FEB 2024. ISSUE 12



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 2024 of SPHPSS in Focus!

As always it has been a busy time in the school, with lots of news about our staff, students and alumni to report on. Since our last newsletter, we would like to welcome new staff members Phoebe Evans (Biostatistician in CSTAR), Cian Gaffney (Senior Administrator Admin Support Team), Dr John Loughrey (Teaching Fellow in Biostatistics), Dr Sewon Lee (Postdoctoral Research Fellow) and Dr Niamh Merriman (HRB ARPP Fellow). Congratulations to Dr Sinead Holden (Assistant Professor in Sport and Exercise Science) on her recent Ad Astra Fellowship success and new role.

There has been much to celebrate, including graduations and 40 years of the Master of Public Health programmes. We were delighted for the SPHPSS to be awarded the 2023 ASPHER Award for Excellence in Teaching & Practice of Public Health.

Our undergraduate and postgraduate students and alumni continue to make us proud. Congratulations to final year PhD student, Shevaun Teo, who won first prize for her presentation at the ASPHER Young Researchers' Forum, Derbhla Nolan (BSc Physiotherapy graduate) who was the 2023 Prizewinner of the NUI Dr HH Stewart Medical and Health Sciences Prize for Physiotherapy, and Andrea O'Reilly (Physiotherapy student) who received a Gold award for her work with the UCD Volunteer Overseas Physiotherapy Projects in Uganda.

We encourage you to read on to find out more about the latest research, teaching, activities and achievements in the SPHPSS.

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**
- H Dip in Safety, Health and Well-Being at Work
- Cert. in Safety and Health at Work
- 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 receives ASPHER Teaching & Practice Excellence Award



Pictured: ASPHER President Carlo Signorelli, SPHPSS Asst Prof Celine Murrin, Prof Catherine Blake, Prof Patricia Fitzpatrick, Assoc Prof Mary Codd & Prof Pat Wall

The 2023 ASPHER (Association of Schools of Public Health in the European Region) Award for Excellence in Teaching and Practice of Public Health was awarded to the UCD School of Public Health, Physiotherapy and Sports Science University College Dublin.

ASPHER President Carlo Signorelli presented the award to the SPHPSS team at the ASPHER Deans' and Directors' Retreat gala dinner held at the UCD University Club, which was attended by ASPHER delegates including some of the UCD team of Faculty members from the College of Health and Agricultural Sciences and the SPHPSS, as well as ASPHER Fellow Carl Conyard, graduate students and MPH and Europubhealth student volunteers.



Pictured: Prof Cecily Kelleher, UCD College of Health & Agricultural Sciences Principal, Prof Catherine Blake, Head of the SPHPSS, Public Health Faculty members Prof Patricia Fitzpatrick, Assoc Prof Mary Codd, Prof Patrick Wall, Asst Prof Celine Murrin, ASPHER Fellow Karl Conyard, graduate students and MPH / Europubhealth student volunteers

Invited Speaker at the 7th IOC World Conference in Monaco



Assistant Professor - Ad Astra Fellow Dr Sinead Holden has been invited to speak at the upcoming International Olympic Committee conference on prevention of injury and illness in sport, which will be held in Monaco from the 29th February to the 2nd March. Registration is open and you can find the details here: https://olympics.com/ioc/medical-research/7-th-ioc-world-conference-on-prevention-of-injury-and-illness-in-sport

British Association of Sport and Exercise Sciences conference

A small delegation from our School including Prof. C. Boreham, Dr. M. Ditroilo and PhD student E. Donnelly travelled to Coventry (UK) for the annual British Association of Sport and Exercise Sciences (BASES) conference last November 16-17th. The theme of the conference was "Emerging practice: cutting edge approaches to Sport and Exercise Sciences".

Two abstracts were accepted for oral presentations by E Donnelly on "Neural and structural adaptations to long-term training in well-trained team sport female athletes" and R Wu on "Validation of heart rate measures from the Fitbit Charge 4 and a wearable Nonin Pulse Oximetry against electrocardiogram across different exercise intensities".



2023 ASPHER Deans' and Directors' Retreat

UCD SPHPSS was delighted to host the 2023 ASPHER (Association of Schools of Public Health in the European Region) Deans' and Directors' Retreat which took place in Ireland for the first time on 31st August and 1st September. Attended by 125 delegates representing 60 ASPHER member schools of Public Health and partner organisations, the retreat opened with an address from ASPHER President Carlo Signorelli and from host and Retreat Chair, Associate Professor Mary Codd, wishing everyone 'Céad Míle Fáilte'. Following that there was a keynote address from UCD College of Health and Agricultural Sciences Principal, and Dean of Faculty of Public Health Medicine, Professor Cecily Kelleher, a welcome from SPHPSS Head of School, Professor Catherine Blake, and addresses from RCPI President Mary Horgan and Global Network for Academic Public Health (GNAPH) President Dr Laura Magaña.







Pictured: UCD College of Health & Agricultural Sciences Principal Cecily Kelleher; UCD Associate Dean of Public Health Associate Professor Mary Codd and ASPHER President Carlo Signorelli.

Day 1 was devoted to developments on the ASPHER Core Curriculum Programme with lead Mary Codd setting the stage with the process and vision behind the work. Panel discussions followed on selected subject areas of the Core Curriculum to address the 'New Normal' in Public Health with particular focus on Climate and Health, One Health, Emergency Preparedness, Diversity, Nutrition, Politics, Equity, Digital Public Health, Communication, Public Health Ethics and Law.



The meeting was addressed by WHO Representatives, Dr. H Ibrahim Durak, Medical Officer, Health Systems Strengthening; Dr Jim Campbell, WHO Public Health Workforce Planning, and Dr João Breda, WHO Special Adviser for the Regional Director, on the synergy of the work with WHO endeavours. The Core Curriculum in context with relevance at different educational levels, for accreditation, to promote public health professionalisation and leadership; and for academic public health globally were addressed by professionals including Professor Kasia Czabanowska and Dr Sue Babich.







The social programme included a recital in UCD by the Palestrina Choir from St Mary's Pro-cathedral, an evening of Irish music and fun at Johnnie Fox's Pub in Glencullen, and a visit to the World Heritage Site at Newgrange, Co. Meath.

2023 ASPHER Deans' and Directors' Retreat

Day 2 focussed on ASPHER members' collaboration and engagement. The session included the signing of a letter of commitment for collaboration between ASPHER and EuroNet MRPH with EuroNet MRPH Vice President, Ambrogio Cerri. Presentations of ASPHER-enhanced collaborative projects included the ASPHER/ECDC Collaboration on Updating Core Competencies in Applied Infectious Disease Epidemiology (UCCAIDE), VxTrain/VxAction, EuroPubHealth+, NAWA and TIPH global.



A poster session featuring all schools in attendance and a 'speed-dating' exercise which saw representatives of Schools rotate to meet each other, provided a wonderful opportunity for delegates to share experiences and discuss possible future collaborations.







Pictured: Delegates from ASPHER member schools; Executive Director of WHO Health Emergencies Programme, Dr Mike Ryan

We were privileged to have in attendance UCD MPH alumnus Dr Mike Ryan, WHO Director of Emergencies and ASPHER Andrija Stampar Medallist, 2021, for the final keynote session. He conducted an extended Q&A session, addressing the 'New Abnormal' and ongoing crises in Public Health. He emphasised that public health must be activist and must lead by translating science into action. Academic Public Health is uniquely positioned to make a difference. ASPHER presented Dr Ryan with the newly published 4th Edition of the New Public Health textbook authored by the venerable Ted Tulchinsky.

The highest honour of the Association, the Andrija Stampar Medallist, was awarded to Professor Anders Foldspang, Professor Emeritus of Aarhus University and Past-President of ASPHER, for his tremendous contributions to public health education and core competencies over 20 years.





Past-President of ASPHER, Professor Charles Normand from Trinity College Dublin provided the laudatio. Former Andrija Stampar Medallist, Mr David Byrne, former European Commissioner for Health and Consumer Protection, was also in attendance.

Centre for Safety & Health at Work: New Postdoc Research Fellow

Dr Sewon Lee has recently joined UCD SPHPSS as a Post-Doctoral Research Fellow in the Centre for Safety and Health at Work. Sewon will be conducting research on the EIRE project for exposure assessment of neonicotinoid insecticides with Dr Alison Connolly. Sewon has an undergraduate and Master's degree in Environmental Health from Korea University and Seoul National University, South Korea, respectively, and a PhD in Occupational and Environmental health from the University of Manchester, United Kingdom. Sewon worked in ISGlobal, Barcelona Institute for Global Health until recently for the project, CANCERWATCH aiming to identify the association between disinfection by-products and nitrate in drinking water with breast and colorectal cancer risk.

Dr Lee is motivated by the prevention and assessment of human exposure to merging chemicals from various consumer products. Sewon has experienced fieldwork such as indoor air monitoring in different settings and learned statistical skills. Furthermore, Sewon used to work in regulatory affairs related to REACH (Registration, Evaluation, Authorisation, and Restriction of Chemicals) with a consulting firm.



Sewon is pleased to be a part of the team and would like to thank everyone for their warm welcome.

Participants Wanted



Do you have a pet and would be willing to contribute to an exposure study?

Assistant Professor Dr Alison Connolly, UCD Centre for Safety and Health at Work, is the PI for the EIRE project, the Neonicotinoid Insecticide Exposure study, which is investigating human exposures to the world's most widely-used class of insecticides.

The study is currently recruiting volunteers who own pets and apply flea treatments to their pets. The study will analyse human biomonitoring samples to evaluate exposures among pet owners.

If you would like further information, please see the poster and contact Darragh Doherty, PhD candidate, for further information.



Community Student Volunteering Award

Andrea O'Reilly, a Stage 4 Physiotherapy student at UCD, was recently awarded a Gold Award for her work with the UCD Volunteer Overseas (UCDVO) Physiotherapy Projects in Uganda this summer. The "UCD in the Community Student Volunteering Awards" aim to celebrate and recognise student volunteering in the community and in UCD activities, with Gold being awarded for 60+ hours of volunteering.





Pictured: UCD in the Community Volunteering Award winners (left), Andrea O'Reilly presenting her volunteer work (right)

NUI Dr HH Stewart Medical and Health Sciences Prize

Derbhla Nolan, BSc Physiotherapy graduate from UCD, was the 2023 Prizewinner of the NUI Dr HH Stewart Medical and Health Prize for Physiotherapy. Sciences Established in 1888 by Dr Henry Hutchinson Stewart, these prizes are offered in a range of disciplines across Medicine, Nursing and Midwifery, and Health Sciences. Students achieving the highest marks in these disciplines from participating constituent higher education institutions can be nominated by their Faculty, School or Department for a Prize.



Pictured: Derbhla Nolan at the NUI Dr HH Stewart Medical & Health Sciences award ceremony

Professor Kate Pumpa appointed Inaugural Director of the ISESA Board



Professor Kate Pumpa was recently appointed as an inaugural Director on the board of the newly formed Irish Sport and Exercise Sciences Association (ISESA). ISESA was formally launched at Sport Ireland on the 8th of November 2023, with the vision to lead, represent, and advance the sport and exercise sciences community through advocacy, knowledge exchange, collaboration, and accreditation. Membership to the organisation is free for 2024, and all those interested in sport and exercise sciences is encouraged to join, listen to the bi-weekly podcasts and monthly webinars. More information can be found here: https://www.isesa.ie/







Full Professor of Public Health and former making the event so memorable. CMO, Dr Tony Holohan

MPH40 Celebration

SPHPSS celebrated 40 years of the Master of Public Health programmes on 2nd and 3rd September. 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. UCD MPH alumni and special guests were invited to attend the two-day event. On Day 1, alumni reconnected, shared memories and listened to former classmates and other public health leaders speaking about global public health. They then had time to revisit and enjoy the UCD campus. An anniversary dinner finished what was a truly inspirational day. On Day 2, guests were invited to attend optional tours at the Guinness Storehouse and Newgrange.

UCD President Professor Orla Feely gave the opening address and there was a fantastic line-up of speakers including:

- Dr Mike Ryan, Executive Director, WHO Health Emergencies Programme and UCD MPH alumnus
- Carlo Signorelli, President of ASPHER and Director of the Post-Graduate School in Hygiene and Preventive Medicine at University Vita Salute San Raffaele
- Dr Olivier Grimaud, Professor of Public Health at École des Hautes Études en Santé Publique (EHESP)
- Professor Patricia Fitzpatrick, Full Professor of Epidemiology & Biomedical Statistics, and Head of Subject for Public Health at UCD SPHPSS and UCD MPH alumna
- Dr Tony Holohan, Adjunct Full Professor of Public Health at UCD SPHPSS, former Chief Medical Officer, Ireland and UCD MPH
- Dr Ronan Glynn, Partner, Health Sector Lead, EY Ireland and UCD MPH alumnus
- Dr Fenton Howell, Director of Public Health at HSE
- Natalia Rachwal, Junior Expert Emergency Preparedness and Response, European Centre for Disease Prevention and Control (ECDC) and UCD MPH alumna.

Pictured: UCD President Orla Feely; Adjunct Thanks to everyone who joined us, both virtually and in-person, and for

Welcome New MSc Clinical Nutrition and Dietetics Students

Twenty-four new students commenced their study on the MSc in Clinical Nutrition and Dietetics on Monday 22nd January. We wish them every success as they start a new chapter at UCD.





Pictured: First Year MSc in Clinical Nutrition and Dietetics Students during their UCD Campus Tour and Orientation

Farewell to our 2023 Graduates

On 6th December, we bid farewell to Occupational Safety & Health, Public Health, Coaching Science in Sport, Sport Management and a number of PhD 'Class of 2023' students. It was an extra special day for our Master of Public Health graduating class - the 40th MPH class to graduate from UCD!

Congratulations to all of our graduates and best of luck in your future careers.





Pictured: Master of Public Health Class of 2023 (left); MSc Coaching Science in Sport Class of 2023 (right)





Pictured: MSc Sport Management Class of 2023 (left); MSc Occupational Safety & Health and HDip in Safety, Health and Wellbeing at Work Classes of 2023 (right)



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.

UCD SPHPSS Institute for Sport & Health ranked #24 in Global Ranking of Sport Science Schools and Departments 2023

We are thrilled to announce that we have once again been ranked #1 in Ireland and have moved in Global Ranking of Sport Science Schools and Departments 2023 up to #24 in the world in the ShanghaiRanking's Global Ranking of Sport Science Schools and Departments. Professor Colin Boreham, Director of the UCD SPHPSS Institute for Sport & Health said:

"We are delighted that for the fourth year running, UCD Sports Science has been placed in the world top 50 by ShanghaiRanking, achieving our best result so far of 24th in 2023. This is a tribute to all

UCD SPHPSS Institute for Sport & Health ranked #24

2023 **GLOBAL RANKING OF SPORT SCIENCE** SCHOOLS AND DEPARTMENTS OUT NOW ▶▶▶

SHANGHAI RANKING

of the hard work of colleagues across disciplines who come together to solve research questions in fields spanning exercise and health across the lifespan, sports injury prevention, advanced sensor technology, sports management and performance sport. This new ranking cements UCD's place in the global hierarchy of Sports Science providers and gives us a consistent platform to deliver world class research and teaching into the future."

Read more <u>here</u> and see the rankings <u>here</u>.

PPI & Public Engagement

Dr James Timmons, Lecturer & Assistant Professor at the SPHPSS, has had a massive quarter with external engagements and the initiation of several different internships for SPHPSS students. These include:

- Juvenile Football partnership with UCD SPHPSS
- Juvenile Football Parents' Information Evening
- HPS Sports Science/S&C Internship UCD Association Football Club 2024
- Presented on the HPS course at Blackrock College to encourage students to study sport and exercise science at UCD

CSTAR R Course 19th-21st March

UCD CSTAR is the Centre for Support and Training in Analysis and Research. It specialises in the biostatistical and methodological areas of health research, particularly quantitative. CSTAR is delighted to announce that it will be running a 2.5 day R course from 19th-21st March. Registration

Day 1 will focus on an introduction to R language and managing data and exporting results.

Day 2 will focus on statistics with and will delve into R Descriptive statistics, Hypothesis tests - comparing means and risks, Correlation and Hypothesis tests - assumptions and alternatives.

Day 3 will be regression with R. Effect sizes, introduction to linear models, linear regression and assumptions and variable selection and model building.

This is an exciting course for anyone wishing to develop their statistical skills using R studio. More information can be found on the CSTAR website.

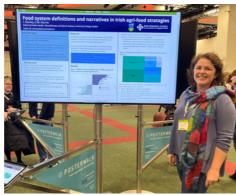




European Public Health Conference 2023

The European Public Health (EPH) conference was held in the Convention Centre in Dublin on the 8-11th November 2023, under the theme of "Our Food, Our Health, Our Earth: A Sustainable Future for Humanity". This in-person event brought together 2,450 delegates from over 85 countries worldwide, fostering a rich exchange of ideas and insights while offering excellent opportunities to learn from the latest research and practice in Public Health. The SPHPSS was very well-represented with attendees, volunteers and presenters from across the School.







Pictured: Shevaun Teo, Isobel Stanley and Dr. Adrien Aubert presenting their work during their poster walk sessions

Assistant Professor Catherine Phillips' team including postdoctoral fellows Dr. Adrien Aubert, Dr. Kaat Phillipe and Dr. Marion Lecorguillé and final year PhD student Shevaun Teo, presented posters based on their research on the Lifeways and PEARS cohorts and the European ALPHABET and EndObesity consortium projects. Assistant Professor Celine Murrin's PhD student, Isobel Stanley, also presented a poster entitled,"Food systems narratives and definitions in Irish agri-food strategies".







Pictured: Sana Parveen (L) and Nathaly Garzon-Orjuela with their e-posters, and Nathaly during her pitch presentation (R)

Under the supervision of Professor Akke Vellinga, Sana Parveen presented a poster on "Examining impact of Twitter sentiment & source on COVID-19 info sharing by public" while Nathaly Garzon-Orjuela presented both a poster and oral presentation on her work with the CARA Network.

Clodagh Lee, a member of the National Nutrition Surveillance Centre research team, also used a poster to present great work on applying the CO-CREATE Dialogue Forum Tool in Ireland. In this work, focus groups were conducted with primary school-aged children, who used the CO-CREATE Dialogue Forum Tool to develop new policy ideas to improve their school's fruit, vegetables and milk scheme. The tool allows young people to have a say in policy that directly impacts them.

Well done to all who participated in such an engaging conference!





New Micro-Credential Launched





In December, we launched our newest microcredential - Sports Injuries: An Introduction for Amateur Sports.

This micro-credential is designed for those involved in amateur sports who want to learn more about the fundamentals of sports injuries.

Find out more about all of our micro-credentials <u>here</u>.



Graduate Programmes Webinar Series 2024

If you are considering pursuing graduate studies in our School, join us at our Graduate Programmes Webinar Series 2024.

Our next <u>webinar</u> takes place on Monday 19th February where you will have the opportunity to listen to our Programme Directors talk about our Professional Masters in Physiotherapy and MSc in Clinical Nutrition & Dietetics programmes. In addition, a panel of current students and alumni will talk about their experiences of both the programmes and their time at UCD.

For further details and to register for or view recordings of the webinars, please visit our website.

Professor Kate Pumpa in collaboration with Professor Catherine Blake, Dr Alison O'Riordan and James Nolan from Para-athletics Ireland were successful in a Sport Ireland grant worth €70,000 to identify talent and develop future para-athletics athletes. The quest for a PhD student is currently underway to undertake this project, the aims of which are:

- 1. Identify evidence-based talent identification assessments for future para-athletics athletes, and design feasible protocols for their implementation.
- 2. Identify the support structures required to enable future para-athletics athletes to succeed despite their physical location within Ireland.
- 3. Identify key health, wellness, and performance indicators for para-athletics athletes, and understand how to best monitor these.
- **4.** Investigate the effectiveness of online coaching and support strategies through the design and implementation of a specific para-athletics athlete training programmes.



More about this PhD can be found here.

UCD receives FISU Healthy Campus Gold Accreditation

The FISU Healthy Campus programme, proposed and developed by the International University Sports Federation, aims to enhance all aspects of well-being for students and the campus community at large. The programme believes that universities should be an enabling environment, encouraging its community to practice a healthy and sustainable lifestyle where access and opportunity in the areas of physical activity, health and nutrition are a daily part of campus life.

Healthy UCD, with the support of the Bursar's office, has been working towards FISU Healthy Campus Accreditation since early 2023 and we are delighted to announce that UCD has recently been awarded FISU Healthy Campus Gold Accreditation.

This award highlights the hard work taking place throughout the campus and the university's commitment to the Healthy Campus programme. Healthy UCD is excited to continue on this journey, working towards the next level of FISU Healthy Campus accreditation.



Upcoming Brown Paper Bag Seminar

FRIDAY, FEBRUARY 23, 2024 | 13:00-14:00 | B005 (HEALTH SCIENCE BUILDING) | FOLLOWED BY SOCIAL AT FARMER BROWN'S



By Dr. Mary Walsh

This presentation will provide an example of how widespread change in practice can be initiated in the Irish healthcare service, using hip fracture care as an example. It will detail a journey from committee participation, international engagement, research and targeted dissemination. This process fostered trust among stakeholders and harnessed the motivation of individual practitioners to drive changes in their services. Through the HipFORCE research project, an education session was developed to support practitioners to standardise their follow-up of patients with hip fracture and to record long-term outcomes for the purpose of auditing care. As of lanuary 2024, the session has been delivered across 9 acute and 5 rehabilitation hospitals, that collectively treat 60% of the 4000 people who experience hip fracture annually. A large proportion of these patients are now attending new or improved follow-up clinics to review their mobility, bone health and quality of life at one to four months after fracture. Finally, the presentation will explore proposed next steps for improving services for fragility fracture in Ireland. Feedback and discussion are welcome.



This presentation delves into the transformative journey and burgeoning influence of wearable technology on personal health and societal norms. The core of the presentation will explore the implications of wearable technology in various realms, including public health surveillance, personal health management, and societal impacts. The talk will also address critical issues surrounding the accuracy and validity of data collected by wearables, the challenges in keeping pace with rapid technological advancements, and the effical considerations of data use and privacy.



Of all the right-wing populist movements, the Hungarian case is the most multifaceted. Viktor Orbán and his Christian conservative party (Fidesz) have skillfully navigated diverse interests - anti-Russia and anti-EU, Islamophobia and "Eastern diplomacy," global capital and local traditions - through the "cult of heritage" (Lowenthal, 1998). With multi-billion-euro investments in heritage reconstruction, dozens of new museums, and what Teodor Shanin (1990) refers to as the "mystification of the peasant," heritage populism is at the fore of Fidesz's nativist, back-to-roots nationalism. Heritage is the representation of the past in the present, and one of the most heralded aspects of national heritage is in the realm of physical culture. Sporting heritage is often drawn from in nationalistic discourse, and Orbán is no different, especially with his unbridled support of Hungarian domestic football (Molnar & Whigham, 2021). The aim of this paper is to present the case for Hungarian heritage populism through the lens of traditional games by analyzing the reinvention of the National Callop (horse race), the UNESC-ovalidated thancha'z ("dance house") movement, and the mass pageantry of the Kurultáj cultural festival.

Enterprise Ireland Success for Dr Tom Fabian

Dr Tom Fabian received Enterprise Ireland Coordinator Support funding to help write a Horizon Europe grant application on games heritage and democratic participation in Europe.

Dr Fabian will be presenting a piece of this project – heritage populism in Hungary – at the next RIIC brown-paper-bag seminar on Friday, February 23 (1pm) in room B005 of the Health Sciences Building. The aim of the paper is "to present the case for Hungarian heritage populism through the lens of traditional games by analyzing the reinvention of the national Gallop (horse race), the UNISECO-validated Táncház ("danse house") movement, and the mass pageantry of the Kurultáj."

Dr Mary Walsh and Dr Cailbhe Doherty will also present their research at the seminar. All are welcome and encouraged to come along.

ASPHER Young Researchers' Forum Prizewinner

The Young Researchers' Forum was held on the 8th November prior to the opening of the European Public Health conference. This event offers postgraduate students (MPH, MSc, MRes, PhD, etc) and early career researchers from any field of public health the opportunity to present their original research in a friendly, supportive forum and receive feedback from mentors and peers. After the networking lunch, a series of 10-minute oral presentations and 3-minute poster presentations were delivered by young researchers in front of an audience and a panel of three international judges.



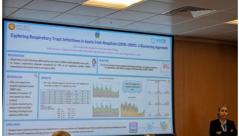
Pictured: ASPHER Young Researchers' Forum delegates and judges



Pictured: Shevaun Teo accepting her award

Congratulations to final year PhD student Shevaun Teo who was awarded First Prize for her Oral Presentation on her research, supervised by Assistant Professor Catherine Phillips, investigating the "Associations between Maternal Sociodemographic Factors with Placental Outcomes using Partial Least Squares Regression in the Lifeways Cross-Generation and PEARS Cohorts".







Pictured: PhD Students Shevaun Teo and Doaa Amin; and former MPH Student Pratisksha Nagar presenting their research

The school was well represented with 2 further oral presentations from PhD Student, Jwenish Kumawat, on "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", and former MPH student, Pratisksha Nagar on "Wholesome sex education and sexual knowledge associated with complete physical and mental well-being of young people in Ireland". Poster presentations from our School included ASPHER Fellow, Karl Conyard on "Communication, Advocacy, Public Health Literacy and Infodemiology in Public Health Curriculum: An Evolving European Perspective" and PhD student, Doaa Amin shared on her work "Exploring Respiratory Tract Infections in Acute Irish Hospitals (2016-2021): A Clustering Approach".

New Programme Director for the MSc Sport Management Programme

Dr Tom Fabian is taking over from Professor Eleni Theodoraki as the new Programme Director for the MSc Sport Management programme. This one-year MSc programme is targeted at graduates aiming to develop a career in the sport industry and also experienced professionals who wish to enhance their career opportunities within this field. The programme provides graduates with the theoretical knowledge and practical tools and techniques required to solve real life management challenges within the sport industry. More information available on this course here.

Staff Comings and Goings

Dr Sigrid Dupan Joins Health & Performance Science Team

Dr Sigrid Dupan joined the HPS team on the 1st of February to cover Dr Max Ditroilo's career break (details below). Dr Dupan will be teaching our Biomechanics and Skill Acquisition modules, and continuing her current research investigating the interplay between humans and technology, particularly in rehabilitation settings. Dr Dupan is a SFI Fellow in the School of Electrical and Electronic Engineering, University College Dublin. She is affiliated with the Neuromuscular Systems group, and the Insight Centre for Data Analytics. Prior to joining UCD, Dr Dupan was a postdoctoral researcher at the University of Edinburgh (School of Informatics) and Newcastle University (School of Engineering), where her research focused on the design of muscle-controlled computer interfaces to train prosthesis users. Dr Dupan received an ME from Ghent University, MSc from Trinity College Dublin, and PhD from Radboud University. More information available here.



Dr Max Ditrolio invited to spend 6 months at Eindhoven University of Technology



As part of his year-long sabbatical, Dr Max Ditroilo has been invited by Professor Daniel Lakens to spend 6 months in the Department of Industrial Engineering and Innovation Sciences, at Eindhoven University of Technology (ranked # 124 in QS World University Rankings 2024). Professor Lakens' areas of expertise include meta-science, research design and applied statistics, with nearly 32,000 citations on Google Scholar. The plan is to collaborate and apply some of the methodologies to the sport and exercise science area.

We miss Max already, and look forward to him returning in January 2025.

Brian Spring appointed Teaching Fellow in HPS Team

Brian Spring has been appointed Teaching Fellow for another 12 months in the HPS team. Brian is a module coordinator and lecturer on the following modules:

- Molecular Exercise Physiology
- Science of Human Performance 1
- Science of Human Performance 2
- Case Study in Sport Science
- Testing and evaluation of human performance
- Introduction to Exercise Science

Brian is also involved in the creation of 2 internship programmes for HPS students with Kilmacud Crokes and UCD Rowing.



Health & Performance Science Team welcome back Dr Katy Horner



The HPS team welcomed back Dr Katy Horner just before Christmas following her maternity leave. Katy joined the UCD SPHPSS as a Lecturer in Sport and Exercise Science in 2017. She specialises in the areas of exercise physiology and nutrition. Her interest in applied sport and exercise science is focused on exercise physiology and nutrition to help improve health and performance.

Katy is also a registered nutritionist (nutrition science, sport/exercise), and currently works with the Ad Astra athlete support team at UCD.

The Development of a Combined Physical and Cognitive Training Aid and Performance Evaluation Tool

Professor Kate Pumpa in collaboration with her colleagues from the University of Canberra were awarded \$70,000 in a Discovery Translation Funding for the project entitled "The development of a combined physical and cognitive training aid and performance evaluation tool". This is a project Professor Pumpa has been involved in for the last 3 years, developing a new combined physical and cognitive function assessment tool called the 'Flanker-Y'. A video of this test in its 'prototype' form can be viewed here. This funding will enable the team to develop a fully integrated system to run this combined test.



Institute of Food and Health - Thesis in 3 Competition



Pictured: Participants and attendees at the IFH's Thesis in 3

Lightning rounds of 3-minute presentations were heard at the recent Thesis in 3 Competition on 11th December, organised by the UCD Institute of Food and Health. PhD Students Shevaun Teo and Isobel Stanley as well as Postdoctoral Fellow, Dr. Kaat Phillipe were delighted to represent SPHPSS at the event.

Isobel was awarded runner-up prize in the competition for her presentation on her PhD research titled "Joining the dots in Irish food policy: A systems approach to policymaking for health and sustainability". Well done to all the presenters for such concise presentations and stimulating research!

Sustainability – Little Steps to Reduce Waste and Improve Waste Management

In Woodview House we are taking little steps to reduce the amount of waste produced and improve waste management. We are moving towards binless offices!

A number of office bins have now been replaced by dual bins (recycling and general waste) in communal areas. UCD Estates has been encouraging this initiative throughout the University and we are proud to be moving towards increased "clean" recycling in the workplace. We are hoping to extend this initiative across all our buildings in the School of Public Health, Physiotherapy and Sports Science, and will be asking all staff members to participate. If you are willing to have your office bin removed, and use instead multi-bins provided by UCD Estates, please fill in this form.





Brown bins are now available in both kitchens on the ground floor of Woodview House. People working in Woodview are strongly encouraged to throw their food waste in those bins. Important: only food waste, no packaging!

We would also like to encourage people to avoid using single cups (some 200 million coffee cups are dumped in Ireland each year). While reusable cups are available to purchase around campus, we gave away some free re-usable cups during the School Christmas party in December. We are pleased to see colleagues using the reusable cups.

UCD SPHPSS Alumna Eileen Gleeson Named as Head Coach of Republic of Ireland's Women's Football Team



Pictured: Eileen Gleeson (picture credit: RTE Sport)

Congratulations and the very best of luck to Eileen Gleeson, who was appointed as the new permanent head coach of the Republic of Ireland women's football team in December.

We are very proud of Eileen who completed an MSc Coaching Science in Sport degree with us at the School of Public Health, Physiotherapy and Sports Science.

UCD SPHPSS Alumna Elma Beirne listed in 50 Women of Influence in Irish Sport 2023

Congratulations also to Elma Beirne, Commercial Director of Line Up Sports and MSc Sport & Exercise Management alumna, for being listed as one of 50 Women of Influence in Irish Sport 2023 by Sport for Business.

Elma currently lectures on our BSc Sport & Exercise Management course.

Read more <u>here</u>.



The Impact of Violence on Footballers in their Workplace



Dr Joel Rookwood led a research report for the Fédération Internationale des Associations de Footballeurs Professionnels (FIFPRO) titled 'The Impact of Violence Towards Footballers in Their Workplace'. This report explores violence and abuse amongst football fans and its impact on players. The report found that despite 85% of respondents agreeing with the statement "in most instances the relationship between fans and players is very positive and should be cherished", 76% said workplace safety and health was of growing concern to players. The types of abuse varied from verbal abuse to fire crackers being thrown.

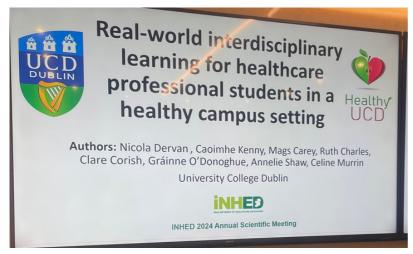
"We are seeing a growth in the number of incidents of disorder in European football, at all levels of the professional game," says Dr Joel Rookwood. "The expansion of European competitions has provided additional opportunities for problematic fan conduct to compromise player safety and welfare, particularly in the men's game."

The work was undertaken with two UCD students, Tiernan Harris - a 2023 Sport Management MSc graduate, and Jack Keegan - a 2023 Sport & Exercise Management BSc graduate. This is detailed on p.50 of the report. The full report can be read here, while a link to UCD's coverage of the report can be found here.

Irish Network of Health Educators (INHED) Conference

The Irish Network of Health Educators (INHED) annual conference was held on the 24th January 2024. Nicola Dervan, Special Lecturer/Practice Tutor on the MSc in Clinical Nutrition and Dietetics programme, presented on 'Real World Interdisciplinary Learning for Healthcare Professional Students in a Healthy Campus Setting'.

The presentation discussed findings from Healthy Eating Active Living week 2024, a health promotion campaign for the UCD community designed and implemented by the students on the MSc in Clinical Nutrition and Dietetics and the Professional Masters in Physiotherapy, in conjunction with Healthy UCD and the programme teams. Innovative health promoting strategies which met the needs of the UCD community were created by the students using a design thinking framework. Students reported an improvement in their collaboration, problem solving and health promotion skills after the learning experience and found the learning experience very engaging - all very helpful information for future teaching and training of dietitians!



Pictured (L-R): Nicola Dervan, Specialist Lecturer / Practice Tutor Dietetics, Deirdre Phelan, Practice Tutor/Special Lecturer Physiotherapy and Dr. Sinead McMahon, Director of Clinical Education in UCD at the INHED Conference



RECENT PUBLICATIONS

Downey C, Cunningham C, Buggy C. <u>Peer Mentoring and Interaction Among Mature Students: A Qualitative Study</u>. Irish Journal of Education. 2023. P1-18.

Fabian T, Steven R, Jeremy H, and Audrey R G. The Pedagogization of Traditional Indigenous Games in Canada, Australia, and Aotearoa New Zealand," Journal of Teaching in Physical Education. 2023. 1-7. Doi: 10.1123/jtpe.2023-0047

Fox P, Bhardwaj N, Lyons A, Niranjan V, Frazer K, Syed S, McCann A, Brennan S, Brennan D, Kelly C, Keane M, Fitzpatrick P. Smoking Cessation Support: A Marathon, not a Sprint; The Perspectives of Cancer Patients who Smoke. Seminars in Oncology Nursing. 2024.

Ingram C, MacNamara I, Buggy C, Perrotta C. Priority healthcare needs amongst people experiencing homelessness in Dublin, Ireland: A qualitative evaluation of community expert experiences and opinions. PLoS ONE. 2023. 18(12): e0290599. Doi: 10.1371/journal.pone.0290599

Kearns M, Reynolds C. Developmentally programmed obesity: Is there a role for anti-inflammatory nutritional strategies? Experimental Physiology. 2023. Doi: 10.1113/EP091209

Lyons A, Bhardwaj N, Masalkhi M, Fox P, Frazer K, McCann A, Syed S, Niranjan V, Kelleher CC, Kavanagh P, Fitzpatrick P. Specialist Cancer Hospital-based Smoking Cessation Service Provision in Ireland. Irish Journal of Medical Science. Ir J Med Sci. 2023. Doi: 10.1007/s11845-023-03525-0

RECENT PUBLICATIONS

Mattson AG, Doherty K, Lyons A, Douglass A, Kerley M, Stynes S, Fitzpatrick P, Kelleher CC. Evidence from a Smoking Management Service in a University Teaching Hospital in Dublin, Ireland monitored by repeat surveys, 1997-2022. Preventive Medicine Reports. 2023. Doi: 10.1016/j.pmedr.2023.102415

Mukonka V, Sialubanje C, McAuliffe FM, Babaniyi O, Malumo S, Phiri J, Fitzpatrick P. Effect of a mother-baby delivery pack on institutional deliveries: A community intervention trial to address maternal mortality in rural Zambia. PLOS One. 2023.

Murphy C, French H, McCarthy G, Cunningham C. 'Look up from the waiting list and see the bigger picture': A qualitative analysis of clinical specialist physiotherapist perspectives on low back pain care in Ireland. medRXiv. 2023. Doi:10.1101/2023.11.15.23298561

Pitts C, Millar SR, Perry IJ, Phillips CM. Relationships between childhood adversity and inflammatory biomarkers in adulthood: A cross-sectional analysis of a middle-to older-aged population. SSM Popul Health 2024 Mar. DOI: 10.1016/j.ssmph.2024.101608

Power C, Fitzpatrick P. Child and adolescent patterns of commuting to school. Prev Med Rep. 2023 Sep 17. 36:102404. Doi: 10.1016/j.pmedr.2023.102404.

Redmond C, Farrell R, Cunningham C, Dineen A, Foley S, O'Donnell D, O'Neill E. Development of the EVIBEC Learning Outcomes Framework to support the delivery of evidence-based practice curricula in health care professional programmes: a codesign approach. BMC Medical Education. 2024. 24(1). Doi:10.1186/s12909-023-04972-0

Rourke M, Fitzpatrick P, Popoola, O, Boms R, Mooney T, 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 cervical screening in Ireland. Ir J Med Sci. 2023. Doi: 10.1007/s11845-023-03551-y

Tawiah A K, Stokes E, Wieler M, Desmeules F, Finucane L, Lewis J, Woodhouse L J. Developing an international competency and capability framework for advanced practice physiotherapy: a scoping review with narrative synthesis. Physiotherapy (United Kingdom). 2024. 122, 3-16. Doi:10.1016/j.physio.2023.07.002

Vingrys K, Atkins L, Pape E, Shaw A, Drury A. Illuminating the nutrition-related policy-practice gaps in colorectal cancer survivorship. Support Care Cancer. 2024. 32, 13. Doi: 10.1007/s00520-024-08332-6

BOOKS/ BOOK CHAPTERS

Fabian, T. The Cool Runnings Effect: Flexible Citizenship, the Global South, and Transcultural Republics at the Winter Olympic Games. in <u>The Olympic Winter Games at</u> 100: Challenges, Complexities, and Legacies. (Eds.) Dichter L H, Teetzel S. Routledge. 2024. [In Press].

Fabian, T. The Revival of Traditional

<u>Games in Central Asia: Heritage, Spectacle, Ethnos.</u> in Indigenous, Traditional, and Folk Sports: Contesting Modernities from the Sidelines. (Eds.) Vaczi M, Bairner A. Routledge. 2024. P57-69.

Ludvigsen J A L, RookWood J, Parnell D (Eds.). <u>The sport mega-events of the 2020s : governance, impacts</u> and controversies. Routledge. 2023 October 31. ISBN 9781003454458.

Rookwood J. From sport-for-development to sports mega-events: conflict, authoritarian modernisation and statecraft in Azerbaijan. in <u>The Sport Mega-Events of the 2020s: Governance, Impacts and Controversies</u>. (Eds.) Ludvigsen J A L, RookWood J, Parnell D. Routledge. 2023.

CONFERENCE PRESENTATIONS

Irish Society for Gynaecological Oncology Annual Meeting 2023, 1 December 2023, Belfast.

McCarthy R, O'Connor M, Mooney T, Gleeson G, Ness F, Mason Mohan C, Fitzpatrick P, Russell NE. Awareness and knowledge of cervical screening and human papillomavirus by socio-economic group in Ireland.

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. [oral presentation].

Joint North-South Public Health Conference 'The Health-Wealth Divide: Leaving No One Behind', Wednesday 29th November 2023.

Fox P, Jalal R, Fraze K, Joye R, Kavanagh L, Kennedy U, McCarthy C, McEnery M, Crosson D, Collins MB, Fitzpatrick P. Cancer Awareness and Attitudes in a marginalised group: the Traveller Community in Ireland. [oral presentation]

Irish Thoracic Society Annual Scientific Meeting, Limerick, November 2023.

Bhatnagar R, Bhardwaj N, Linnane B, Herzig M, Chroinin M. Ni, Mullane D, Cox D, McNally P, Javadpour S, Elnazir B, Greally P, Healy F, Williamson M, Slattery D, Kirwan L, Lancaster G, Glasscoe C, Segurado R, Southern K. W, Fitzpatrick P. The changing challenges to the parents of growing children with Cystic Fibrosis in Ireland: The Irish Comparative Outcome Study of Cystic Fibrosis (ICOS). Irish Thoracic Society Annual Scientific Meeting 2023. Ir J Med Sci. 2023. 192 (Suppl 2), 41–120. Doi: 10.1007/s11845-023-03534-Z

North American Cystic Fibrosis Conference, Phoenix, November 2023

Bhatnagar R, Bhardwaj N, Segurado R, Linnane B, Herzig M, Chroinin M. Ni, Mullane D, Cox D, McNally P, Javadpour S, Elnazir B, Greally P, Kirwan L, Fitzpatrick P. Timing of Pseudomonas aeruginosa acquisition in children diagnosed with cystic fibrosis recruited in the Irish Comparative Outcome Study Part 2. Journal of Cystic Fibrosis. 2023. Doi: 10.1016/S1569-1993(23)01548-5.

43rd Annual International Nursing & Midwifery Research and Education Conference, RCSI, Dublin Ireland.

Frazer K, Bhardwaj N, Bell C, Lyons A, Vickers N, Geoghegan L, McDonnell T, McGillicuddy, Fitzpatrick P, Kelleher CC, Kroll T. Tobacco endgame-Patient and Public Involvement: Developing a smoke-free homes network.

INHED 2024 (Irish Network of Healthcare Educators) Annual Scientific Meeting "Building Relationships in Health Professions Education"

Dervan N, Kenny C, Carey M, Charles R, Corish C, Fitzpatrick P, O'Donoghue G, Shaw A, Murrin C. Real-world experiential and interdisciplinary learning for healthcare professional students in a healthy campus setting.

Irish Association for Nurses in Oncology National Conference, 14 October 2023

Fox P, Bhardwaj N, Niranjan V, Frazer K, Lyons A,, Guerin S, Quinn S, Wall J, Johnson M, Kelly CM, Fitzpatrick P. It's a marathon and not a sprint; - qualitative findings from patients with cancer who smoke/smoked to inform the development of a smoking cessation pathway in cancer services.

ASPHER Young Researchers' Forum Pre-Conference, Dublin Nov 2023

Amin D, Vellinga A. Exploring Respiratory Tract Infections in Acute Irish Hospitals (2016-2021): A Clustering Approach. [poster]

Nagar P, Segurado R, Codd M. Wholesome sex education and sexual knowledge associated with complete physical and mental well-being of young people in Ireland. [oral]

Teo SM, Murrin CM, Mehegan J, Douglass A, Hébert JR, Segurado R, Kelleher CC, Phillips CM., Investigation of Associations between Maternal Sociodemographic Factors with Placental Outcomes using Partial Least Squares Regression in the Lifeways Cross-Generation and PEARS Cohorts (First Prize Oral Presentation Winner)

CONFERENCE PRESENTATIONS

European Public Health conference, Dublin Nov 2023

Aubert AM, Lecorguillé M, Schipper MC, Douglass A, Kelleher CC, Murrin CM, Lioret S, Heude B, Gaillard R, Phillips CM. Healthy lifestyle in the first 1000 days and childhood overweight and obesity in 4 European cohorts (Poster Walk)

Frazer K, Bhardwaj N, Fox P, Lyons A, Niranjan V, Syed S, McCann A, Quinn E, Quinn S, Wall J, Johnson M, Fitzpatrick P. Using a five-stage approach to embed Patient and Public Involvement (PPI) in the co-design of a smoking cessation pathway for people who smoke and have a diagnosis of cancer.

Garzon-Orjuela N, Garcia Pereira A, Vornhagen V, Stasiewicz K, Parveen S, Amin D, Porwol L, Vellinga A. Design of infrastructure for visualising and benchmarking patient data from general practice (CARA). [Poster]

Garzon-Orjuela N, Vornhagen H, Stasiewicz K, Garcia Pereira A, Vellinga A. Interactive dashboard development for Irish general practices to visualise and compare patient data. [Oral Pitch Presentation]

Lecorguillé M, Schipper M.C, Aubert A.M, Douglas A, Charles M.A, Phillips C.M, Kelleher C, Gaillard R, Heude B, Lioret S,. Socioecological correlates of parental lifestyle patterns during the prenatal period [poster]

Lee, C. Capturing Youth Voices to Improve Food Policy: Applying the CO-CREATE Dialogue Forum Tool in Ireland. [poster].

Mattson A, Lyons A, Doherty K, Douglass A, Stynes S, Kerley M, Fitzpatrick P, Kelleher C. Trends in acute hospital smoking prevalence and support of campus ban in Dublin, Ireland (1997-2018).

Parveen, S., Garcia Pereira, A., McHugh, P., Surendran, A., Vornhagen, H., & Vellinga, A. Examining impact of Twitter sentiment & source on covid-19 info sharing by the public [poster]

Philippe K, McAuliffe FM, Phillips CM. Maternal healthy lifestyle score and offspring birth outcomes: secondary analyses of the PEARS RCT [poster]

Philippe K, McAuliffe FM, Phillips CM. Maternal healthy lifestyle score and psychological well-being: secondary analyses of the PEARS RCT [poster]

Stanley, I and Murrin, CM. 'Food systems narratives and definitions in Irish agri-food strategies [poster]

Teo SM, Segurado R, Mehegan J, Douglass A, Murrin CM, Cronin M., Kelleher CC, McAuliffe FM, Phillips CM., Cluster analysis of maternal socioeconomic and non-modifiable factors and their association with birth and placental outcomes [poster]

Children's Research Network (CRN), 6th December 2023

Lee, C. Capturing Youth Voices to Improve Food Policy: Applying the CO-CREATE Dialogue Forum Tool in Ireland. [poster].

European Association of Sport Management 2023, Belfast, United Kingdom.

Rookwood J, Pacini M. Forest Green Rovers - Champions of Sustainability? The engagement and impact of a football club's environmental strategy and the responsibility of sport to promote climate action.

Postlethwaite, V, Theodoraki, E. Revisiting The Circumstances Of The Commission For A Sustainable London 2012

Pelican, B, Chanavat, N, Theodoraki, E. French Consumers' Perception of Football Club-Brands' Heritage: A Semiotic Analysis

CONFERENCE PRESENTATIONS

The Football Collective Conference, 2023, Leeds, United Kingdom.

Harris T, Rookwood J. A content analysis of media coverage of City Football Group's expansion activities.

Keegan J J, Rookwood J. Cutting off the top of the pyramid: The genesis of the Super League and the resulting disconnect between fans and football club owners in England.

Wright B, Palmer C, Rookwood J. How significant was the role of Americanism in the rise and decline of the New York Cosmos?

Theodoraki E, Gandaki University International Conference, Pokhara, Nepal January 2024. entitled: Governance of the Olympic Movement

British Association of Sport and Exercise Sciences (BASES) conference, Coventry UK, November 16-17th 2023.

E. Donnelly, A. Del Vecchio, R. Wu, E. Delahunt, M. Ditroilo. Neural and structural adaptations to long-term training in well-trained team sport female athletes

R. Wu, G. De Vito, M. Ditroilo, E. Doheny, CW Le Roux, D. Minnock, MM. Lowery. Validation of heart rate measures from the Fitbit Charge 4 and a wearable Nonin Pulse Oximetry against electrocardiogram across different exercise intensities

CONTACT US

UCD School of Public Health, Physiotherapy and Sports Science, University College Dublin, Belfield, Dublin 4, Ireland.

Tel: +353 1 716 3442

Email: public.health@ucd.ie

UCD SPHPSS is a dynamic and multi-disciplinary School established within the College of Health and Agricultural Sciences. For further information visit us at: https://www.ucd.ie/phpss/

SOCIAL MEDIA @UCD_SPHPSS

Follow the UCD School of Public Health, Physiotherapy and Sports Science official School accounts on $\underline{\text{Instagram}}$ and \underline{X} @ucd_sphpss.

Don't forget to like and repost!



