

SPHPSS IN FOCUS

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



WELCOME MESSAGE

Welcome to Issue 10 of our school newsletter SPHPSS in Focus. Despite the change in weather we hope you are enjoying the summer and have the opportunity to take some time off to relax and recharge the batteries. Many thanks to the Newsletter team and to everyone who contributed to this bumper issue, jam packed with the latest updates on our activities and achievements.

We welcome new staff members Dr James Timmons (Assistant Professor in Performance Science), Dr. John Jairo Villarejo Mayor (Post-doctoral Research Fellow), Mags Carey (Research Assistant with Healthy UCD), and visiting PhD student Paula da Cruz Peniche. Congratulations to our recent PhD graduates Dr Deirdre Ryan, Dr Cornelia Anne Bart and Dr Dan Horan - we wish you the very best for your future endeavours. Well done also to Associate Professor Brona Fullen and BSc Physiotherapy alumna Claire O'Reilly who were awarded the International Service Awards for Research and Management & Administration, respectively at the World Physiotherapy Congress in Dubai - fantastic achievements!

The SPHPSS has been well represented at National and International conferences and the UCD Festival. We have also welcomed visiting students, researchers and other academics to UCD in June to attend events hosted by the SPHPSS including the Sustainable Food Systems in Nutrition & Dietetics Education event and the inaugural Global Public Health and Sports Studies Summer School.

As always, enjoy reading this issue of SPHPSS in Focus and feel free to circulate it among your colleagues and networks.

Assistant Professor 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
- <u>H Dip in Safety, Health and Well-</u> 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
- Prof Master of Physiotherapy
- MSc Coaching Science in Sport
- MSc Sports Management

SPHPSS at the UCD Festival

UCD Festival took place on Saturday 10th June and a fantastic afternoon was had by all. SPHPSS was well represented with three separate events taking place in the Student Centre.

Our ever-popular **"Know Your Numbers!"** stand saw parents queuing from early in the day to have their children's height and weight measured and plotted on growth charts. Adults also joined in on the fun being measured and competing for the strongest handgrip measured and the highest jump on the jumping mat.



Seven of the MSc in Clinical Nutrition and Dietetics Year 1 students (Sofia Elghobar, Jane Kinghan, Naomi McDonnell, Laura Murphy, Maria Marques Previ, Anne Marie Young and Natalie Wu), one of our placement students from Technological University of the Shannon (Kelly-Anne McLoughlin), one recent graduate (Sali Abouhajar) and one Research Masters student (Anna Quinn) helped out on the day. A very busy day but great fun and lots of opportunity to practice anthropometric measurement and plotting these onto growth charts, so beneficial for all involved! Many thanks to all our volunteers and participants.











At our "Step Into Motion with the UCD Physiotherapy Hub" stand, two of our Year 3 BSc Physiotherapy students (Conor Gallagher and Ella Duane), led by Dr Sinead McMahon, our Clinical Director and Mary E. Davis, Physio Hub Clinical Tutor/Special Lecturer, provided Festival visitors with an opportunity to measure their physical fitness, balance, strength and flexibility.

Everyone from small children to older adults got a chance to complete the fun circuit, see how they compare to the norms and learn about the importance of physical activity and what the guidelines recommend.

Virtual Reality has untold applications for sport, including alternative sport participation, consumption and spectatorship. Our **"VR Sports Demonstrations"** which took place throughout the day, led by Professor Eleni Theodoraki, showed visitors how virtual reality can help promote sports participation. Students (Harry Doyle, Margherita Pacini, Hyewon Kim and Shubham Kotnake) demonstrated VR in action and visitors joined in the conversation about the future of VR in sport. Watch this space!







Health & Performance Science Curriculum Review

The HPS staff have been busy engaging with a curriculum review of the Health and Performance Science degree. It is anticipated a new, revamped curriculum will be on offer for students commencing in the 2024/25 academic year.

SPHPSS PhD Graduations

Congratulations to Dr Deirdre Ryan, Dr Cornelia Anne Bart and Dr Dan Horan who successfully defended their PhD theses and graduated with their PhDs on June 1st 2023.







Pictured: Dr Cornelia Anne Bart



Pictured: Dr Dan Horan

Under the supervision of Associate Professor Cliona O'Sullivan (primary supervisor), Dr Ryan's research focused on investigating the effect of action observation therapy in the rehabilitation of mid-portion Achilles Tendinopathies. Dr Cornelia Anne Barth graduated in absentia. Supervised by Associate Professor Cliona O'Sullivan and Professor Catherine Blake, her research focused on rehabilitation in the fragile health systems of low-resource and conflict-affected settings.

Dr Dan Horan was supervised by Professor Eamonn Delahunt and Dr Seamus Kelly. The title of his thesis was "Game changer! Injury surveillance in elite-level women's football in Ireland: thinking bigger and working together". Dan's research was supported by grants from the Irish Research Council and the Football Association of Ireland. Dan has published peer-reviewed articles in the Br J Sports Med, Sports Med Open, and Scand J Med Sci Sports; all Q1 journal in the Sport Sciences section of the JCR. To read a more in depth profile, please visit his <u>Researcher Spotlight</u>

International Symposium on Biological Monitoring Conference



Pictured: Assistant Professor Dr Allison Connolly

Assistant Professor, Dr Alison Connolly, UCD Centre for Safety and Health at Work, recently attended the 12th International Symposium on Biological Monitoring in Occupational and Environmental Health for the 'Next Generation Biomonitoring' – ISBM-12, in Porto, Portugal.

ISBM-12: Next Generation Biomonitoring continued the ISBM congress series with a multidisciplinary and holistic view of the latest developments in the Human Biomonitoring (HBM) sciences, bringing together world's leading scientists, experts, and students. State of the art developments in different topics of HBM (e.g., biomarkers, risk assessment, and regulation), new methodologies and developing expertise were covered in different presentation formats (keynote lectures, oral and poster sessions).

Alison presented a poster on an Environmental Protection Agency Funded project, 'The Human Biomonitoring for Ireland (HBM4IRE), investigating the feasibility of having a national human biomonitoring surveillance programme for Ireland, for investigating environmental and occupational exposures to contaminants.

Global Public Health and Sports Studies Summer School 2023

We were delighted to welcome a fantastic group of students from around the world to our inaugural Global Public Health and Sports Studies Summer School from 19th to 30th June.

Students were guided through the most recent research and teachings from a global health and sports and performance perspective and got in-person experience of sustainable food practices at Airfield Estate and sustainable event management at a private guided tour of Croke Park.

Their enthusiasm for learning was matched by their enthusiasm for taking part and having fun while trying out Gaelic games at Na Fianna, Glasnevin and hiking in Glendalough, not to mention sliding down the gigantic spiral slide at Beyond the Trees Avondale and a swim at Dublin's famous Forty Foot. Thanks to all involved; we can't wait for Summer School 2024!











Over €18,000 raised for Daffodil Day by SPHPSS Sport & Exercise Management students and UCD Rugby Football Club



Every year our BSc Sport & Exercise Management second year class plan and run a sport event to raise funds for Irish Cancer Society Daffodil Day with UCD Rugby Football Club. This year, an incredible €18,120 was raised. The event was conducted throughout campus and online on the 2nd of March and was sponsored by EY Ireland. Acting president Professor Mark Rogers was in attendance and received his own daffodil pin from UCD Women's Rugby players Lola Cavaller and Alaïs Diebold.

Averil Power, CEO Of the Irish Cancer Society, said: "We are grateful to UCD Rugby Club for the incredible effort that they've put in every year to run Daffodil Day on the UCD campus. We are also so grateful to our wonderful partners in EY for their support. The Irish Cancer Society only gets three percent of our funding from the State. Therefore, we have to raise over twenty-five million euro every year to fund all of our free nursing, counselling and peer support, as well as our life-saving and life-changing research. We genuinely couldn't provide all of the vital services that we do without the support of UCD Rugby Club and EY."



Pictured: Year 2 Sport & Exercise Management students at the event

World Physiotherapy Congress 2023

In early June, the World Physiotherapy Congress took place in Dubai. There was great UCD representation across all three days of programming. Two UCD PhD students gave oral platform presentations on their research. Garett Van Oirscott presented his work on a systematic review of the characteristics of effective multimedia-based educational interventions for patients with musculoskeletal conditions. Orla Deegan discussed her work on a feasibility RCT which compared mindfulness combined with exercise online to a self-management guide for adults with chronic pain. Additionally, Orla Deegan presented an e-poster on her qualitative work relating to her RCT. All presentations were exceptionally well-received by both early career researchers and seasoned academics alike, with good engagement from audiences and multiple questions for both presenters.

Further UCD representation included poster presentations from Assistant Professor Dr Keith Smart and UCD Physiotherapy alumnus, Dr Maire-Brid Casey. PhD student Natasha Hinwood was also present as a member of the Congress Programming Committee (2021-2023). In her role on the committee, Natasha assisted with chairing duties for both an e-poster session and a lively discussion session on physiotherapy career pathways. Natasha also co-chaired a networking session with Garett Van Oirscott for Early Career Researchers, which was very well attended with over 50 participants.



Pictured: N. Hinwood chairing discussion on career pathways for physiotherapists



Pictured: G Van Orscott, O. Deegan and N. Hinwood at WPC2023

World Physiotherapy Congress International Service Awards

To top off the World Physiotherapy Congress, we were thrilled when UCD SPHPSS Associate Professor Brona Fullen and BSc Physiotherapy alumna Claire O'Reilly were awarded the International Service Awards for Research and Management & Administration respectively. The awards recognise outstanding contributions by physiotherapists to the profession and/or global health at an international level. Congratulations to both Brona and Claire!



Associate Professor Brona Fullen is the co-founder and director of the UCD Centre for Translational Pain Research. Brona is the first female and the first Chartered Physiotherapist elected President of the European Pain Federation EFIC in the organisation's 30-year history. A multidisciplinary professional organisation in the field of pain research and medicine, EFIC represents over 20,000 basic researchers, physiotherapists, nurses, and psychologists across Europe.



Claire O'Reilly specialises in humanitarian action. She is passionate about access to rehabilitation for people in emergency settings and strengthening health systems to increase the availability of physiotherapy. Her humanitarian career started in response to the Syrian Civil War in 2013 and she has served with NGOs and UN agencies in the Middle East, south Asia, and east Africa.

Sustainable Food Systems in Nutrition & Dietetics Education

The MSc in Clinical Nutrition and Dietetics staff Dr Sarah Browne and Professor Clare Corish hosted a global networking and learning event on sustainable food systems (SFS) in nutrition and dietetics education on the 7th and 8th June 2023 at O'Brien Centre. Partnering with international dietetics colleagues from Acadia University in Canada and the International Confederation for the Associations of Dietitians SFS Initiative, the event tapped into a growing network of international nutrition and dietetics educators and leaders who are focused on progressing SFS within education. Over 50 delegates from 11 countries attended in-person. UCD VP for Sustainability Professor Tasman Crowe, Communications Manager from the Irish Nutrition and Dietetics Institute (INDI) Louise Reynolds and Event Lead Dr Browne, SPHPSS opened the event, followed by an international welcome online from the President of the International Confederation of Dietetics Associations Giuseppe Russolillo.



Pictured: Delegates of the Sustainable Food Systems in Nutrition and Dietetics Education

The primary aim of the event was to build global partnerships for developing sustainable food systems education within nutrition and dietetics programmes. The two-day programme format integrated short learning sessions and panels to share best practice and research with time for roundtable discussion, debate and networking. The student voice was captured well during a 1-hour student panel and Elizabeth Finnegan from year 2 of the MSc in Clinical Nutrition and Dietetics programme and Katie Davies, a PhD student from the School of Agriculture and Food Science participated alongside students from Canada and Spain. There was a positive and collegial atmosphere, and it appeared relationship building was very successful with feedback indicating several plans among delegates for future collaborations. There were also many social gatherings outside the event including history trails, hikes, meals, and a visit to the Hidden Heartlands. On Day 2 of the event we enjoyed a tour and event dinner at Airfield Estate, where the Estates team took delegates on a short woodland walk to talk about biodiversity at UCD.



Pictured: Professor Clare Corish, SPHPSS and Liesel Carlsson, one of our international collaborators from Acadia University, with Oscar at Glendalough



Pictured: Delegates of the Sustainable Food Systems in Nutrition and Dietetics Education on Tour

Sustainable Food Systems in Nutrition & Dietetics Education

The event was co-funded by the Global Engagement Seed Fund, the INDI, the Institute of Food and Health, and the SPHPSS. Learning and opportunities for future research and practice will be shared widely following analysis of discussion and feedback. A plenary lecture on outcomes of the event is planned for the European Federation of Dietetics Association Congress in Budapest in October 2023 and partnerships to develop research ahead of the International Congress of Nutrition and Dietetics in Toronto 2024 and Dublin 2028 are already in motion. The organising team are grateful for the support of many colleagues within the SPHPSS and the School of Agriculture and Food Science for sharing research, facilitating roundtable discussions, and recording valuable notes.

Position Paper on Sustainable Food Systems from the Climate & Health Alliance

The position paper, 'Fixing Food Together: transitioning Ireland to a healthy and sustainable food system' was launched on 16th May 2023 by the Irish Climate and Health Alliance. The paper outlines clear opportunities to align healthy and sustainable food systems in our actions for public health in Ireland. It makes 6 broad recommendations for action including: (1) Ending the junk food cycle; (2) Promoting transition away from over-consumption of processed foods to a more plant-based diet including beans, peas and lentils; (3) Harnessing the power of international and national guidelines; (4) Reducing food waste; (5) Improving agricultural practices and land use; (6) Using a policy approach to affect behaviour change. Dr Sarah Browne from the SPHPSS contributed to the working group that drafted the position paper, which can be accessed here.



SPHPSS to Celebrate 40 Years of the MPH Programme



UCD has a long tradition of education in public health. The Faculty of Medicine established a Diploma in Public Health in the early 1900s which evolved into the Master of Public Health (MPH) degree in 1983. In its 40th year, the MPH is an international, multidisciplinary programme and partner in the Erasmus Mundus Joint Master Degree programme, Europubhealth (EPH+).

Since its inception, there have been some 850 graduates from the UCD MPH programmes, many of whom have led public health nationally and internationally and contributed significantly to global public health initiatives.

To mark this milestone, we are delighted to invite all MPH alumni to a celebration on 2nd September, 2023 in UCD. For more information, please visit our <u>website</u>. You may also register for the event <u>here</u>. For any queries, you may contact us on <u>ucdmph.reunion@ucd.ie</u>.

This event will follow the <u>2023 ASPHER Deans' and Directors' Retreat</u> which is taking place in Ireland for the first time and being hosted at UCD on 31 August and 01 September.

SPHPSS Faculty and Graduate Students at the Faculty of Public Health Medicine Summer Scientific Meeting, May 2023





UCD MPH Graduate and ASPHER Fellow Karl Conyard (pictured left) who received 2nd Prize for Short Oral Presentation on 'Health Care Assistants and Carers in Ireland: Battling for Resources during SARS COV-2 Wave: A Rapid Response Survey' from Professor Cecily Kelleher, Dean of the Faculty of Public Health Medicine (pictured right, with Karl).





Pictured: SPHPSS Associate Professor Mary Codd (left) and Professor Patricia Fitzpatrick (right)





Pictured: Professor Cecily Kelleher and SPHPSS Faculty and Graduate Students

SPHPSS Subject Head Extension

An extension of Professor Patricia Fitzpatricks' term as Head of Subject for Public Health, to 2025, has recently been approved by UCD Academic Council.

New Visiting PhD Student



Paula da Cruz Peniche, from the Universidade Federal de Minas Gerais (Brazil), is a visiting PhD student who is working under the supervision of Associate Professor Olive Lennon in SPHPSS. Paula was awarded a sandwich PhD scholarship from CAPES PrInt (Program for Institutional Internationalization) (Brazil) and a grant from the Worldwide Universities Network (WUN) that will allow her to stay in Ireland for 10 months. She is studying at UCD from May 2023 to February 2024. The topic of Paula's PhD is development and investigation of the feasibility and efficacy of an intervention programme for behaviour change and self-management in the stroke secondary prevention.

New Postdoctoral Research Fellow

Dr. John Jairo Villarejo Mayor is a Postdoctoral Research Fellow 2 in the Health Science Centre, UCD. Currently, he is working on EEG-EMG co-registration during gait in healthy subjects and during exoskeleton gait in stroke survivors. His research focuses on biological signals to control assistive technologies based on human motor behaviour, and methods for human-machine interfaces for neurorehabilitation using artificial intelligence.

Dr. Villarejo has experience in electromyography, electroencephalography, neuromuscular stimulation, and human gait analysis, with special interests in pattern recognition applied to the control and biofeedback of prostheses, orthoses, and exoskeletons. His research interests in physical activity and health include: neurobiological biomarkers to assess the risk of falls in the elderly through inertial sensors and muscular activity; neuromuscular electrical stimulation to assess fatigue in high performance and healthy physical activities; brain activity on psychophysiological mechanisms of motivational tasks in resistance exercises. Dr. Villarejo received BE and MSc degrees from the University of Valle, Colombia, and holds a PhD in Electrical Engineering (2017), Federal University of Espirito Santo, Brazil. Between 2017 and 2022 Dr. Villarejo was a Postdoctoral Fellow in Physical Activity and Health at the Department of Physical Education, Federal University of Parana, Brazil.



John also has experience as a lecturer since 2007 in universities in Colombia and Brazil and is actively involved in advising undergraduate and postgraduate students.

New Assistant Professor in Performance Science

Dr James Timmons was appointed Assistant Professor in Strength and Conditioning. He is leading modules on both the BSc Health and Performance Science undergraduate degree, and the MSc in Coaching Science in Sport. James completed his PhD in UCD focusing on "Exercise training and dietary strategies to support improvements in body composition and physical function in older adults".



Professional Diploma in University Teaching & Learning



Congratulations to Assistant Professor Catherine Phillips who was recently awarded the Professional Diploma in University Teaching and Learning.

Evolving Skills Landscape in Digital Healthcare Webinar



In response to the government initiative in support of the European Year of Skills 2023, the <u>Advance Centre</u> will be hosting a webinar on 17th August from 1pm - 2pm on "Evolving Skills Landscape in Digital Healthcare - EU Year of Skills 2023". This webinar will appeal to anyone interested in upskilling or re-skilling in health science, healthcare innovation and associated technologies. For more information and to register, click <u>here</u>.

UCD Summer School for 5th Year Students

Professor Kate Pumpa and Assistant Professor Massimiliano Ditroilo both contributed to the UCD Summer School in June. Max provided the students with an interactive Biomechanics tutorial, and Kate updated the students on nutritional interventions to enhance sleep. The UCD Summer School is an event for 5th year secondary school students which allows them to sample different disciplines and get a taste of what it's like to study at UCD. For more information about this event, please visit this website.



Graduate Programmes Webinar Series 2023



We continued our Graduate Programmes Webinar Series 2023 on 24th May when Programme Director Dr Massimiliano Ditroilo alongside graduate Jon Mackey and current student Mark Casserly spoke about the MSc Coaching Science in Sport programme and answered questions from the audience. The webinar was chaired by Assistant Professor, Sport & Performance Programmes, Dr Seamus Kelly. A recording of the webinar can be found here and you can find out more about the programme here. Applications are being welcomed now.

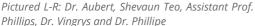
European Conference on Obesity (EC02023)

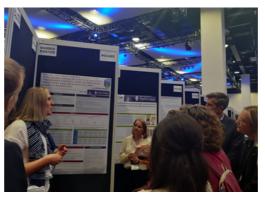
The 30th European Conference on Obesity (ECO) was held in the Convention Centre in Dublin on the 17th-20th of May. ECO is the European Association for the Study of Obesity annual scientific congress, which brings together colleagues from every area of obesity research, prevention and management.



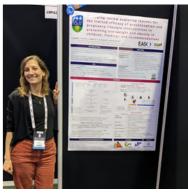
The SPHPSS was very well-represented with attendees and presenters from across the School. Assistant Professor Catherine Phillips' team (pictured below) including postdoctoral fellows (Dr. Adrien Aubert, Dr. Kaat Phillipe and Dr. Kristina Vingrys) and one PhD student (Shevaun Teo), presented posters based on their research on the Lifeways cohort and the European ALPHABET and EndObesity consortium projects.







Pictured: Dr. Vingrys at her guided poster session



Pictured: Dr, Philippe presenting her poster

Assistant Professor Clare Reynolds' PhD student, Michelle Kearns, also presented a poster at the conference (pictured) based on their research in collaboration with the University of Turku, Finland.

Members of the National Nutrition Surveillance Centre research team, Orla Kilduff, Jamie Slattery and Clodagh Lee presented their research on Round 6 of the Childhood Obesity Surveillance Initiative (COSI)-Ireland. Under the supervision of the COSI-Ireland Principal Investigator, Professor Cecily Kelleher, and Assistant Professor Celine Murrin, the team shared the initial pilot results and the user experience of using electronic devices to collect child anthropometric measurements, in presentations entitled 'The novel use of electronic devices for the collection of child anthropometric measurements for the Childhood Obesity Surveillance Initiative, Round 6 2022/2023', and 'Feasibility of the World Health Organisation (WHO) Childhood Obesity Surveillance Initiative (COSI) 2022/2023 in the Republic of Ireland during the COVID-19 pandemic: short school principal interviews'.



Pictured: Poster by Michelle Kearns and Asst Prof Clare Reynolds



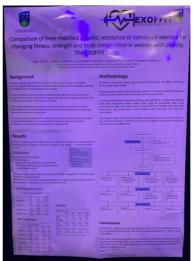


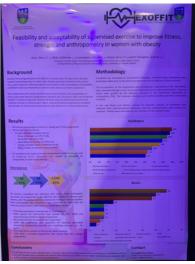
PhD student Fiona Curran (primary Professor supervisor Assistant Grainne O'Donoghue) presented a poster on her PhD research entitled: Perceived barriers and facilitators to interrupting sedentary time among adults living with obesity class II or III and a further poster with joint first author and fellow PhD student Mary E. Davis entitled: Correlates of physical activity and sedentary behaviour in adults living with overweight and obesity: a systematic review.

Pictured: Posters presented by F. Curran (left), and F. Curran and M.E. Davis (right)

European Conference on Obesity (EC02023)

PhD student Mary E. Davis (primary Professor supervisor Assistant Grainne O'Donoghue) presented two posters on her PhD research study 'The EXOFFIT Study' which was a 12-week supervised 4-arm exercise pilot study conducted on campus in the Institute for Sport and Health. The posters were 'Comparison of time-matched resistance or combined exercise training for changing cardiorespiratory fitness, strength and body composition in women living with obesity' and 'The feasibility and acceptability of a supervised exercise programme to improve cardiorespiratory fitness, strength and body composition in women living with obesity'.





Pictured: M. E. Davis PhD Research posters at ECO2023



PhD student Natasha Hinwood (primary supervisor Assistant Professor Keith Smart) presented a poster on her PhD research entitled: The Experiences of People Living with Obesity and Chronic Pain: A Qualitative Evidence Synthesis (QES).

Other SPHPSS research co-authored by Assistant Professor Grainne O'Donoghue with members of the Irish Coalition for People living with Obesity (ICPO) and the Association for the Study of Obesity on the Island of Ireland (ASOI) entitled: Patient-led obesity stigma awareness training for entry level healthcare students in Ireland – perceptions and feedback, was also presented at ECO2023.

Well done to all the presenters, research teams and supervisors.

Pictured: N. Hinwood PhD Research Poster at ECO2023 (left)

How Well does your Brain cope with Distractions when Making Decisions?



Professor Kate Pumpa recently returned from a visit to Swansea University where she has been collaborating with colleagues from Swansea and the University of Canberra on the development of a novel combined physical and cognitive assessment, termed the Flanker Y task, which tests how well your brain copes with distractions when making decisions. If you want to see this in action: click here. This project was presented at the European College of Sport Science Conference in Paris from the 5th-7th of July.

ACSM "Exercise is Medicine" Silver Level Status awarded to UCD



Pictured: 2023 ACSM Annual Meeting & World Congresses



AMERICAN COLLEGE of SPORTS MEDICINE

At the American College of Sports Medicine (ACSM) 2023 Annual Meeting and World Congress, UCD was officially awarded a silver level status by the Exercise is Medicine (EIM) Committee. Our ACSM EIM representative is Assistant Professor Grainne O'Donoghue.

CHAS Graduate Research Symposium

The UCD CHAS Graduate Research Student Symposium was held on Thursday 4th May. It was brilliant to see so many UCD School of Public Health, Physiotherapy and Sports Science researchers showcasing and chatting about their incredible work. In total, there were 32 abstract submissions from our School out of 110 with 3 being selected for oral presentation and 24 poster presentations, all of which are mentioned at the end of the newsletter (Conference Presentations section).

Prizes were awarded by CHAS College Principal, Professor Cecily Kelleher, to Carolyn Ingram, SPHPSS for 2nd Place Oral Presentation. Carolyn presented her research on "Homeless Health Research in the Republic of Ireland: An Evidence Map", conducted under the supervision of Assistant Professor Carla Perrotta. Well done Carolyn!

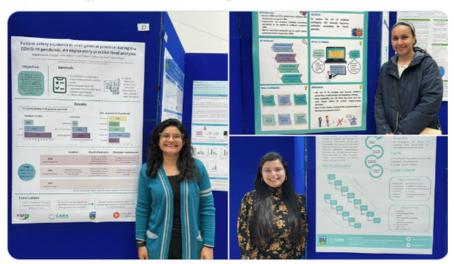
Two other SPHPSS students also delivered oral presentations on the day including MPH Student, Nandakumar Ravichandran (under the supervision of Professor Patricia Fitzpatrick) who spoke about his work on "The impact of use of Kaftrio CFTR Modulator as a first line treatment versus after prior CFTR modulator treatment on lung function in patients with Cystic Fibrosis", and Katie Wall (under the supervision of Professor Seamus Fanning and Professor Pat Wall) shared her findings on, "Glyphosate Induces Changes to Cellular Metabolic Pathways and Selects for Antimicrobial Resistance in Klebsiella species".

It was great to share such a vast amount of research and knowledge amongst peers - well done to everyone!



CARA #PhD scholars @Doaa_155 @NathalyGarzonO @ParveenSana7 presenting their #research at @UCD_CHAS Graduate Research Students Symposium today

@Dr_Akke @ucd_sphpss
#epidemiology #AI #socialmarketing

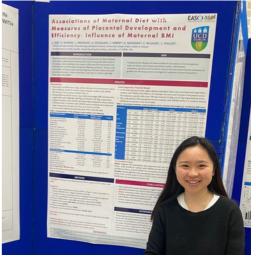


Clockwise: The CARA Network (Nathaly Orjuela, Sana Parveen, Doaa Amin) showcasing their posters, Carolyn Ingram at her oral presentation, Rini Bhatnagar at her poster and also with presenting MPH student, Nanda Ravichandran, and Shevaun Teo with her poster.









Partnership with the National Transfusion Service of Tanzania

Adjunct Associate Professor Allison Waters, alongside colleagues from the Irish Blood Transfusion Service, visited the National Blood Transfusion Service of Tanzania last month, as a first step in developing a partnership with the organisation.

The partnership will directly contribute to decreasing infectious diseases in the Tanzanian blood supply, as well as supporting increased blood component production in a safer and more sustainable manner. In Ireland, blood and platelet transfusions are a routine life-saving therapy for many vulnerable patients, and this partnership will contribute to more equitable healthcare by supporting the provision of this life-saving therapy to those patients currently under-served in Tanzania.

Pictured left: Associate Professor Allison Waters and colleagues from the Irish Blood Transfusion Service



SPHPSS Postgraduate Research Student Committee

We are delighted to introduce the 2023/2024 postgraduate research student committee: Isobel Stanley (PhD Public Health), Brian Mullen (PhD Public Health), Doaa Amin (PhD Public Health), Patricia Hall (PhD Public Health), Caitlin McDonald (PhD Physiotherapy), Jwenish Kumawat (PhD Public Health), Garett Van Oirschot (PhD Physiotherapy) and Natasha Hinwood (PhD Physiotherapy).

Our main objective is to advocate for the needs and interests of our postgraduate students, ensuring that their voices are heard and their concerns addressed. We aim to actively engage with faculty, staff, and university administration to drive positive change and ensure an inclusive, enriching, and empowering postgraduate experience for all.

Throughout the year we aim to organise a diverse range of events, seminars, and workshops that cater specifically to the needs of our postgraduate students. Last semester we had two very interesting seminars with thanks to some of our faculty; 'An overview of ontologies and epistemologies' with Dr Conor Buggy and 'A stage transfer crash course' with Dr Olive Lennon.

Outside of research and the classroom, we also hope to build a strong postgraduate student community within the school through social events and informal networking. Please join us for our first 'Summer Social' on the 14th July at 5pm in the UCD Clubhouse.

We would love to have representation across disciplines and degrees in the School. If you are a postgraduate research student in Sports Science or a research masters student and would like to be involved in the committee please get in touch with us by emailing sphpss.gsrforum@ucd.ie or join our WhatsApp group using the QR code.





Recent SPHPSS Alumni Appointments





Pictured: Left to right, Fiona Steed, MSc Neuromusculoskeletal Physiotherapy (2007) and Cliona O'Leary, MSc Sport Management (2018)

Congratulations to UCD SPHPSS alumni Fiona Steed and Cliona O'Leary on their recent appointments.

Fiona was appointed as the Chief Health and Social Care Professional Officer in the Department of Health and Cliona was appointed Director of Corporate Affairs, Communication and Marketing for Sport Ireland.

We wish you all the best in your new roles!

New UCD SPHPSS 'Advancing Healthcare' Micro-Credential

UCD micro-credentials are short, flexible, industry-aligned courses that are fully accredited. SPHPSS offers a suite of 'Advancing Healthcare' micro-credentials, which is designed for healthcare professionals seeking to strengthen their expertise and provide excellent continuity of care to their patients or clients.

We are delighted to announce the recent introduction of 'Advancing Healthcare: Behaviour Change Principles for Healthy Living'. This micro-credential has been developed to provide healthcare professionals with an understanding of how to apply the science of behaviour change to facilitate individuals to initiate and sustain healthy lifestyle behaviours. Find out more about this and our other micro-credentials here.

Applications are welcome now. We are currently offering UCD Alumni a 20% discount on all of our Advancing Healthcare microcredentials. This offer won't last so apply early!



UCD Thesis-In-Three Competition



PhD Student Mary E. Davis was delighted to represent SPHPSS at the UCD Thesis in Three competition on June 1st where she was awarded runner-up in the competition for her presentation on her PhD research titled 'COM and get it: Why weights for women with obesity is the way to go'.

Pictured: (From left to right) Research student and winner Sergei Katsuba, UCD Sutherland School of Law; Research student and runner up Laura Gunning, UCD Institute of Food and Health; Dean of Graduate Studies Assoc Prof Paul McCabe; Research student and runner up Mary Davis, UCD SPHPSS; Research student and winner of the 2023 Visualise Your Thesis Competition Ishani Atukoralalage, UCD School of Medicine

Update from the CARA Network

Originally established by Professor Akke Vellinga last year, the CARA Network team is now expanding. Afroja Ahmed joined us as a Research Assistant, helping out with teaching, organising and new research opportunities. We are also joined by four summer scholars, who will each do an 8-week research project. Our SPHERE scholar, Kevin Roche (University of Galway) and three MPH students, Vandana Kaushik, Weilan Chang and Aoife Moran. Welcome to all, and we're looking forward to the collaborations.



SUMMER STUDENT - AOIFE MORAN

Aoife is a final stage Master of Public Health student in UCD with a background in science. She has experience working in the pharmaceutical industry. She has a keen interest in contributing to public health research and is looking forward to beginning her scholarship with the CARA network.

SUMMER STUDENTS 2023







SUMMER STUDENT - KEVIN ROCHE

Kevin is a recipient of an Irish Research Council postgraduate PhD scholarship and is enrolled on the SPHeRE programme. He is based in the School of Psychology at the University of Galway and has a background in work and organisational psychology, cognitive science and health psychology. His PhD research aims to utilise behavioural science to optimise antibiotic prescribing among GP registrars in Irish General Practice

SUMMER STUDENTS 2023







SUMMER STUDENT - VANDAN KAUSHIK

Vandana is an MPH candidate at UCD with a background in dentistry. She has experience in public outreach and operations management at an e-pharmacy startup that distributed government-subsidised medicines. Her key research interests include epidemiology and digital health. She will be working on Chronic disease management data dashboards during her summer scholarship with the CARA network.

SUMMER STUDENTS 2023









SUMMER STUDENT - WEI-JAN CHANG

Wei-Jan Chang is a registered nurse from Taiwan. She is currently pursuing a Master's in Public Health at University College Dublin for the academic year 2022-2023. Her passion lies in biostatistics, epidemiology, clinical research, data analysis, and clinical trials. She aims to utilise her analytic skills within a collaborative team setting, providing robust data evidence for AMR (Antimicrobial Resistance) study in CARA NETWORK.

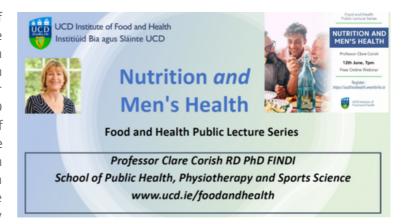
SUMMER STUDENTS
2023





Food and Health Public Health Lecture

Professor Clare Corish delivered the Institute of Food and Health food and health public lecture to mark the start of men's health week on 12th June 2023. The lecture was well-attended with Professor Corish introduced by Professor Dolores O' Riordan, Director of the UCD Institute of Food and Health and lots of questions ably moderated by Professor Lorraine Brennan. The lecture focused on nutrition in men living in Ireland and the role of nutrition and lifestyle in cardiovascular disease, prostate cancer, male fertility, maintaining a healthy body weight, physical activity smoking and alcohol.



International Journal of Sports Physiology and Performance Papers



Assistant Professor Massimiliano Ditroilo co-authored twin papers in the International Journal of Sports Physiology and Performance. His paper 'The Effect of Complex Training on Muscle Architecture in Rugby League Players' was the third most downloaded paper from this journal in March 2023. This paper compares the effects of variable-resistance complex training (VRCT) versus traditional complex training (TCT) on muscle architecture in rugby league players during a 6-week mesocycle.

IAT and Nutrition Society Irish Section Conferences

Assistant Professor Clare Reynolds was invited to present her group's research at the Irish Animal Technicians (IAT) conference in Trinity College Dublin on the 24th May this year. This conference shared the latest research and innovations in animal models from all over Ireland, as well as discussing the translational relevance and impact of animal research to humans.

The title of Clare's talk, 'Sweet Child O' Mine - The impact of caloric and non-caloric sweeteners on male fertility and offspring outcomes' was a fascinating look at the impact of sweetener consumption in fathers and the impact on their progeny, from recent and ongoing research from her lab group.

Clare also presented on this topic at the year's Nutrition Society Irish Section Conference, which took place in the Technological University of the Shannon (TUS), Midlands & Midwest, Ireland on 14th-16th June. The conference theme was 'Understanding the role of sex and gender in nutrition research'. As sex has implications for bioavailability, metabolism, distribution, and elimination of food and nutrients as well as life-stage differences in nutritional requirements, sex and gender may have implications in how individuals engage in different dietary behaviours and respond to nutrition interventions. Therefore, this conference explored the integration of the sex variable and the gender dimension in nutrition research and their impact on health.



Pictured: Assistant Professor Clare Reynolds at the IAT conference



Pictured: Assistant Professor Clare Reynolds

RCPI Faculty of Public Health Medicine Membership



Pictured: Asst Prof Perrotta

We are pleased to announce that Dr Carla Perrotta has become a Diplomate Member at the Faculty of Public Health Medicine, Royal College of Physicians Ireland, after passing Part I of the MFPHMI examinations. On Tuesday, May 23rd, Professor Cecily Kelleher, our College Principal and Dean of the Faculty, formally welcomed the new members in a ceremony. The Faculty of Public Health Medicine is Ireland's national professional and training organisation for public health medicine, accredited by the Medical Council of Ireland to improve the population's health.



IRC Employment-Based Postgraduate Programme Award

Assistant Profressor Max Ditroilo (pictured right) was awarded an IRC Employment-Based Postgraduate Programme Scholarship of €84,000. His project is titled 'Using non-invasive wearable technologies to estimate glycemic values in individuals living with Type 1 Diabetes'.

The Irish Research Council's Employment-Based Postgraduate Programme is a unique national initiative linking excellent researchers in all disciplines with workplace experience in an employment partner; ranging from multinational corporations to SMEs, public-sector agencies and, where justified, non-governmental organisations. The scheme provides awardees with the opportunity to pursue research in collaboration with a higher education institution while based in, and employed by, their employment partner.



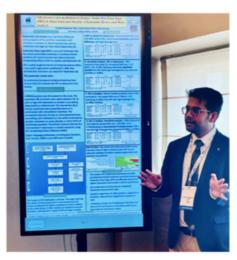


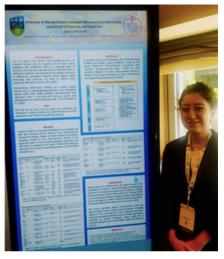
17th World Congress on Public Health



The SPHPSS was well represented at the 17th World Congress on Public Health (WCPH) in Rome in early May. There were ten presentations including three oral presentations by Associate Professor Mary Codd and Dr John Loughrey, four poster presentations by Dr Parnian Jalili, Dr Jwenish Kumawat and Dr Therese McGlacken, and participation by Karl Conyard and Associate Professor Mary Codd at three workshops including "What does the future of public health need to know about climate-health?", "Updated ECDC Core Competencies in Applied Infectious Disease Epidemiology: Processes, outcomes and opportunities for international academic collaboration" and "The way forward: strengthening health equity through social justice based approaches in public health education".







Pictured, left to right: Dr. John Loughrey (MD Candidate) Dr. Jwenish Kumawat and Dr. Parnian Jalili (PhD Candidates)

The UCD SPHPSS team led by Mary also highlighted the forthcoming ASPHER Deans' and Directors' Retreat to be held in UCD in Aug/Sept 2023. For more information on the retreat, which is taking place in Ireland for the first time and is open to all SPHPSS Staff members please visit: https://www.dublin2023.aspher.org/



Pictured: Dr. John Loughrey, Dr. Jwenish Kumawat, Karl Conyard, Associate Professor Mary Codd and Dr. Parnian Jalili at the WCPH in Rome.



Pictured: Dr. Jwenish Kumawat and Associate Professor Mary Codd promoting the forthcoming ASPHER Deans' and Directors' Retreat to be held in UCD this autumn.

UCD Physiotherapy and Dun Laoghaire Rathdown Leisure Services Partnership

Building on collaborative work over many years, a formal partnership has now been established between UCD and Dun Laoghaire Rathdown Leisure Services to provide experiential learning opportunities through student work placements at DLR leisure facilities. Led by Associate Professor Catriona Cunningham and Professor Catherine Blake and maintained by the Director of Clinical Education, Dr Sinead McMahon and the Physio Hub Clinical Tutor/Special Lecturer, Mary E. Davis, this partnership has proven to be an invaluable learning experience for both BSc and MSc Physiotherapy students.



Since January 2022, 24 Physiotherapy students have completed work experience at DLR Leisure services as part of their UCD Physio Hub professional practice placement. Here the students engage in 'real world' community gym work with a strong focus on exercise prescription for the prevention and management of chronic disease (e.g. cardiac rehab, falls prevention, aqua therapy, etc.) and with an inclusive 'exercise for all' ethos. This new education opportunity facilitates students to develop their understanding of pathways of care for individuals across acute hospital inpatient care, primary care, and living well independently in the community.



Such student learning opportunities are consistent with the Health Service Executive's emphasis on enhancing primary healthcare and the drive for the development of integrated clinical care pathways and intersectoral approaches to health promotion and chronic disease management in Ireland. Additionally, UCD students at DLR Leisure are making a positive contribution to the local community and creating a strong UCD presence beyond campus.

Texas A&M University Visit to UCD



Associate Professor James Matthews, on behalf of UCD SPHPSS, was delighted to welcome Dr Amber Shipherd of Texas A&M - Kingsville, and her students from the disciplines of physical therapy, occupational therapy, and sport psychology for a campus visit in May.

On their visit to campus, they took part in a research seminar with presentations from SPHPSS PhD students Carol Brennan, Fiona Curran and Mary E. Davis where they presented an overview of their PhD projects and some of their findings.

European Cancer Initiative in Breast Cancer Guidelines

Professor Patricia Fitzpatrick is currently reviewing and updating guidelines for the European Cancer Initiative in Breast Cancer where very new evidence has <u>emerged</u>. Patricia was also invited as the Irish Representative at the CanScreen-ECIS workshop held in Lyon in June 2023.

More information about the CanScreen project (a cancer screening management system) can be found here.



Pictured: CanScreen-ECIS Workshop members in Lyon

MSc in Clinical Nutrition and Dietetics Graduations

Congratulations to the MSc in Clinical Nutrition and Dietetics students who graduated on a gloriously sunny June 1st 2023. Thanks to all the UCD and practice placement sites who supported these students on their journey to registration as a dietitian. We wish them the very best in their future careers!







Pictured: Ciara Walsh and Sinead O'Donovan, joint winners of the INDI medal for highest consistent performance throughout their dietetics programme with Louise Reynolds, Communication Manager, INDI.

The Irish Nutrition and Dietetic Institute NDI Medal for 2023 was awarded to two joint winners: Sinead O'Donovan and Ciara Walsh. The award was presented by the President of UCD, Professor Orla Feely at the graduation ceremony. This award is made to the student(s) in each dietetic programme in the Republic of Ireland (both undergraduate and postgraduate) who achieve the highest consistent performance throughout all years of the programme. Sinead also presented the results of her MSc dissertation entitled "Healthcare worker reported knowledge, attitudes, and practices towards the role of the dietitian in managing non-communicable diseases: a rapid, scoping review" at the INDI Research Symposium in Trinity College Dublin on May 8th.



Pictured: Sinead O'Donovan

Professor Kate Pumpa joins Irish Sport & Exercise Sciences Association Working Groups



Professor Kate Pumpa has joined the business and strategy, and accreditation working groups for the Irish Sport & Exercise Sciences Association which will be launching in November 2023. This association will provide much needed support and advocacy for individuals working in the area of sport and exercise science in Ireland.

Graduate Programmes: Apply Now!

The UCD School of Public Health, Physiotherapy and Sports Science 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 here. International students can find more information about studying at UCD here.



RECENT PUBLICATIONS

Ares, G., De Rosso, S., Mueller, C., Philippe, K., Pickard, A., Nicklaus, S., van Kleef, E., Varela, P. Development of food literacy in children and adolescents: implications for the design of strategies to promote healthier and more sustainable diets, Nutrition Reviews, nuad072 (2023). https://doi.org/10.1093/nutrit/nuad072

Browne S and Corish C (2023) Managing malnutrition in older adults. *Forum: Journal of the ICGP.* 40: 5: 50-51. (in press)

Bhatnagar R, Tecklenborg S, Segurado R, Watt P, McAuley N, Fitzpatrick P. Impact of COVID-19 pandemic on healthcare system, work and mental well-being of people with cystic fibrosis. IJMed Sci (in press)

Bhatnagar R, Tecklenborg S, Segurado R, Watt P, McAuley N, Fitzpatrick P. Impact of COVID-19 Pandemic on Health Care System, Education, and Mental Well-being of Children with Cystic Fibrosis and their Parents Archives of Paediatrics 2023; 8: 240. www.doi.org/10.29011/2575-825X.100240

Bridge-Comer PE, Vickers MH, Ferraro S, Pagnon A, Reynolds CM, Sigaudo-Roussel D. Maternal Intake of Either Fructose or the Artificial Sweetener Acesulfame-K Results in Differential and Sex-Specific Alterations in Markers of Skin Inflammation and Wound Healing Responsiveness in Mouse Offspring: A Pilot Study. Nutrients. 2023 May 29;15(11):2534. doi: 10.3390/nu15112534

Connor C, McIntyre M, Delahunt E, Thorborg K. Reliability and validity of common hip adduction strength measures: the ForceFrame strength testing system versus the sphygmomanometer Physical Therapy in Sport 2022; 59; 162-169. DOI: 10.1016/j.ptsp.2022.12.010

Coyne, D., Butler, D., Meehan, A., Keogh, E., Williams, P., Carterson, A., Hervig, T., O'Flaherty, N., & Waters, A. (2023). The changing profile of SARS-CoV-2 serology in Irish blood donors. Global epidemiology, 5, 100108. https://doi.org/10.1016/j.gloepi.2023.100108

Cronin K, Foley S, Cournane S, De Vito G, Kerin F, Farrell G, Delahunt E. The architectural characteristics of the hamstring muscles do not differ between male and female elite-level rugby union players. Frontiers in Physiology 2023; 14: 1129061. DOI: 10.3389/fphys.2023.1129061

Fitzpatrick, P., Kavanagh, P., Frazer, K., Fox, P. Brennan, S., Lyons, A., and Bhardwaj, N. on behalf of the Research Team. Smoking Cessation for Patients with Cancer – the role of the Pharmacist. Irish Pharmacy News, May 2023 Page 14. <u>Link.</u>

Fitzpatrick, P., Kavanagh, P., Frazer, K., Fox, P. Brennan, S., Lyons, A., and Bhardwaj, N., on behalf of the Research Team. Smoking Cessation for Patients with Cancer – the role of the Pharmacist. Hospital Professional News, May 2023, Issue 108, page 74. <u>Link.</u>

Hayes et al. The Exercise during CHemotherapy for Ovarian cancer (ECHO) trial – design and implementation of a randomised, controlled trial. BMJ Open. 2023;**13:**e067925. <u>doi:10.1136/bmjopen-2022-067925.</u>

Heijboer WMP, Weir A, Vuckovic Z, Fullam K, Tol JL, Delahunt E, Serner A. Inter-examiner reliability of the Doha agreement meeting classification system of groin pain in male athletes. Scandinavian Journal of Medicine and Science in Sports 2023; 33: 189-196. <u>DOI: 10.1111/sms.14248</u>

Horan D, Büttner F, Blake C, Hägglund M, Kelly S, Delahunt E. Injury incidence rates in women's football: a systematic review and meta-analysis of prospective injury surveillance studies. British Journal of Sports Medicine 2023; 57: 471-480. DOI: 10.1136/bjsports-2021-105177

Horan D, Kelly S, Hägglund M, Blake C, Roe M, Delahunt E. Players', head coaches, and medical personnel knowledge, understandings and perceptions of injuries and injury prevention in elite-level women's football in Ireland. Sports Medicine Open (In Press).

RECENT PUBLICATIONS

Kelly, EL, Minehan M, & Pumpa KL. Maximal Strength Training as a Pathway to Positive Body Image: A Qualitative Exploration of the Experiences of Female Powerlifters. Women in Sport and Physical Activity Journal. Accepted 26th April 2023. Advance online publication. https://doi.org/10.1123/wspaj.2022-0088.

Lecorguillé M, Navarro P, Chen LW, Murrin C, Viljoen K, Mehegan J, Shivappa N, Hébert JR, Kelleher CC, Suderman M, Phillips CM. Maternal and Paternal Dietary Quality and Dietary Inflammation Associations with Offspring DNA Methylation and Epigenetic Biomarkers of Aging in the Lifeways Cross-Generation Study. J Nutr. 2023 Apr;153(4):1075-1088. doi: 10.1016/j.tjnut.2023.01.028.

Lecorguillé M, Schipper MC, O'Donnell A, Aubert AM, Tafflet M, Gassama M, Douglass A, Hébert JR, de Lauzon-Guillain B, Kelleher C, Charles MA, Phillips CM, Gaillard R, Lioret S, Heude B. Impact of parental lifestyle patterns in the preconception and pregnancy periods on childhood obesity. Front Nutr. 2023 May 18;10:1166981. doi: 10.3389/fnut.2023.1166981.

Maren Viol, Constantia Anastasiadou, Louise Todd & Eleni Theodoraki (2023) Deconstructing commemorative narratives: the anniversaries of the fall of the Berlin Wall, Leisure Studies, DOI: 10.1080/02614367.2023.2215468

Mason RJ, McKune AJ, Pumpa KL, Mara JK, Engel AC, Kilduff LP, Ball, NB. The effects of a field-based priming session on perceptual, physiological and performance markers in female rugby sevens players. International Journal of Sports Physiology and Performance. Accepted. 30th May 2023.

Murphy, C.H., McCarthy, S.N., McMorrow, A.M., Egan, B., McGowan, M.J., Rafferty, S., Corish, C.A., Roche, H.M. (2023) Prevalence and determinants of sarcopenia in community-dwelling older adults in Ireland. Aging Clin Exp Res. https://doi.org/10.1007/s40520-023-02453-4.

Moura, A.F., Philippe, K. Where is the father? Challenges and solutions to the inclusion of fathers in child feeding and nutrition research. BMC Public Health 23, 1183 (2023). https://doi.org/10.1186/s12889-023-15804-7

O'Leary E, Millar SR, Perry IJ, Phillips CM. Association of adverse childhood experiences with lipid profiles and atherogenic risk indices in a middle-to-older aged population. SSM Popul Health. 2023 Apr 5;22:101393. doi: 10.1016/j.ssmph.2023.101393.

O'Reilly S, Kathryn Carroll H, Murray D, Burke L, McCarthy T, O'Connor R, Kilty C, Lynch S, Feighan J, Cloherty M, Fitzpatrick P, Falvey K, Murphy V, Jane O'Leary M, Gregg S, Young L, McAuliffe E, Hegarty J, Gavin A, Lawler M, Kavanagh P, Spillane S, McWade T, Heffron M, Ryan K, Kelly PJ, Murphy A, Corrigan M, Redmond HP, Redmond P, Walsh PM, Tierney P, Zhang M, Bennett K, Mullooly M. Impact of the COVID-19 pandemic on cancer care in Ireland - Perspectives from a COVID-19 and Cancer Working Group. J Cancer Policy. 2023. doi: 10.1016/j.jcpo.2023.100414

Rees H, McCarthy Persson U, Delahunt E, Boreham C, Blake C. Contact injuries in field hockey and the potential role for personal protective equipment. Journal of Sports Sciences 2023; 41: 63-71. DOI: 10.1080/02640414.2023.2197356

Scott DJ, Marshall P, Orange ST, Ditroilo M (2022). The Effect of Complex Training on Muscle Architecture in Rugby League Players. Int J Sports Physiol Perform. 18(3):231-239 DOI: 10.1123/ijspp.2021-0570

Scott DJ, Ditroilo M, Orange ST, Marshall P (2023). The Effect of Complex Training on Physical Performance in Rugby League Players. Int J Sports Physiol Perform. 18(3):240-247. <u>DOI:</u> 10.1123/ijspp.2021-0565

Teo SM, Murrin CM, Mehegan J, Douglass A, Hébert JR, Segurado R, Kelleher CC, Phillips CM. Associations between the maternal healthy lifestyle score and its individual components during early pregnancy with placental outcomes. Placenta. (2023) Jun 13;139:75-84. doi: 10.1016/j.placenta.2023.06.001

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Vasconcelos M., Khosravi L., Imort D., Mediavilla M G, Ahmed L, Früh E.,Renk H,Nyang'wa M N ., Sritharan R., Bongard E, Aabenhus R, Balan A., Böhmer F., Chlabicz S., Coenen S., García-Sangenís A., Ghazaryan H., Lionis C., van der Linde S., Malania L., Pauer J., Tomacinschii A., Vellinga A., Verheij T., Goossens H., Butler C C ., van der Velden A., Bielicki J. Antibiotics and uncertainty of diagnosis in viral respiratory infections: Point-prevalence survey across 15 European countries. Acta Paediatrica 2023. https://doi.org/10.1111/apa.16855

Vingrys K, McCarthy H, Segurado R, Hébert JR, Phillips CM. Socio-ecological predictors of dietary inflammatory scores and associations with childhood and adolescent adiposity: A protocol for a rapid scoping review of observational studies. PLoS One. 2023 May 25;18(5):e0286200. doi: 10.1371/journal.pone.0286200.

CONFERENCE PRESENTATIONS

UPSCALE Pain School (Undergraduate Physiotherapy Pain Science Augmentation Project), January 2023, Ljubljana, Slovenia.

Cunningham, C. Physical Activity and Exercise for People living with Pain. [invited lecture].

British Society for Colposcopy & Cervical Pathology Conference April 2023

Comer R, Fitzgibbon S, Gleeson G, Fitzpatrick P, Mooney T, Russell NE. The Evolution of the CervicalCheck Screening Training Unit (STU). [poster presentation]

Fitzpatrick P, Mooney T, Williams Y, Mason Mohan C, Russell N. (ORAL) The international experience of interval cancer rate calculation in cervical screening programmes. [Proffered Paper]

McCarthy R, O'Connor M, Mooney T, Gleeson G, Fitzpatrick P, Russell NE. HPV understanding in Ireland – 1 year after the introduction of primary HPV cervical screening. [poster presentation]

McCarthy R, O'Connor M, Mooney T, Gleeson G, Ness F, Mason Mohan C, Fitzpatrick P, Russell NE. Motivators And Barriers To Cervical Screening In Ireland: Findings From A Nationally Representative Survey [poster presentation]

O'Connor M, McCarthy R, Fitzpatrick P, Mooney T, Ness F, Heavey L, Gleeson G, Russell NE. HPV understanding in Ireland – 1 year after the introduction of primary HPV cervical screening. [poster presentation]

Rourke M, Mooney T, Fitzpatrick P, Heavy L, Mason Mohan C, Martin CM, Jessop L, Russell NE. The effect of HPV vaccination on the rate of high-grade cytology in 25-year-old women attending for cervical screening in Ireland. [poster presentation]

Physiotherapy Research Society Conference, 21st April, 2023, Manchester, England

Davis, M. E., Blake, C., Cunningham, C., Carson, B. P. and O'Donoghue, G. Comparison of time-matched aerobic, resistance or combined exercise for changing fitness, strength and body composition in women with obesity. [oral presentation]

Davis, M. E., Blake, C., Cunningham, C., Carson, B. P. and O'Donoghue, G. Feasibility and acceptability of supervised exercise to improve fitness, strength and anthropometry in women with obesity. [poster presentation]

3rd International Congress of Health Education and Research & AoME Annual Academic Meeting, 27-29 June 2023, Cardiff, UK

Heffernan M, Dervan N, Corish C, Kenny C, O'Donoghue G, Murrin C, Fitzpatrick P. Provision of real-world experiential learning for healthcare professional students in a healthy campus setting. (Oral Presentation)

23

Irish Society of Chartered Physiotherapists Clinical Lecture Series, 3rd May, online, 2023

Davis, M.E. The Role of Physiotherapists in the Management of Overweight and Obesity in Adults (a lecture on the new ISCP guidance document that was developed with Dr Gráinne O'Donoghue and in collaboration with Dr Caitriona Cunningham, Colin Dunlevy, Emer O'Malley and Dr Grace O'Malley and on the results of EXOFFIT Study with Prof. Catherine Blake, Dr Caitriona Cunnigham and Dr Brian P. Carson). [lecture].

CHAS research symposium 2023, 4th May 2023, University College Dublin, Dublin, Ireland

Amin, D Artificial Intelligence to Improve Antibiotic Prescribing: A Systematic Review [poster presentation]

Bhatnagar R, Bhardwaj N, Linnane B, Herzig, M, Ni Chroinin M, Mullane D, Cox D, McNally P, Javadpour S, Elnazir B, Greally P, Kirwan L, Segurado R, Fitzpatrick P. Hospital admissions due to pulmonary exacerbation in the first five years of life in children with cystic fibrosis in Ireland – The Irish Comparative Outcome Study of Cystic Fibrosis (ICOS) Part 2. [poster presentation]

Carroll, M. Co-Design of An Information Website for Women with Pelvic Organ Prolapse. [poster presentation]

Curran, F. A Standardised Core Outcome Set for Measurement and Reporting Sedentary Behaviour Interventional Research: The Crosbi Consensus Study. [poster presentation]

Curran, F. and Davis, M. E. Correlates of Physical Activity and Sedentary Behaviour in Adults Living with Overweight and Obesity: A Systematic Review. [poster presentation]

Deegan, O. Acceptability of The Combined Online Interactive Mindfulness and Exercise Programme (Move-Online) For Adults with Chronic Pain- A Qualitative Study. [poster presentation]

El Yaakoubi, NA Neural Network Architectures for The Prediction of Lower Limb Kinematics and The Lower Limb Muscles and Brain Regions That Are Most Utilised in Prediction Models: A Systematic Review. [poster presentation]

Flynn, O. Migraine: Not Just a Headache. [poster presentation]

Hall, P Interventions for Behaviour Change and Self-Management of Risk in Stroke Secondary Prevention: An Overview of Reviews (Phase 1). [poster presentation]

Hinwood, N. The Experiences of People Living with Obesity and Chronic Pain: A Qualitative Evidence Synthesis (QES) Protocol. [poster presentation].

Kearns ML, Koelle S, Neville C, Reynolds CM. The impact of non-caloric sweeteners and high-fat diet feeding on reproductive parameters in mice. [Poster Presentation]

McDonald, C Brain and Muscle Activity Related to 3D Sit-To-Stand Kinematics in Healthy Adults and In Central Neurological Pathology- A Systematic Review. [poster presentation]

McMahon, M. A. Systematic Review and Meta-Analysis of Respiratory Dysfunction in Parkinson's Disease. [poster presentation]

Orjuela, N. Patient Safety Incidents in Irish General Practice During the Covid-19 Pandemic. An Exploratory Practice Level Analysis. [poster presentation]

Ravichandran N, Kirwan L, Fitzpatrick P. The impact of use of Kaftrio CFTR Modulator as a first line treatment versus after prior CFTR modulator treatment on lung function in patients with Cystic Fibrosis (Oral Presentation)

CHAS research symposium 2023, 4th May 2023, University College Dublin, Dublin, Ireland (Cont'd) Stanlaigh, I. Greenhouse Gas Emissions from Food System Activities in Ireland 1990-2018. [poster presentation]

Teo, S. Does Maternal BMI Status Influence Early Pregnancy Dietary Associations with Placental Development and Efficiency? [poster presentation]

Van Oorschot, G. An Evaluation of Multimedia Patient Education Design for Musculoskeletal Healthcare: A Systematic Review. [poster presentation]

European Congress on Obesity 2023, 17th-20th May 2023, Dublin Ireland

Aubert AM, Douglass A, Navarro P, Mehegan J, Murrin CM, Kelleher CC, Phillips CM; Lifeways Cross-Generation Cohort Study. Paternal healthy lifestyle score and childhood overweight and obesity in the Lifeways Cross-Generation Cohort Study. [poster presentation]

Birney, S., Murphy, M., Keenan, B., Hoey, L., Bagnall, M., Healy, M., Whelan, B., Kendellen, L., Bennett, A. E., Harrington, T., Browne, S., Mcgillicuddy, F., O'Donoghue, G. and O'Connell, J. Patient-led obesity stigma awareness training for entry level healthcare students in Ireland – perceptions and feedback.

Curran, F., Brennan, C., Matthews, J. and O'Donoghue, G. Perceived barriers and facilitators to interrupting sedentary time among adults living with obesity class II or III. [poster presentation]

Curran, F., Davis, M. E., Murphy, K., Tersigni, N., King, A. Ngo, N. and O'Donoghue, G. Correlates of physical activity and sedentary behaviour in adults living with overweight and obesity: a systematic review. [poster presentation]

Davis, M. E., Blake, C., Cunningham, C., Carson, B. P. and O'Donoghue, G. Comparison of time-matched aerobic, resistance or combined exercise training for changing cardiorespiratory fitness, strength and body composition in women living with obesity. The EXOFFIT study. [poster presentation]

Davis, M. E., Blake, C., Cunningham, C., Carson, B. P. and O'Donoghue, G. The feasibility and acceptability of a supervised exercise programme to improve cardiorespiratory fitness, strength and body composition in women living with obesity: The EXOFFIT study. [poster presentation]

Hinwood, N. S, Casey, M. B., Doody, C., Blake, C., Fullen, B., O'Donoghue, G., Dunlevy, C. G., Birney, S. Fildes, F. and Smart, K. The Experiences of People Living with Obesity and Chronic Pain: A Qualitative Evidence Synthesis (QES). [poster presentation]

Kearns ML, Lahenpera M. Rautiva S, Galante L, Lagstrom H, Reynolds CM. Association of paternal BMI and diet during pregnancy with offspring z-scores between 0-5 years of age. [Poster Presentation]

Philippe K, Teo SM, Perrotta C, McAuliffe FM, Phillips CM. A Scoping Review exploring Reasons for the Limited Efficacy of Preconception and Pregnancy Lifestyle Interventions in Preventing Overweight and Obesity in Children: Findings and Recommendations. [poster presentation]

Teo SM, Murrin CM, Mehegan J, Douglass A, Hébert JR, Segurado R, Kelleher CC, Phillips CM, Maternal diet and placental development and efficiency: role of maternal BMI. [poster presentation]

Vingrys K, Hébert R, Chen L-W, Crozier S, Duijts L, Harvey NC, Jaddoe VWV, Kelleher CK, McAuliffe FM, Polanska K, Suderman M, Bottai M, Segurado R, Phillips CM. Dietary inflammation and associations with weight status in European children: preliminary findings from an individual participant data meta-analysis and quantile regression. [poster presentation]

Texas A&M PhD Research Symposium, 22nd May 2023, University College Dublin, Dublin, Ireland.

Brennan, C. Developing a physical activity intervention prototype for pre-teen girls and their mothers (presentation of PhD research supervised by Dr James Matthews, Dr Gráinne O'Donoghue, Dr Alison Keogh and Prof Ryan Rhodes). [oral presentation]

Curran F. A theory and person based approach to sedentary behaviour intervention for adults with obesity (presentation of PhD research supervised by Dr Gráinne O'Donoghue, Dr. James Matthews). [oral presentation]

Davis M.E. The EXOFFIT Study: an overview of the PhD project (presentation of PhD research supervised by Dr Gráinne O'Donoghue, Prof Catherine Blake, Dr Caitriona Cunningham, Dr Brian P. Carson). [oral presentation]

ISCP CPOHE Bariatric Study Day, 27th May 2023, St. Vincent's Hospital, Dublin, Ireland

Davis, M.E. The Role of Physiotherapists in the Management of Overweight and Obesity in Adults (a lecture on the new ISCP guidance document that was developed with Dr Gráinne O'Donoghue and in collaboration with Dr Caitriona Cunningham, Colin Dunlevy, Emer O'Malley and Dr Grace O'Malley and on the results of EXOFFIT Study with Prof. Catherine Blake, Dr Caitriona Cunningham and Dr Brian P. Carson). [invited guest speaker]

UCD Thesis in Three and Visualise Your Thesis Presentation, 1st June 2023, UCD, Dublin, Ireland.

Davis, M. E. 'COM and get it: weights for women is the way to go.' The role of exercise in the management of obesity in women. (presentation of PhD research supervised by Dr Gráinne O'Donoghue, Prof Catherine Blake, Dr Caitriona Cunningham, Dr Brian P. Carson). [short oral presentation].

Davis, M. E. Comparison of time-matched aerobic, resistance or combined exercise training for changing cardiorespiratory fitness, strength and body composition in women living with obesity. The EXOFFIT study (presentation of PhD research supervised by Dr Gráinne O'Donoghue, Prof Catherine Blake, Dr Caitriona Cunningham, Dr Brian P. Carson). [short video presentation].

European Cystic Fibrosis Conference, Vienna, 7-9 June 2023

Bhatnagar R, Bhardwaj N, Linnane B, Herzig M, Ni Chroinin M, Mullane D, Cox D, McNally P, Javadpour S, Elnazir B, Greally P, Kirwan L, Lancaster G, Glasscoe C, Segurado R, Southern KW, Fitzpatrick P The Challenge of Living with CF-Short Form - Challenges experienced by parents/caregivers of children with cystic fibrosis in Ireland: The Irish Comparative Outcomes study (ICOS). Journal of Cystic Fibrosis, Volume 22, Issue Supplement 2, S41, June 2023, DOI: https://doi.org/10.1016/S1569-1993(23)00306-5 [e-poster]

Bhatnagar R, Bhardwaj N, Linnane B, Herzig M, Ni Chroinin M, Mullane D, Cox D, McNally P, Javadpour S, Elnazir B, Greally P, Kirwan L, Segurado R, Fitzpatrick P. Hospital admissions due to pulmonary exacerbation in the first five years of life in children with Cystic Fibrosis in Ireland: The Irish Comparative Outcome Study of Cystic Fibrosis (ICOS). Journal of Cystic Fibrosis, Volume 22, Issue Supplement 2, S57, June 2023, DOI: https://doi.org/10.1016/S1569-1993(23)00356-9 [e-poster]

UCD Thesis in Three and Visualise Your Thesis Presentation, 1st June 2023, UCD, Dublin, Ireland.

Davis, M. E. 'COM and get it: weights for women is the way to go.' The role of exercise in the management of obesity in women. (presentation of PhD research supervised by Dr Gráinne O'Donoghue, Prof Catherine Blake, Dr Caitriona Cunningham, Dr Brian P. Carson). [short oral presentation].

Davis, M. E. Comparison of time-matched aerobic, resistance or combined exercise training for changing cardiorespiratory fitness, strength and body composition in women living with obesity. The EXOFFIT study (presentation of PhD research supervised by Dr Gráinne O'Donoghue, Prof Catherine Blake, Dr Caitriona Cunningham, Dr Brian P. Carson). [short video presentation].

Exercise is Medicine seminar series, Queen Mary University London

Pumpa K. Nutritional interventions to minimise muscle atrophy. (Oral presentation)

Faculty of Public Health Medicine Scientific Meeting Summer 2023, 23rd-24th May, Dublin, Ireland. Oral Presentations

- The impact of demographic change on health service utilisation. Triona McNicholas
- A "jab" well done –evaluation of an immunisation workshop for General Practice Nurses (GPNs) in Area B Midlands. Fiona McGuire
- County-level variation in hospital activity: implications for resource allocation and the new model of Public Health change format. Sheila O'Hare
- A comparative analysis of Department of Public Health tuberculosis control activities 2016 and 2022. Ciara Carroll
- Predicting Low Cognitive Ability at Age 5 Years using Machine Learning Methods: Findings From a Population based Cohort Study. Andrea Bowe
- Opening Pandora's Box Report of a Regional Public Health Area staff psychosocial wellbeing risk assessment. Lucinda Ryan
- Comparison of challenge living with cystic fibrosis short form and Carer Qol questionnaires among parents of children with cystic fibrosis: Irish comparative outcome study. Rini Bhatnagar
- Disparities in oral health and oral healthcare attendance in Ireland: A cross-sectional study. Ellen Cosgrave
- Co-development of a tailored smoking cessation protocol for and with cancer patients: results from a multi-method study. Patricia Fitzpatrick
- Going Places? A Case Study of How Spatial and Transport Planning Could Affect Health and Health Inequalities H&WB. James Connell
- Early detection of risk factors for diabetic foot ulceration does it meet the principles of population-based screening? A scoping review of the literature. Jennifer Pallin
- An outbreak of invasive Group A Streptoccocus in a residential care facility in the North-East of Ireland. Ciara Carroll
- Healthcare Assistant and Carers in Ireland: Battling for resources during SARS CoV-2, Wave 1: A Rapid-Response Survey. Karl F Conyard
- A cluster of Histamine Fish Poisoning associated with the ingestion of tuna. Therese McGlacken

Poster Presentations

- A systematic review of effectiveness of video-based intervention for oral health promotion in children compared to traditional intervention. Pooja Agarwal
- Podiatrists' experience of implementing Ireland's National Model of Care for The Diabetic Foot. Jennifer Pallin
- A systematic review of the physical and mental health impact of dance interventions among patients with non-infectious pulmonary diseases. Vikram Nranjan
- Building the evidence base to define acceptable transfer duration for women planning to give birth at home with the HSE Home Birth Service a literature review. Ciara Carroll
- Do neonates born exposed to prenatal passive tobacco smoke exposure have lower than average full-term birth weight or not? : A systematic review. Vikram Nranjan
- Bed utilisation & emergency department attendance studies, Letterkenny & Sligo University Hospitals. Niamh Dever
- The role of genetic sequencing in the identification of clusters of COVID-19 and its public health implications. Parnian Jalili
- Epidemiological Transmission patterns and use of Whole genome sequencing in investigating campus based COVID-19 outbreaks during the second and third waves of SARS-CoV-2 infection. Jwenish Kumawat
- Driving an All-Island perspective supporting Smoke-Free Homes enabling patient and public involvement (PPI): voice and choice. Kate Frazer
- Comparing the family characteristics, professional profile, and personality traits of COVID-19 volunteer and non-volunteer frontline healthcare workers at the epicenter in Nigeria. Olalekan Popoola
- Reported National Expenditure on Tuberculosis and Tuberculosis Incidence in Low- and Middle-Income Countries. James Connell
- Pilot implementation of patient-reported outcome measures to support evaluation of the national chronic disease management programme. Ellen Cosgrave

Faculty of Public Health Medicine Scientific Meeting Summer 2023, 23rd-24th May, Dublin, Ireland.

Poster Presentations (cont'd)

- Rapid evaluation of the Mpox vaccination programme in Ireland. Ruth Ceannt
- That's what wellbeing meant to me": Qualitative analysis of health and wellbeing impacts of dancing intervention among patients with pulmonary fibrosis. Vikram Niranjan
- Socioeconomic disparities in Beliefs about cancer: Findings from the first national cancer awareness survey. Sheila O Hare
- Communication, Advocacy, Public Health Literacy and Infodemiology in Public Health Curriculum: An Evolving European Perspective. Karl F Conyard
- COVID-19 Outbreak in an Irish Meat Processing Plant, December 2021, Retrospective Cohort Study. Lucinda Ryan
- Response of Repeat positive SARS-CoV-2 infection cases reported in Ireland from March 2021 August 2021: an observational retrospective analysis. Jwenish Kumawat
- 'THIS IS PUBLIC HEALTH (TIPH)': Application of the ECDC Self-Assessment Tool for Applied Infectious Disease Epidemiology in Master-level Public Health programmes in Ireland. Mary Codd
- Compliance with HIQA regulations as an independent factor predicting nursing home pandemic performance. John Loughrey
- Derivation and validation of clinical prediction rules for diagnosis of infectious mononucleosis: a prospective cohort study. Muireann De Paor

International Cancer Screening Network Conference, 21st-22nd June, Turin, Italy.

Fitzpatrick P, Mooney T, Williams Y, Mason Mohan C, Russell N. The international experience of interval cancer rate calculation in cervical screening programmes. [poster presentation]

McCarthy R, O'Connor M, Mooney T, Gleeson G, Ness F, Mason Mohan C, Fitzpatrick P, Russell NE, What influences attendance and non-attendance for cervical screening. [poster presentation]

Mooney T, Kennedy RAK, Fitzpatrick P, Coffey H, Sheedy M, MacMathúna P. The Impact of Delayed Screening Colonoscopies during the COVID-19 Pandemic on Clinical Outcomes. [poster presentation]

O'Connor M, McCarthy R, Ness F, Heavy L Mooney T, Fitzpatrick P. Awareness of benefits and limitations of cancer screening among the general public in Ireland: results from a national online survey. (Oral Presentation)

O'Connor M, Mooney T, Fitzpatrick P, Coffey H, MacMathuna P. Understanding of, and attitudes towards bowel cancer screening among the Irish public: implications for communication strategies. [poster presentation]

O'Driscoll J, Mooney T, Kearney P, Williams Y, Lynch S, Connors A, Larke A, McNally S, O'Doherty A, Murphy L, Bennett KE, Fitzpatrick P, Mullooly M, Flanagan F. The impact of the COVID-19 pandemic on population-based breast screening in Ireland. [poster presentation]

O'Driscoll J, Burke A, Bennett KE, Mullooly M Mooney T, Smith A, Fitzpatrick P, Kearney P, Phelan N, Baldelli P, Lynch S, Flanagan F, Connors A, Larke A, McNally S, O'Doherty A, Murphy L, Flanagan F. A scoping review of mammographic breast density related practices within breast screening programmes. [poster presentation]

Rourke M, Mooney T, Fitzpatrick P, Heavey L, Mason Mohan C, Martin C, Jessop L, Russell N. The effect of HPV Vaccination on the rate of high-grade cytology in 25-year-old women attending for cervical screening in Ireland. [poster presentation]

2nd Annual Football Performance Nutrition (FPN) Summit, Virtual, 13-15th June, 2023

Pumpa K. New Science on Nutrition for Sleep. (Oral presentation)

ISCP CPOHE Bariatric Study Day, 27th May 2023, St. Vincent's Hospital, Dublin, Ireland

Davis, M.E. The Role of Physiotherapists in the Management of Overweight and Obesity in Adults (a lecture on the new ISCP guidance document that was developed with Dr Gráinne O'Donoghue and in collaboration with Dr Caitriona Cunningham, Colin Dunlevy, Emer O'Malley and Dr Grace O'Malley and on the results of EXOFFIT Study with Prof. Catherine Blake, Dr Caitriona Cunningham and Dr Brian P. Carson). [invited guest speaker]

17th World Congress on Public Health, Rome, 2nd-6th May Workshops

- What does the future of public health need to know about climate-health? Speakers: Laurent Chambaud, Ines Siepmann, Karl F. Conyard, Mary Codd
- Updated ECDC Core Competencies in Applied Infectious Disease Epidemiology: Processes, outcomes and opportunities for international academic collaboration. Speakers: Mary Codd, Karl F Conyard, Nadav Davidovitch, Ralf Reintjes
- The way forward: strengthening health equity through social justice based approaches in public health education. Speakers: Yudit Namer, Karl F. Conyard, Emma Schlegel, Diana Podar, Mary Codd

Oral Presentations

- Exploring Maternal Mortality in Southern Ethiopia: A qualitative study. Presenter: Mary Codd
- Impact of COVID-19 in Irish Nursing Homes: An assessment of variables associated with performance during first wave of the pandemic. Presenter: John Loughrey
- ASPHER General Assembly: ASPHER-WHO Core Curriculum Updates. Presenter: Mary Codd

Poster Presentations

- A review of the association between micronutrients and risk and severity of COVID-19. Presenter: Parnian Jalili
- Epidemiological Transmission patterns and use of Whole genome sequencing in investigating campus based COVID-19 outbreaks during the second and third waves of SARS-CoV-2 infection. Presenter: Jwenish Kumawat
- Effectiveness of a meditation technique Sudarshan Kriya Yoga (SKY) on Depression and Anxiety: A Systematic Review and Meta-Analysis. Presenter: Jwenish Kumawat
- Comparison, by Country, of the Uptake of COVID-19 Vaccination by Health Care Workers in the EU/EEA January June 2021. Presenter: Therese McGlacken

CONTACT US

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