression and/or the personal development of mentees.



Dr Neville, Lecturer/Assistant Professor in Sport and Exercise Management and Dr O'Donoghue, Lecturer/Assistant Professor in Physiotherapy both received an Irish Research Council Research Ally Prize 2021. The IRC Research Ally Prizes were introduced for the first time in 2021 as part of the Researcher of the Year Awards. The Research Ally Prizes are a new national award category celebrating the role of mentors, supervisors, research officers and support staff in supporting and sustaining the Irish research community. 61 Mentors and Supervisors Research Allies were nominated by students and staff from across the Irish higher education and research system. To find out more, see: UCD School of Public Health, Physiotherapy and Sports Science | Staff at UCD School of Public Health, Physiotherapy and Sports Science awarded for their contributions to Research

#### **UCD ALUMNI AWARDS**



The UCD Alumni Awards 2021 were held on 18th November 2021. UCD School of Public Health, Physiotherapy and Sports Science Masters in Public Health alumnus, Dr Mike Ryan, was the very deserving winner of the UCD Alumni Award in Health and Agricultural Sciences. The awards, introduced in 2014, are given in recognition of the outstanding accomplishments of UCD's diverse and remarkable alumni.

We are very proud of Dr Ryan who has contributed hugely to global public health over the course of his career. Dr Ryan first joined WHO in 1996, with a newly established unit to respond to emerging and epidemic disease threats. He has worked in conflict-affected countries and led many responses to high-impact epidemics. He is a founding member of the Global Outbreak Alert and Response Network (GOARN), which has aided the response to hundreds of disease outbreaks around the world.

Dr Ryan served as Coordinator of Epidemic Response (2000-2003), Operational Coordinator of WHO's response to the SARS outbreak (2003), and as WHO's Director of Global Alert and Response (2005-2011). He was a Senior Advisor on Polio Eradication for the Global Polio Eradication Initiative from 2013 to 2017, deploying to countries in the Middle East. He served as Assistant Director-General for Emergency Preparedness and Response in WHO's Health Emergencies Programme from 2017 to 2019. Currently Dr Ryan is the Executive Director, WHO Health Emergencies Programme and is leading the WHO's emergency response to the COVID-19 pandemic. Watch the award ceremony here: Alumni Awards 2021: Watch Back - UCD Alumni Awards





#### 34th in the World, 1st in Ireland in Sports

Did you know that we have been ranked #34 in the world and #1 in Ireland by both the Shanghai Ranking's Global Ranking of Sport Science Schools and Departments 2021 and the QS World University Rankings in Sports-Related Subjects 2021. These rankings reflect our School's commitment to providing world-class education, facilities and research in sports science and are a testament to the caliber of our incredible students and staff.

#### **UCD Undergraduate Virtual Open Day**

The UCD Undergraduate Virtual Open Day took place on 13th November 2021. For anyone who missed it, it is now available on-demand at UCD Open Day 2021 (vfairs.com). There you will find information on our undergraduate courses in Physiotherapy, Sport and Exercise Management and Health & Performance Science including course talks, brochures and student videos. You will also discover more about student life at UCD, go on virtual tours and events and find out why UCD is ranked #1 in Ireland for Graduate Employability by QS World University Rankings.

#### **APPETITE Website Launch**

We are delighted to announce the launch of the JPI-APPETITE website which will be used to stimulate interest, recruit and disseminate the findings of the APPETITE project. The APPETITE project is a trans-European project involving 6 European countries (Germany, Ireland, Italy, Netherlands, France and the UK). The project is funded in Ireland by the Health Research Board under the EU Joint Programming Initiative 'A Healthy Diet for a Healthy Life' for the development of targeted nutrition for prevention of undernutrition in older adults (PREVNUT). Older adults with poor appetite are at high risk of undernutrition due to the role of appetite as a key driver of food intake. Dietary protein and fibre are critical nutrients in this population and enhancing their intake is vital to preventing undernutrition and maintaining health. The APPETITE project seeks to prevent undernutrition by enhancing appetite through the development of innovative plant-based protein and fibre supplements with or without physical activity in older community-dwelling adults with poor appetite.

Please visit the website: <u>https://www.jpi-appetite.com</u>, to follow project updates on twitter and to encourage friends and family aged 70 years and over, particularly those with a poor appetite, to participate in this important study. The UCD team include Brian Mullen, Elena de Marco Castro, Assoc Prof Clare Corish, Dr Katy Horner and Prof Helen Roche.



Twitter: @APPETITE\_JPI

#### **SPHPSS Graduate Programmes and UCD Postgraduate Open Day**



The UCD Postgraduate Virtual Open Day will take place on 1st March 2022 from 10am – 4pm. Join us to find out more about our programmes and chat with our staff. Keep an eye on our website (UCD School of Public Health, Physiotherapy and Sports Science) and social media channels (UCD School PHPSS (@ucd\_sphpss), Instagram photos and videos, UCD Public Health, Physiotherapy & Sports Science (@ucd\_sphpss) / Twitter) for further details.

The SPHPSS offers a wide range of graduate programmes across all of our disciplines and at various levels. Courses range from short-term part-time Professional Certificates to two-year full-time Masters programmes. Full information, including application requirements and deadlines are available on our website at UCD School of Public Health, Physiotherapy and Sports Science | Graduate Programmes. International students can find more information about studying at UCD at UCD Global | International Students University in Dublin.



#### **Equality, Diversity and Inclusion update**

The SPHPSS are committed to widening participation and access to university education in our school and promoting inclusivity in how we design our programmes and assess learning. We also strive to embed civic engagement, global citizenship and service learning within our clinical education and community outreach activities. Our goal is to make our school a good place to work and study. Diversity of our school community is a key resource as we aspire to providing an inclusive and excellent educational experience.

We all share the responsibility of nurturing our school community by respecting the needs and experiences of those working and studying alongside us. As part of our School's commitment to the principles of equality, diversity, and inclusion, we have created, on our school website, pages which bring together practical resources aimed at supporting staff and students in their time at SPHPSS. For further information on EDI, the EDI committee, practices, policies, activities and related resources please visit: <u>https://www.ucd.ie/phpss/about/ediequalitydiversityinclusion/</u>



#### Postdoctoral Research Fellow

Dr Kristina Vingrys recently joined the school as a Postdoctoral Research Fellow and comes to us from Australia. Kristina is an Accredited Practising Dietitian (APD) and Registered Nutritionist (R.Nutr) and brings clinical experience from working in multi-disciplinary chronic disease management, as well as working as a nutrition and dietetics lecturer at Victoria University in Melbourne.

Kristina is passionate about researching the role of diet and disease relationships and completed her PhD in 2021 investigating colorectal cancer and polyphenols, including antioxidant and population studies. Research interests include relationships between nutrition, cancer and chronic disease, built environments and planetary health.

In her new role Kristina is working under the supervision of Dr Catherine Phillips investigating relationships between childhood obesity and dietary inflammation in 5 motheroffspring cohort studies from 4 European countries, including Ireland, the Netherlands, Poland and the UK.



#### Postdoctoral Research Fellow

Dr Aisling O'Donnell joined the School in November as a Postdoctoral Research Fellow to work on the EndObesity project which is being led in UCD by Dr Catherine Phillips. Aisling graduated from Ulster University with a Master of Science in Human Nutrition and was awarded with Best Human Nutrition student on this course.

Aisling completed her PhD training in UCD within the Irish Dietary Surveys Research Group on The National Children's Food Survey II. Aisling has experience in a variety of research settings including as a fieldworker on the Childhood Obesity Surveillance Initiative, in the commercial research sector in the area of Digital Health and Behaviour Change and as a Postdoctoral Research Fellow on the National Teens' Food Survey II. Aisling has also worked as a Nutritionist in the UK working in schools and in community settings to prevent and manage childhood obesity. Aislings' research interests include dietary intakes, lifestyle factors, familial influence and the association with overweight and obesity levels in children and adolescents.

### **Upcoming Training in Whole Genome Sequencing**

Dr Guerrino Macori from UCD Centre for Food Safety will be providing a training session in *Whole*genome sequencing (WGS) and analysis of genomic data on **Tuesday 8th February** 2022 (online training at **11.00 h- 16.30 h** Irish time. For details on the training and registration please contact Dr Guerrino at: <u>guerrino.macori@ucd.ie</u>

### **UCD SPHPSS Reactive Mode Appointment: Prof Akke Vellinga**

We are delighted to welcome Professor Akke Vellinga, who recently joined the School of Public Health, Physiotherapy and Sports Science. Akke is an epidemiologist with a focus on infections and antibiotics. She holds a HRB Research Leader Award which supports the set up the CARA network (www.caranetwork.ie), Collaboration to reduce Antimicrobial use and Resistance and identify opportunities for improvement and Awareness. The CARA network aims to provide an open-access data infrastructure where data from GPs, hospitals and the community can be uploaded and compared in easy visualisations. To design the dashboard, she works closely with the Insight Centre for Data Analytics in Galway.





Akke is also the Irish lead in the European ValueDx consortium (<u>www.value-dx.eu</u>), which focuses its research on community patient care to trial treatments for infections and deliver innovative and cost effective diagnostics to reduce antibiotic use. Akke grew up in Antwerp, Belgium and moved to Ireland in 2005. Prior to joining the UCD, she was in the School of Medicine at the NUI Galway.

### **MSc Clinical Nutrition and Dietetics**

#### January 2022: Final Year Students

The 20 final year MSc in Clinical Nutrition and Dietetics dissertation presentations were held in the Conway Institute on 15th December, attended remotely by the external examiner in Dietetics, Professor Regan Bailey, Purdue University, US, the Year 1 MSc in Clinical Nutrition and Dietetics students who have now progressed to Year 2 and external contributors to the dissertations. The students had undertaken rapid reviews on a variety of clinical and public health nutrition topics including childhood cancer, critical care, home enteral feeding, non-alcoholic fatty liver disease, assessment of appetite in older adults, interventions to manage childhood obesity, adolescent health and breastfeeding practices. The students started the MSc programme in January 2020 and have had to complete most of their academic teaching online and clinical placements in very busy, highly stressful clinical environments. They have been collaborative, resourceful and resilient throughout and many have already been offered clinical or community dietetics posts pending CORU registration as dietitians. We are proud of what they have achieved under very difficult circumstances and wish them the very best in their careers.



2022 Final Year MSc Clinical Nutrition and Dietetics Students

2022 Incoming MSc Clinical Nutrition and Dietetics Students

#### **Incoming MSc Clinical Nutrition and Dietetics students**

We welcome the new group of 24 students who undertook their Orientation programme on the MSc in Clinical Nutrition and Dietetics on 7th January and began their academic programme on 17th January. The group contains 12 previous UCD students and 14 who are attending UCD for the first time, so a nice variety of previous experiences which they can share to enhance their learning. We very much look forward to working with them on their journey to becoming a healthcare professional and wish them every success in their studies and clinical placements.



#### **ONSPres Study Online Seminar**

Associate Prof. Clare Corish and the ONSPres Malnutrition Research Study team are hosting an online seminar on 10th March 12.30-2.30pm to highlight key findings from the ONSPres study and discuss the 'next steps' for research and practice related to malnutrition and oral nutritional supplement (ONS) usage in the Irish health service context. The ONSPres Study findings detail the views of interdisciplinary healthcare professionals working in primary care (GPs, nurses, dietitians, physiotherapists, speech and language therapists, occupational therapists, community pharmacists) and older adult patients about malnutrition screening and management, and ONS prescribing in practice. The study also examined data from the Primary Care Reimbursement Scheme to understand ONS prescribing practises and characteristics of ONS users in Ireland. An e-learning module on malnutrition management for healthcare professionals was developed by the research team and is currently being made available online. Representatives from the national health and social care professions office, HSE older persons clinical and frailty programmes, dietetics, and physiotherapy, and academic collaborators from medicine and pharmacy will participate in the event. The event will be of interest to various healthcare disciplines from academic, research and health service settings.

#### **The National University of Ireland Awards 2021**

The National University of Ireland NUI Awards honour academic distinction among its students, graduates and early career academics. Congratulations to all the winners of the 2021 NUI awards. UCD BSc Physiotherapy student Lucy McMahon was awarded the Dr HH Stewart Medical Scholarship in Physiotherapy.

This is a fantastic achievement and is a testament to Lucy's hard work and enthusiasm. Keep up the great work Lucy! For further details see : https://www.ucd.ie/phpss/newsandevents/nuiawardwinnerlucymcmah on/#d.en.603635



### **Public Health Reform Expert Advisory Group**

Professors Patricia Fitzpatrick, SPHPSS and Cecily Kelleher, CHAS Principle were appointed by the Minister for Health Stephen Donnelly TD and Minister of State with responsibility for Public Health, Wellbeing and the National Drugs Strategy, Frank Feighan TD, to the newly formed Public Health Reform Expert Advisory Group (EAG) based in the Department of Health. Membership of the Group includes national and international experts with experience at senior levels and with expertise across the domains of public health. The Expert Group will initially focus on identifying learnings from the public health components of the response to the COVID-19 pandemic in Ireland with a view towards strengthening health protection generally and future public health pandemic preparedness specifically. The EAG will also identify lessons from international best practice regarding reform and strengthening of other core public health functions, including the promotion of health and wellbeing, population health research and health intelligence and health service improvement. The Expert Group will then examine the key components of the existing delivery model(s) for public health in Ireland, with a view to recommending an appropriate operating model to develop and oversee the delivery of Public Health in Ireland into the future. Further details about the EAG and its members can be found in the press release issued by the Department of Health: https://www.gov.ie/en/press-release/8beb5-ministers-for-healthestablish-the-public-health-reform-expert-advisory-group/



#### **RESEARCH FUNDING SUCCESS**

Congratulations to Dr Katy Horner and Dr Vikram Niranjan on their recent research funding success!

Dr Katy Horner, Lecturer/Assistant Professor, was awarded €82,500 from the Irish Research Council for a project entitled "Improving understanding of low energy availability (LEA) in elite student athletes: developing an optimal monitoring strategy".

Dr Vikram Niranjan, Lecturer/Assistant Professor, received an Irish Research Council New Foundation Award (€11,999) for his research project examining health impacts of dancing among idiopathic lung fibrosis patients.

### INTERNATIONAL OLYMPIC COMMITTEE WORLD CONFERENCE: PREVENTION OF INJURY AND ILLNESS IN SPORT



Professor Eamonn Delahunt recently chaired and presented a lecture during a 90-minute symposium at the 2021 International Olympic Committee (IOC) World Conference on Prevention of Injury & Illness in Sport. The IOC World Conference on Prevention of Injury & Illness in Sport is the premier international conference for those interested in clinical aspects of sports and exercise medicine. The diverse faculty represent the pre-eminent international authorities in injury and illness prevention.

Left to right: Professor Eamonn Delahunt (UCD); Professor Evert Verhagen (Amsterdam UMC); Professor Vincent Gouttebarge (Amsterdam UMC). Not in photo: Dr Claire Hiller (University of Sydney); Professor Phillip Gribble (University of Kentucky).

## National Forum Digital Badge in Universal Design for Teaching & Learning

Five of our SPHPSS staff were awarded the National Forum Digital Badge in Universal Design for Teaching & Learning in January 2022. Congratulations to Dr Ohood Alharbi, Assoc Professor Caitriona Cunningham, Assoc Professor Brona Fullen, Assoc Professor Deirdre Hurley Osing and Ms Karen Ryan. Further congratulations to Assoc Professor Caitriona

Cunningham and Dr Olhood Alharbi were also awarded a Facilitator Badge in Universal Design for Teaching & Learning.





Association for Higher Education Access & Disability

These badges are another step taken by SPHPSS to support equality, diversity and inclusion within the school in line with UCD'S commitment to the development of a 'University for All'. In 2021 SPHPSS hosted its first 'University for ALL' Inclusive Toolkit Workshop to facilitate staff to conduct self – assessment with a view to mainstreaming inclusive practices within our school. Additionally, our school's representative on the Widening Participation Committee and chair of the Widening Participation Outreach Network, Assoc Professor Caitriona Cunningham was also appointed as a UCD University for All Faculty Partner in 2021.

#### **Welcome New PhD Students**

We would like to give a big welcome to Natasha Hinwood, Chartered Physiotherapist. Natasha has just begun her PhD studies and is investigating multidimensional pain profiling in people living with obesity. Dr Keith Smart (Asst. Prof./Ad Astra Fellow) is her supervisor, supported by Catherine Blake, Catherine Doody, Grainne O'Donoghue, Brona Fullen, Carel le Roux (all UCD) and Colin Dunlevy and Jean O'Connell (Weight Management Service, St Columcille's Hospital, Loughlinstown). Both the 'Irish Coalition for People Living with Obesity' and 'The Bariatric Clinic - St Vincent's Private Hospital' will be involved as Patient Insight Partners in Natasha's PhD studies.



#### **Centre for Food Safety New PhD Students**



Menghan Li is a PhD student supervised by Dr Daniel Hurley and Prof Séamus Fanning. His research focuses on the application of bioinformatics in foodborne pathogen identification and monitoring.

Menghan has worked at the China National Center for Food Safety Risk Assessment (CFSA) for 6 years and the topic of his 4-years project is: Discovering genomic profiles to evaluate hyper ability to acquire AMR mutations of common foodborne pathogenic bacteria using machine learning.



Jiahui Wang is a PhD student in food safety at the School of Public Health, University College Dublin under the supervision of Dr Suzie Coughlan and Prof Séamus Fanning. Her research focuses on analysing the contamination of Hepatitis E virus in food.

At the Centre for Food Safety she will cover the topics Kinetics of contamination and transmission of Hepatitis E virus in pork production chain in China, in collaboration with CFSA, where she has worked for 11 years.

#### **RESEARCHER SPOTLIGHT: DAN HORAN**

Dan Horan, Head of Research at the Football Association of Ireland and PhD student at the UCD School of Public Health, Physiotherapy and Sports Science, recently had his research into elite-level women's football published in the prestigious Scandinavian Journal of Medicine and Science in Sports. Dan's PhD research is a collaboration between the UCD SPHPSS and the Football Association of Ireland and is being supervised by Professor Eamonn Delahunt.



Dan's co-authors on this recent publication entitled 'Injuries in elite-level women's football-a two year prospective study in the Irish Women's National League' were Professor Eamonn Delahunt, Professor Catherine Blake (Head of the UCD SPHPSS), Dr Seamus Kelly (UCD SPHPSS), Dr Mark Roe (UCD SPHPSS) and Professor Martin Hägglund (Linköping University in Sweden), an international expert on injury epidemiology in women's and men's football. To find out more about Dan's research and to see infographics of his findings, see UCD School of Public Health, Physiotherapy and Sports Science | Researcher Spotlight: Dan Horan - PhD Student



#### **POSTGRADUATE RESEARCH STUDENT COMMITTEE**

The Postgraduate Research Student Committee would like to wish all of our postgraduate students a very happy and prosperous year. This committee was established in November 2020 with the use of Zoom meetings. 2021 was our first year of activity, during which we organised several practical seminars and meetings. Our aim is to provide peer-led support and PhD-related seminars/workshops to the PG students in our school. These events are open to all postgraduate researchers at any stage of your research. They are informal in nature, where we meet to discuss our shared needs and to share insights regarding the numerous challenges that we face during our studies. Seminar topics will range from Data Management, choosing suitable modules and preparation for the Stage Transfer Assessment, to meet the needs of approximately 55 PhD students in our School! We usually send out emails to inform students of these seminars so keep an eye out for us! We are looking forward to seeing you again this year at our events and welcome all of the new PG students.

Feel free to get in touch with our chair, Giampiero, via email (giampiero.tarantino@ucdconnect.ie) if you have further questions.

All the best,

The Postgraduate Research Student Committee (Giampiero, Shevaun, Michelle, Fiona, Maria and Eoin)

#### **Invited speaker at European Foot and Ankle Society 2021**



Professor Eamonn Delahunt recently presented an invited lecture titled 'The sensorimotor contributions to the development of chronic ankle instability' during the opening plenary session (State of the Art Ankle Instability) of the European Foot and Ankle Society (EFAS) 20201 Congress.

Founded in 1998, EFAS aims to promote the development of foot and ankle surgery and to advance education, study and research in this specialty.

From left to right: Dr Yves Tourné (Past President EFAS); Prof Eamonn Delahunt (UCD); Dr Stéphane Guillo (Bordeaux-Merignac Sport Clinic); Dr Frederick Michels (AZ Groeninge); Dr François Fourchet (Hôpital de La Tour

### **UPCOMING Conferences**

Pain in Europe XII Congress – Targeting Pain and its Comorbidities in the Digital Age. 12th Congress of the European Pain Federation EFIC (Dublin; April 27th-30th 2022). UCD Assoc. Prof. Brona Fullen is the current President of EFIC and is looking forward to welcoming an international panel of pain experts to Dublin. (Registration | #EFIC2022 - 12th Congress of the European Pain Federation EFIC (efic-congress.org))



### **RECENT PUBLICATIONS**

Arthurs N, Tully L, O'Malley G, Browne S. Usability and engagement testing of mHealth apps in paediatric obesity: A narrative review of current literature. *International Journal of Environmental Research & Public Health*. 2022; 19, 1453.

Bardon, L. A., Corish, C. A., Lane, M., Bizzaro, M. G., Loayza Villarroel, K., Clarke, M., Power, L.C., Gibney, E.R. & Dominguez Castro, P. (2021). Ageing rate of older adults affects the factors associated with, and the determinants of malnutrition in the community: a systematic review and narrative synthesis. *BMC Geriatrics*, 21(1), 1-39.

Bassul, C., Corish, C. A., & Kearney, J. M. (2021). Associations between Neighborhood Deprivation Index, parent perceptions and preschooler lifestyle behaviors. *Children*, 8(11), 959.

Breen D, Farrell G, Delahunt E. The clinical assessment of hip muscle strength in professional rugby union players. Physical Therapy in Sport 2021; 52: 115-120. DOI: 10.1016/j.ptsp.2021.08.013

Buggy C, Chen Y, Roe M, Ingram C, Buttner F & Perrotta C. COVID-19 workplace impacts-Irish OSH professionals experience and observations. European Journal of Public Health. 2021 Oct;31(Supplement\_3): pp. 164-716.

Chen Y, Buggy C & Kelly S. Safety and risk awareness for health and wellbeing evaluation in elite rugby: a quantitative survey development. *British Journal of Sports Medicine*. 2021;55: A174-A175.

Chen Y, Buggy C & Kelly S. Safe and sound for performance's sake? An exploration on health and safety awareness in elite rugby. *British Journal of Sports Medicine*. 2021;55: A95-A96.

Cronin K, Delahunt E, Foley S, McCarthy C, De Vito G, Cournane S. Semi-automated tracing of hamstring muscle architecture for B-mode ultrasound images. International Journal of Sports Medicine 2022; 43: 23-28. DOI: 10.1055/a-1493-3082

Davis, ME, Blake, C, Perrotta, C, Cunningham, C, O'Donoghue, G. Impact of training modes on fitness and body composition in women with obesity: A systematic review and meta-analysis. Obesity (Silver Spring). 2022; 30: 300– 319. doi:10.1002/oby.23305

Fitzpatrick P, Mooney T, Byrne H, Healy O, Russell N, O'Reilly S. Interval cancer audit and disclosure in cervical screening programmes: an international survey. Journal of Medical Screening (in press 2021)

Geraghty, A. A., McBean, L., Browne, S., Dominguez Castro, P., Reynolds, C. M., Hanlon, D., Bury, G., O'Neill, M., Clarke, S., Clyne, B. Finnigan, K., MCCullagh, L., Kennelly, S. & Corish, C. A. (2022). Disparities in oral nutritional supplement usage and dispensing patterns across primary care in Ireland: ONSPres Project. *Nutrients*, *14*(2), 338

Heijboer WMP, Weir A, Delahunt E, Hölmich P, Schache AG, Tol JL, De Vos RJ, Vuckovic Z, Serner A. A Delphi survey and international e-survey evaluating the Doha agreement meeting classification system in groin pain: where are we 5 years later? Journal of Science and Medicine in Sport 2022; 25: 3-8. DOI: 10.1016/j.jsams.2021.06.014

Horan D, Hägglund M, Blake C, Kelly S, Roe M, Delahunt E. Injuries in elite-level women's football – a two year prospective study in the Irish Women's National League. Scandinavian Journal of Medicine and Science in Sports 2022; 31: 177-190. DOI: 10.1111/sms.14062

Ingram C, Chen Y, Buggy C, Downey V, Archibald M, Rachwal N, Roe M, Drummond A & Perrotta C. Development and validation of a multi-lingual online questionnaire for surveying the COVID-19 prevention and control measures used in global workplaces. BMC public health. 2022; 22(1): pp. 1-5.

### **RECENT PUBLICATIONS**

Jelenc M, Weiderpass E, Fitzpatrick P, Albreht 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 Jan-Dec 2021;28:10732748211041508. DOI: <u>10.1177/10732748211041508</u>.

Kennelly MA, Killeen SL, Phillips CM, Alberdi G, Lindsay KL, Mehegan J, Cronin M, McAuliffe FM. Maternal C3 complement and C-reactive protein and pregnancy and fetal outcomes: A secondary analysis of the PEARS RCT-An mHealth-supported, lifestyle intervention among pregnant women with overweight and obesity. Cytokine. 2022 Jan;149:155748. doi: <u>10.1016/j.cyto.2021.155748.</u>

Logue DM, Madigan SM, Melin A, McDonnell SJ, Delahunt E, Heinen M, Corish CA Self-reported reproductive health of athletic and recreationally active males in Ireland: potential health effects interfering with performance. European Journal of Sport Science 2021; 21: 275-284. DOI: 10.1080/17461391.2020.1748116

Lysdal FG, Bandholm T, Tolstrup JS, Clausen MB, Mann S, Petersen PB, Grønlykke TB, Kersting UG, Delahunt E, Virgile A, Thorborg K. Infographic: Does the Spraino low-friction shoe patch prevent lateral ankle sprain injury in indoor sports? A 510 participant pilot RCT. British Journal of Sports Medicine 2021; 55: 510-511. DOI: 10.1136/bjsports-2020-103342

Millar SR, Harrington JM, Perry IJ, Phillips CM. Associations between a protective lifestyle behaviour score and biomarkers of chronic low-grade inflammation: a cross-sectional analysis in middle-to-older aged adults. Int J Obes (Lond). 2021 Nov 8. doi: <u>10.1038/s41366-021-01012-z.</u>

O' Donovan B., Mooney T., Rimmer, B., Fitzpatrick P., Flannelly G., Doherty L., Russell N. Martin CM., O'Leary, J., Sharp L, O' Connor M. Trust and cancer screening: effects of a screening controversy on women's perceptions of cervical cancer screening. Preventive Medicine Reports (online 27 December 2021,101684)

Rees H, McCarthy Persson U, Delahunt E, Boreham CA, Blake C. The incidence of injury in male field hockey players: A systematic review and meta-analysis. Physical Therapy in Sport 2021; 52: 45-53.DOI: 10.1016/j.ptsp.2021.08.005

Rees H, Matthews J, McCarthy Persson U, Delahunt E, Boreham C, Blake C. Coaches' attitudes to injury and injury prevention: a qualitative study of Irish field hockey coaches. BMJ Open Sport and Exercise Medicine 2021; 7: e001074. DOI: 10.1136/bmjsem-2021-001074

Smith MD, Vicenzino B, Bahr R, Bandholm T, Cooke R, Mendonça LD, Fourchet F, Glasgow P, Gribble P, Herrington L, Hiller C, Lee SY, Macaluso A, Meeusen R, Owoeye O, Reid D, Tassignon B, Terada M, Thorborg K, Verhagen E, Verschueren J, Wang D, Whiteley R, Wikstrom E, Delahunt E. Return to sport decisions after an acute lateral ankle sprain injury: introducing the PAASS framework – an international multidisciplinary consensus. British Journal of Sports Medicine 2021; 55: 1270-1276. DOI: 10.1136/bjsports-2021-104087

Tierney P, Blake C, Delahunt E. Physical characteristics of different professional rugby union competition levels. Journal of Science and Medicine in Sport 2021; 24: 1267-1271. DOI: 10.1016/j.jsams.2021.05.009.

Volkert, D., Corish, C. A., Dardevet, D., De Vito, G., Guillet, C., Bader-Mittermaier, S., Robinson, S., Roche, H.M., Sayer, A.A. & Visser, M. (2021). Innovative plAnt Protein fibre and Physical activity solutions to address poor appEtite and prevenT undernutrITion in oldEr adults-APPETITE. Nutrition Bulletin, 46(4), 486-496. <u>https://doi.org/10.1111/nbu.12529</u>

# **CONFERENCE PRESENTATIONS**

#### 33rd International Congress on Occupational Health (ICOH) Feb 6th-10th 2022

Chen Y, Buggy C, Roe M, Sripaiboonkij P, Drummond A & Perrotta C. "Worker adaptation behaviours and mental health impacts in Irish workplaces arising from COVID-19 – observations of OSH professionals" E -poster presentation.

#### European Association for the Study of Obesity Early Career Network Winter School 2022

Davis, M.E., Blake, C., Cunningham, C., Carson, B. and O'Donoghue, G. Comparison of the effectiveness of time-matched aerobic, resistance, and combined exercise in women living with obesity: a protocol. Poster presentation. 9th February 2022. Naples, Italy. This presentation was funded by the EASO.

#### Faculty of Public Health Medicine, RCPI, Scientific Meeting, December 2021.

Bhardwaj N, Fox P, Frazer K, McCann A, Lyons A, Doherty K, Fitzpatrick P. Five-year trend of smoking prevalence among cancer patients in Ireland; a HIPE analysis.

Bhardwaj N, Masalkhi M, Fox P, Lyons A, Doherty K, Frazer K, McCann A, Fitzpatrick P. A National Audit of Smoking Cessation Services for Cancer Patients in Irish Cancer Specialist Hospitals.

Frazer K, Kroll T, Kelleher C, Fitzpatrick P, McDonnell T, McGillicuddy D, Byrne M, Semple S, O'Donnell R. Patient and Public Involvement: Supporting smoke-free homes collaborations in Ireland – who needs to be at the table?

N Bhardwaj N, Bhardwaj N, Masalkhi M, Fox P, Lyons A, Doherty K, Frazer K, McCann A, Fitzpatrick P. Inhospital smoking cessation services in major hospitals in Ireland: an audit of available supports.

#### European Public Health Association International Conference, November 2021

Bhardwaj N, Fitzpatrick P. Practice of breast self-examination among older women in Ireland: An update using a major cohort of the ageing population in Ireland (The Longitudinal Study of Ageing - TILDA). European Public Health Conference 2021 (Oral). European Journal of Public Health, Volume 31, Issue Supplement\_3, October 2021, ckab164.524, <u>https://doi.org/10.1093/eurpub/ckab164.524</u>

Bhardwaj N, Lyons A, Frazer K, Fox P, McCann A, Doherty K, Fitzpatrick P. Smoking trend among cancer patients in Ireland: The Hospital Inpatient Enquiry data 5-year analysis. European Public Health Conference 2021 (poster). European Journal of Public Health, Volume 31, Issue Supplement\_3, October 2021, ckab165.232, https://doi.org/10.1093/eurpub/ckab165.232

Kelly C, P Fitzpatrick, C Quinn, F Flanagan, A Connors, A Larke, T Mooney, A O'Doherty. Ductal Carcinoma in Situ in Ireland, 2008-2020: Screening Data related to Low-Risk Management Trials, European Journal of Public Health, Volume 31, Issue Supplement\_3, October 2021, ckab165.238 <a href="https://doi.org/10.1093/eurpub/ckab165.238">https://doi.org/10.1093/eurpub/ckab165.238</a>

Havle K, Fitzpatrick P. Effect of smoking on survival following Non-Hodgkin Lymphoma in Ireland. European Public Health Conference 2021 (poster). European Journal of Public Health, Volume 31, Issue Supplement\_3, October 2021, ckab164.849, https://doi.org/10.1093/eurpub/ckab164.849

Heffernan M, Mullins B, Bermingham AK, Neville R, Dervan N, Corish CA, Murrin CM, Fitzpatrick P. Implementation of student experiential learning in health & wellbeing in a large university setting. European Public Health Conference 2021 (Oral). European Journal of Public Health, Volume 31, Issue Supplement\_3, October 2021, ckab164.670, <u>https://doi.org/10.1093/eurpub/ckab164.670</u>

O'Donovan R, Fitzpatrick P. Factors associated with PSA testing in men  $\geq$  50 years in Ireland: results from TILDA. European Public Health Conference 2021 (poster). European Journal of Public Health, Volume 31, Issue Supplement\_3, October 2021, ckab165.143, <u>https://doi.org/10.1093/eurpub/ckab165.143</u>

# **CONFERENCE PRESENTATIONS**

#### European Public Health Association International Conference, November 2021

Bhatnagar R, S Tecklenborg, R Segurado, P Fitzpatrick Impact of COVID-19 on hospital care, employment and mental health of people with Cystic Fibrosis . European Journal of Public Health, Volume 31, Issue Supplement\_3, October 2021, ckab164.477, <u>https://doi.org/10.1093/eurpub/ckab164.477</u>

Syed S, Fitzpatrick P. Good perception of own lifestyle associated with poor attendance at Diabetic RetinaScreen Programme. European Public Health Conference 2021 (Oral). European Journal of Public Health, Volume 31, Issue Supplement\_3, October 2021, ckab164.335, <u>https://doi.org/10.1093/eurpub/ckab164.335</u>

Lecorguillé M, P Navarro, N Shivappa, JR Hébert, J Mehegan, CC Kelleher, M Suderman, CM Phillips. Maternal and paternal dietary quality, dietary inflammation status, and offspring DNA methylation. (Oral presentation) European Journal of Public Health, Volume 31, Issue Supplement\_3, October 2021, ckab164.075, https://doi.org/10.1093/eurpub/ckab164.075

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