



APRIL 2022, ISSUE 5

SPHPSS IN FOCUS

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



WELCOME MESSAGE

Welcome to issue 5 of our school newsletter SPHPSS in Focus. We hope you had a lovely Easter break and are enjoying the brighter Spring evenings. As always, many thanks to the Newsletter team and to everyone who contributed to this issue, we could not do this without you!

This issue brings you all the latest news about our research, teaching, achievements and other events and activities. Our school was very well represented at the recent College of Health and Agricultural Science Graduate Research Symposium. Well done to all of the graduate students who presented their research. Congratulations to PhD students Elena De Marco Castro, who was awarded 3rd Place for her oral presentation, and Orla Deegan, who received 3rd Place for her poster. Congratulations are also in order to Professor Eleni Theodoraki who was a runner-up in UCD's 2021 Research Impact Case Study competition.

Since our last issue we welcome new PhD students and staff members to the school including Assistant Professor Joel Rookwood, Dr Kaat Philippe, Sarah O'Mahoney, Sana Parveen, Niamh Merriman, Paul Harscouët and Giampiero Tarantino, and wish you all the best in your new roles.

We hope you enjoy reading this issue and encourage you to circulate SPHPSS in Focus among your networks.

Dr Catherine Phillips
Editor of SPHPSS in Focus

WHAT'S INSIDE THIS ISSUE:

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

CORE TEACHING PROGRAMMES

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

International Day of Women and Girls in Science 2022

We love to celebrate the achievements of our staff and students at the UCD SPHPSS. This February and March, we celebrated some of our incredible women. To mark International Day of Women and Girls in Science 2022, we showcased ten of our female PhD and Postdoc researchers on social media and our school website. To find out more about their research, their journeys to date and the advice they offered to women and girls considering a career in science, see [here](#).



Assoc. Prof Clare Corish gave a public lecture on Women's Health and Nutrition. We also featured SPHPSS research in several key areas of Women's Health including The Grace Project - a collaboration between UCD, Linköping University, Sweden, Wolaita Sodo University Ethiopia, WHO Collaborating Centre for Research on Surgical Care Delivery in LMICs, HBNI University, India, SINTEF, Norway, Exceed Worldwide and the International Committee of the Red Cross, concerning women with disabilities in conflict affected or low-income countries. For more information, see [here](#).



Dr Michael Ryan awarded prestigious ASPHER Andrija Stampar Medal

We are delighted to announce that Dr Mike Ryan, Executive Director WHO Health Emergencies Programme and UCD MPH Alumnus, was awarded the prestigious ASPHER Andrija Stampar Medal on 22nd March 2022, in recognition of excellence in the Public Health field. Congratulations! The laudatio of Dr Michael Ryan was made by Associate Professor Mary Codd, SPHPSS, who holds a seat on the ASPHER Executive Board. For more information, see [here](#).



UCD Research Impact Case Study Competition 2021



Professor Eleni Theodoraki has been announced as a runner-up in UCD's 2021 research impact case study competition. Her research focuses on the impact mega-sports events, like the Olympics, have on host nations. This research has helped to inform UNESCO'S action plan in mega-sports events policy, prompting 97 countries to adopt these policies and leave a positive affect on host nations. Some of these affects include, protecting the environment, improved infrastructure and sustainable tourism. Read more about her research [here](#).

UCD CHAS Graduate Research Student Symposium

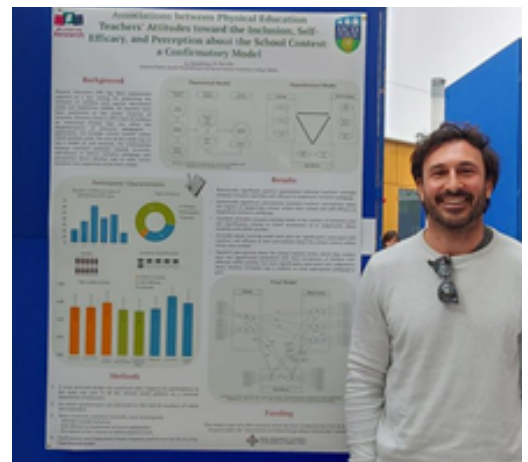
The UCD CHAS Graduate Research Student Symposium was held on Friday 8th April. It was brilliant to see so many UCD School of Public Health, Physiotherapy and Sports Science researchers showcasing and chatting about their incredible work. In total, there were 3 oral presentations and 19 poster presentations from our School which are all listed in the Conferences section at the end of this newsletter edition.

From our School, prizes were awarded by CHAS College Principal, Prof Cecily Kelleher, to **Orla Deegan for 3rd Place Poster** and **Elena De Marco Castro for 3rd Place Oral Presentation**. Orla's poster was on her research on "Mindfulness combined with exercise online (move) compared with a self-management guide for adults with chronic pain: feasibility randomised controlled trial", conducted under the supervision of Assoc Prof. Catherine Duddy and Assoc. Prof. Brona Fullen. Elena presented her results on the "Effect of probiotic (bacillus coagulans) supplementation on the daily myofibrillar protein synthesis response to a plant-based diet in older adults", which was conducted under the supervision of Prof Helen M Roche and Dr Caoileann H Murphy.

Two other students from our School also presented oral presentations on the day. Shevaun Teo (under the supervision of Dr. Catherine Phillips) spoke about her work on the, "Associations between maternal dietary scores during early pregnancy and placental outcomes", and Louise Carroll (under the supervision of Assoc. Prof Brona Fullen) shared her findings on, "Pelvic organ prolapse: the lived experience".

MPH Students also got involved, including poster presentations from Nneka Hull James (under the supervision of Dr. Locksley Messam) and Asiya Mu'azzam (under the supervision of Dr. Vikram Niranjana). Their posters were on "Antimicrobial resistance in E. coli from horses" and "Can patient and practitioner interaction towards the perceived value of testing and diagnosis in rural Uganda strengthen community health systems?" respectively.

It was great to share research and knowledge amongst peers in person for the first time in so long - well done to everyone!



Top to bottom: Patricia Hall, Rini Bhatnagar, Giampiero Tarantino and Asiya Mu'azzam showcasing their posters, Prof Catherine Blake

The CARA Network welcomes new UCD staff and PhD students

The CARA network, established by Professor Akke Vellinga, SPHPSS through her HRB Research Leaders Award, is a collaboration to reduce antimicrobial use and resistance and identify opportunities for improvement and awareness. The CARA Network will provide an open-access data infrastructure where data from GPs, hospitals and the community can be uploaded and compared in easy visualisations. Partners include Prof Mathieu D'Aquin (Data Science Institute, NUI Galway), Dr Claire Collins (ICGP), Dr. Ceire Costelloe (Imperial College of London), Prof Anthony Staines (DCU) and Mr. Ajay Oza (Health Protection Surveillance Centre).



Sara Parveen



Nathaly Garzon Orjuela



Doaa Amin



We would like to welcome three new faces to the School of Public Health, Physiotherapy and Sports Science. Sara Parveen is a research assistant and social marketer who leads the social media for the CARA project and wants to set up an intervention to improve knowledge of antibiotics and infections through social media. We would also like to give a big welcome to PhD students Nathaly Garzon-Orjuela from Columbia and Doaa Amin from Egypt, who are funded by the CARA network and supervised by Prof Akke Vellinga. They are currently finishing their SPHERE scholarship and have training visits set up with the Health Protection and Surveillance Centre and the Irish College of General Practitioners before embarking on their own PhD projects. More information about the CARA Network can be found at: caranetwork.com.

Collaboration with Professional Representative Organisation

Associate Professor Caitriona Cunningham and Dr Keith Smart contributed to the development of Advanced Practice Physiotherapy Competency Framework with the Irish Society of Chartered Physiotherapists, which was launched on March 24th.

The development of the Advanced Practice Framework is another significant milestone on the road to the implementation of advanced practice physiotherapy (APP) roles across Irish healthcare.



Featured Programme: MSc Coaching Science in Sport



The UCD MSc Coaching Science in Sport programme is intended for sports coaches, coach developers, educators and those working in closely related fields, to extend their scientific knowledge and understanding of the coaching process.

Applications are being accepted now for a September 2022 start. Applicants can choose from a 1 year full-time or 2 year part-time option or you can take a few modules as CPD. You can find more information on the [UCD website](http://ucd.ie).

International Congress Committee: 17th World Congress on Public Health

Associate Professor Mary Codd has been invited to serve on the International Congress Committee (ICC) of the 17th World Congress on Public Health (WCPH) to be held in Rome from 2nd to 6th May 2023. The Congress is being organised by the World Federation of Public Health Associations (WFPHA), the Italian Society of Hygiene, Preventative Medicine and Public Health (SIItI) and the Association of Schools of Public Health in the European Region (ASPHER). The ICC is composed of 30 selected leaders in public health from around the world who will be responsible for supporting the scientific components of the Congress. Suggestions for plenary sessions, speakers, panellists, and moderators are being collated at this time. Any such suggestions can be forwarded to mary.codd@ucd.ie. Promotional materials for the Congress will follow in due course.



Good luck to our Physiotherapy students!

Best of luck to our BSc Physiotherapy and Professional Master of Physiotherapy students who recently had their final classes on campus. Wishing you all the very best in your careers ahead.



Introducing the CHAS Postdoc Forum

At the end of last year the College of Health and Agricultural Sciences established the Postdoc Forum. This is a College backed committee formed by volunteer temporary contract researchers from different Schools within the College.

The two main aims of the committee are to advocate for postdocs, Research Fellows and Research Scientists in the College and to organize events. In addition, some of our members also participate in other committees within the College, specifically Research, Innovation and Impact Group (RIIG) and Equality, Diversity and Inclusion (EDI).

We want to identify and address issues, challenges and areas of improvement for our community and facilitate solutions. To do this we will ask for your help and input. To submit issues please use the forum email address: chaspostdocforum@ucd.ie. If you have questions or just want to get in touch you can do so either by email or by contacting your school representative/s (for SPHPSS this is Dr Aisling O'Donnell: aisling.odonnell@ucd.ie). Some social events are also in the pipeline so keep an eye on your emails and get in touch with any questions or if you'd like to get involved in the forum.

Healthy UCD Events

Mind, Body and Soul Festival, 4-6th April

Along with the Student Union, Healthy UCD hosted the Mind, Body and Soul festival over three days from 4th-6th April in the Student Centre Quad. The event featured panel discussions, guest speakers, classes and workshops on a wide variety of topics including mental wellbeing, exercise and sleep. Also in attendance were the ever-popular Smoothie Bikes where participants competed to set the fastest time to generate energy by pedalling equivalent to boiling 10ml of water, while the bike was attached to a blender to make delicious, healthy smoothies for attendees.



Wellbeing Wednesday, 13th April

On 13th April, Wellbeing Wednesday took place, organised by Healthy UCD and students of the MSc in Sports Management. The day featured a free HIIT class and yoga class, as well as competitions including a rowing challenge, push-up challenge and hang bar challenge with prizes for the top three in each category. There was an excellent turnout for the events and lots of healthy competition in the challenges! Snacks for participants were provided thanks to All Real Nutrition and Avonmore Protein Milk. Thanks to all who attended and those who contributed to the organisation of the event!

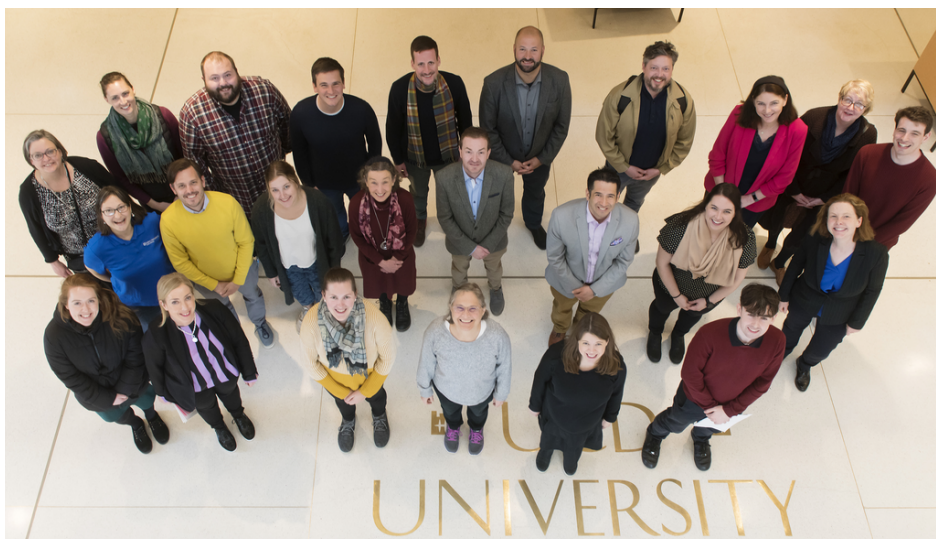


Rowing challenge at UCD Wellbeing Wednesday event



Snacks provided by All Real Nutrition & Avonmore

Education Ireland North American Study Abroad Visit to UCD



Representing SPHPSS, Associate Professor Caitriona Cunningham welcomed more than 30 delegates from American Universities to UCD on April 7th 2022, as part of the Education Ireland North American Study Abroad Visit.

Call for Abstracts: International EuroPubHealth+ Research Meeting

Led by Dr. Carla Perrotta, SPHPSS Public Health Division will host a research seminar on **June 16-17th** both online and in-person at UCD to bring together EuroPubHealth Network partners. Oral presentations will take place from 2-5pm on June 16th and 9am-4pm on June 17th in the Health Sciences Building on Belfield Campus. The [EuroPubHealth Network](#) provides an intercultural, multidisciplinary Master course in public health delivered by a consortium of seven European universities including our MPH program at UCD. To complement the academic success of this network, the consortium now seeks to share international research efforts. We are proud that UCD has been selected to host the first of these seminar events.

Representatives from partner schools in France, Spain, England, Poland, and the Netherlands will join SPHPSS in presenting their research on a number of topics: Health Services Research, Research Methods, One Health, Occupational Health, Health Promotion & Prevention, and more. Seminar attendees will be made aware of areas for future collaborations, take part in inter-institutional networking, and receive an overview of European Public Health research funding opportunities. Researchers who wish to present at the seminar (10-15-minute oral presentation) are invited to submit their abstracts through April 29th : EPH+ June Seminar Abstract Submission. All those who wish to attend the seminar online or in-person can register online here:



ABSTRACT SUBMISSION



CONFERENCE REGISTRATION



This event will offer opportunities to learn from the latest European research and practice from fellow Consortium members while opening doors to future research collaborations. As the first hosts, UCD SPHPSS will be uniquely placed to share our School, research and city with international colleagues.

Sustainable Development at UCD SPHPSS

The UN Sustainable Development Goals (SDGs) are a call to action for all countries, in partnership, to achieve a better and more sustainable future for all. They address the global challenges we face, including poverty, inequality, climate change, environmental degradation, peace and justice.

The Science Foundation Ireland and Irish Aid SDG Challenge seeks to support diverse, transdisciplinary teams to develop transformative, sustainable solutions that will contribute to addressing development challenges under the UN SDGs in countries where Irish Aid works.

We are delighted that two of the seven teams shortlisted to develop solutions to address UN SDGs are being led/co-lead by UCD SPHPSS researchers, Associate Professor Cliona O'Sullivan, Professor Brian Caulfield and Professor Seamus Fanning for the [Backtrack and SolarClean projects](#).

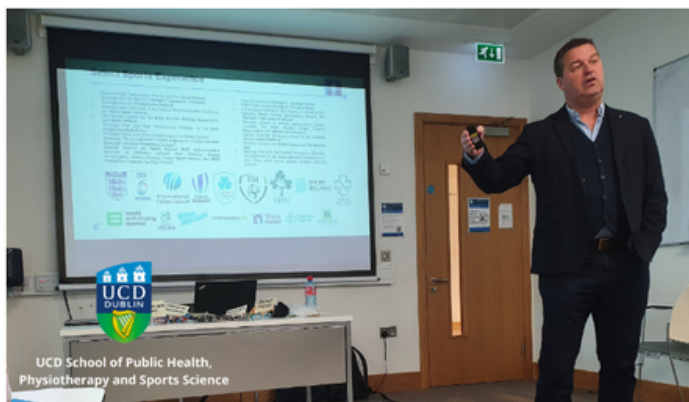
Guest lecturers at the SPHPSS



Professor Larry McCarthy, Uachtarán, Chumann Lúthchleas Gael (GAA President) and Aine Power, Deputy Legal Director, International Equestrian Federation sharing their insights on governance at a recent MSc Sport Management class.



Joe McGinley (fifth from left), Strength and Conditioning Coach at Leinster Rugby, gave a lecture and practical session at a MSc Coaching Science in Sport class on speed and agility in a team sport environment.



Brian MacNeice, MD Teneo, sharing his thoughts at a MSc Sport Management class on the importance of governance in sports organisations.



Mike McGurn (right of picture), international strength and conditioning coach at Queens University Belfast pictured with UCD MSc Coaching Science in Sport student Mark Casserly after a lecture and gym session.

ONSPres Malnutrition Research Study Webinar

The ONSPres Malnutrition Research Study successfully hosted an interdisciplinary dissemination webinar on the 10th March.

Panel discussions, with key stakeholders from the Health and Social Care Professions Office, Older Persons Clinical Programme, Irish Institute of Pharmacy, HSE Medicines Management Programme and clinical representation from primary care, focused on progressing malnutrition screening and management in strategic planning for future research and action.

Study Principal Investigator Assoc Prof Clare Corish would like to thank all participants and attendees.

ONSPres Malnutrition Research Study

Patient and Healthcare Professionals' experiences of malnutrition management and oral nutritional supplement prescribing in the community

Presentation followed by Panel Discussion

Dr. Sarah Browne

UCD School of Public Health, Physiotherapy & Sports Science
Funding: Health Research Board (Grant number: RCQPS-2017-4)

HRB Health Research Board

Dr. Sarah Browne opening the webinar event

Take Home Messages: ONS Dispensing Patterns

- Clear disparities between patient groups using ONS: Increased ONS usage among **younger males and patients in residential care**
- Long term users:** Older age and polypharmacy associated. High ONS usage among **younger ages and CNS medication polypharmacy.**
- 30% of GPs not prescribing any ONS to patients

Recommendations

- Further research needed to explore reasons for high usage in short and long term
- Wide variation in prescribing practices merits further investigation into the drivers influencing
- Repeat Analysis for 2021-2022 [HSE changed in reimbursement ONS in 2019]

Dr. Aisling Geraghty presenting ONSPres Study findings



RESEARCH FUNDING SUCCESS

Congratulations to Associate Professor Brona Fullen on her recent research funding success!

Associate Professor Brona Fullen has been awarded €74,121 from the Higher Education Authority for a project titled Undergraduate Physiotherapy Pain Science Curriculum Augmentation Project under the Erasmus+ Programme Key Action 2: Partnerships for Cooperation.

New Postdoctoral Research Fellow



Dr Kaat Philippe joined the school on March 28th as a Postdoctoral Research Fellow on the EndObesity project, under the supervision of Dr Catherine Phillips. Kaat graduated from KU Leuven (Belgium) with a Master of Science in Clinical and Health Psychology and from Jönköping University (Sweden) with a Master of Science in Child Studies. Kaat completed her PhD training at the Centre for Taste and Feeding Behaviour/INRAE/UBFC in Dijon (France) as a Marie Skłodowska Curie Fellow in the EU project Edulia. This project aimed to find ways to tackle the escalating issue of obesity by promoting healthier eating from childhood.

Kaat's PhD research – conducted in France and Denmark – was focused on studying the links between maternal and paternal feeding practices and young children's eating behaviours. Kaat has also worked as a Clinical Psychologist and Researcher at KU Leuven/University Hospitals Leuven (Belgium) to evaluate the effects of prenatal exposure to cancer treatment on the neuropsychological development of children. Kaat's research interests include child development, health promotion, eating behaviour, feeding practices, and family interactions and influence.

National Forum Digital Badge in Universal Design

More SPHPSS faculty were recently awarded the National Forum Digital Badge in Universal Design for Teaching & Learning in March 2022. Congratulations to Dr Sarah Browne and Assistant Professors - Ad Astra Fellows Dr Catherine Phillips, Dr Clare Reynolds, Dr Keith Smart and Dr Cailbhe Doherty.



These badges are another step taken by SPHPSS to support equality, diversity and inclusion within the school in line with UCD'S commitment to the development of a 'University for All'.



Teaching and Learning Showcase

The UCD CHAS Teaching and Learning Showcase took place on March 9th. The event included presentations from 12 colleagues from across the University who recently completed Learning Enhancement Projects with the aid of a grant from UCD Teaching and Learning.

These projects showcase the best in innovative and interdisciplinary learning initiatives from interactive multimedia resources to blended learning and advanced communication skills.

Associate Professor Caitriona Cunningham presented as the SPHPSS University for All Faculty Partner and reported on the progress and developments in SPHPSS. Caitriona also represented the SPHPSS at the University for ALL Roadshow in February.



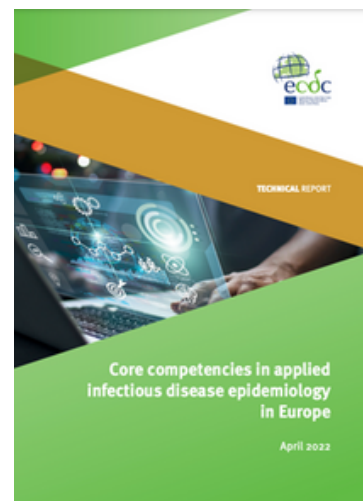
Associate Professor Caitriona Cunningham at the University for ALL Roadshow

ECDC Core competencies in applied infectious disease epidemiology

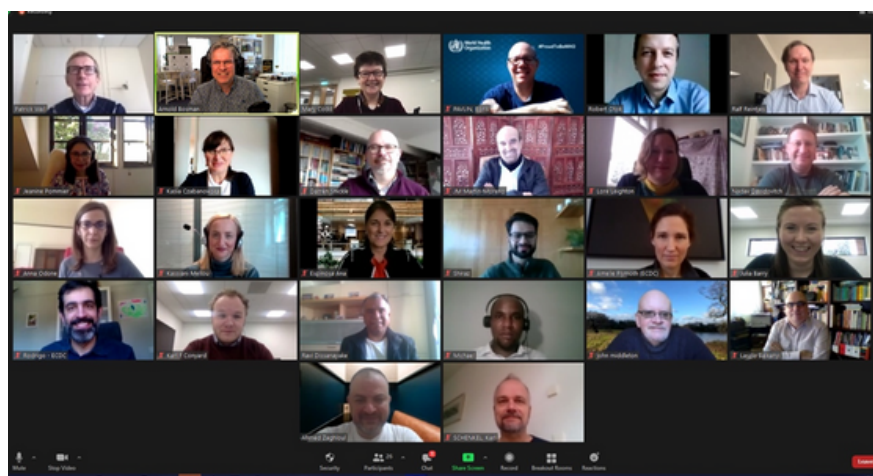
The European Centre for Disease Prevention and Control (ECDC) has published an updated set of core competencies in applied infectious disease epidemiology, the work for which was carried out during 2021 under a contract with the Association of Schools of Public Health in the European Region (ASPHER).

The competency framework comprises 157 competencies covering six subject areas as follows:

- Essential methods for applied infectious disease epidemiology;
- Preparedness, surveillance and response to infectious disease outbreaks;
- Communication and advocacy;
- Practice of infectious disease epidemiology;
- Contextual influences on infectious disease management; and
- Leadership and management



“Harmonising the competencies used in applied infectious disease epidemiology will facilitate collaboration and enhance the use of a common language among professionals who tackle cross-border health threats in Europe” (ECDC). Potential uses for this competency set include curriculum reviews in public health programmes, training needs assessments in public health institutions, individual assessments and professional development planning. To facilitate the use of the competency set, ECDC has also developed a self-assessment tool aimed at helping professionals to analyse their competency level in each domain and identify relevant resources provided by ECDC and its stakeholders.



Technical Advisory Group meeting of the 'Updating core competencies in applied infectious disease epidemiology' Steering Group, with ECDC and ASPHER advisors

The work of the project was undertaken by an international, multidisciplinary team led by SPHSS **Associate Professor Mary Codd (Project Scientific Lead)** supported by ASPHER President, Professor John Middleton, and the ASPHER Secretariat. **Members of the Steering Group** also included **SPHSS Professor Patrick Wall** and **UCD MPH graduates and Contact Tracing Centre team leads, Julia Barry, Karl Conyard and Shiraz Syed.** Names and affiliations of international colleagues from Germany, Israel, Netherlands, Spain and UK are listed in the report, which can be accessed here:

This is an important contribution to the future training and education of young professionals in public health, as well as providing a benchmark for quality assurance in the public health response to infectious disease outbreaks, epidemics and pandemics. Visit the [website](#) for more information.

ICYMI: UCD VIRTUAL POSTGRADUATE OPEN DAY 2022 ON DEMAND



In case you missed it! The UCD Virtual Postgraduate Open Day 2022 was held on 1st March.

You can still [log in](#) to watch replays of our course talks, visit our booth, download brochures and watch videos. You can also take a virtual tour of our campus, find out more about being a student at UCD and much more.

APPETITE Research Project Update

Innovative plant protein fibre and physical activity solutions to address poor appetite and prevent undernutrition in older adults, or APPETITE, is a project being undertaken by a transdisciplinary consortium of experienced and well-connected experts from eight institutions (including UCD) in 6 European countries. The overarching objective of which is to overcome undernutrition in older adults through targeted nutrition and physical activity.

The project has completed phase 1 (sensory testing) of the project in March which involved a series of focus groups to identify the three most appealing samples from six varieties of our plant-based protein and fibre products. The objective of phase 1 was to identify which of the 6 varieties exhibited the most favourable characteristics in terms of flavour, taste, and palatability. The three selected would progress on to phase 2 (Amino acid study). The research project is currently near completion of phase 2 which involves the recruitment and testing of 7 community-dwelling older adults from the locality. The work achieved during this phase will establish which two of our innovative plant-based protein and fibre products will progress onto the final stages of the project, the human intervention trial commencing in the Autumn. The progression selection criteria are based on the primary outcome of the current phase, amino acid appearance in peripheral blood samples which are obtained at set intervals up to 3-hours following ingestion of the test meal. These results are compared to Whey protein as a control and matched for leucine content (being the most important AA for muscle anabolism) and macronutrient content.

This work is an important step in the overall project to ensure that only the most favourable and most palatable products progress to the final human intervention trial. The UCD people involved in this project are Brian Mullen, Elena de Marco Castro, Prof. Helen Roche, Dr. Katy Horner and Assoc. Prof. Clare Clorish. As always, sincerest gratitude to APPETITE'S project volunteers, without which this kind of research could not persist.



Test meal preparation



Sample collections from APPETITE participant



EFAD The European Federation of the Associations of Dietitians

Sustainable & Healthy Diets Webinar 4

"THE FOOD CYCLE: FROM FARMING AND SOURCING TO PACKAGING AND FOOD WASTE"

April 6th 2022
18:00 - 19:30 CET

"Food production and climate change"
Laura Battle-Bayer
Agronomist, Researcher, UNESCO Chair in Life Cycle and Climate Change at ESCI-UPF, Barcelona, Spain

"How food processing impacts sustainability, sustainable food labelling and how to make food products more sustainable?"
Pierre Garin
Registered dietician, Sports Nutritionist, Expert in food ecology, Vice-president of the UPDLF

"Food waste and nutrition quality"
Dr Sarah Browne
Lecturer / Assistant Professor in Clinical Nutrition and Dietetics at the School of Public Health, Physiotherapy & Sports Science at University College Dublin

EFAD Sustainability Module

The European Federation of the Associations of Dietitians (EFAD) launched a new module component as part of their Sustainability Education series: 'The Food Cycle: from farming and sourcing to packaging and food waste'.

Drawing from work in her recent Irish Research Council funded study on food waste and nutrition, Dr. Sarah Browne delivered the Food Waste and Nutrition Quality component of the webinar and presented at a European wide event on the 6th April. The webinar will continue to be available via the EFAD online education platform.

Technology Enhanced Learning for All

TEL All (**T**echnology **E**nhanced **L**earning **f**or **A**ll), is an institutional initiative which serves to bring together faculty and staff from across the UCD community to share Technology Enhanced Learning practice and expertise. Dr Sarah Browne, spoke at this year's event which took place in March. Sarah showcased her innovative use of Peer Scholar to support Dietetic students to develop their communication skills for working with patients. Sarah's talk can be found [here](#).

Karen Ryan is also due to contribute to the TEL All webinar series later this year. Further details on this webinar series can be found [here](#).

The next School "Teach, Learn, and Lunch" session is scheduled for Friday, 6th May at 1pm to 2pm on Zoom. Dr Sheena Hyland (sheena.hyland@ucd.ie), UCD Teaching & Learning will share her expertise on how to use rubrics in a practical and efficient manner, as well as exploring other feedback options.

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 on our website at [UCD School of Public Health, Physiotherapy and Sports Science | Graduate Programmes](#). International students can find more information about studying at UCD at [UCD Global | International Students University in Dublin](#).

RECENT PUBLICATIONS

Bourke A, Niranjana V, O'Connor R, Woods C. Barriers to and motives for engagement in an exercise-based cardiac rehabilitation programme in Ireland: a qualitative study. *BMC Prim Care*. 2022 Feb 11;23(1):28. [doi: 10.1186/s12875-022-01637-7](#).

Büttner F, Howell DR, Doherty C, Blake C, Ryan J, Delahunt E. Longitudinal vestibular and oculomotor impairments among amateur athletes 1 year following sport-related concussion: a prospective follow-up. *Journal of head trauma rehabilitation*. 2022 Mar 26;37(2):E55-64. [doi: 10.1097/HTR.0000000000000667](#).

Cunningham C, O'Donoghue G, Cosgrave S, Sands T, Leacy B, Markiewicz I, Monaghan A, Shields N. Gym staff perspectives on disability inclusion: a qualitative study. *Disability and Rehabilitation*. 2022 Feb 21:1-8. [doi: 10.1080/09638288.2022.2036826](#)

Fitzpatrick P, Bhardwaj N, Lyons A, Doherty K, Frazer K, McCann A, Niranjana V, Syed S, Fox P. Has the national fall in smoking rate in Ireland been replicated in cancer patients? a 5-year report. *Int J Environ Res Public Health*. 2022 Feb 18;19(4):2348. [doi: 10.3390/ijerph19042348](#).

Geraghty, A. A., McBean, L., Browne, S., Dominguez Castro, P., Reynolds, C. M., Hanlon, D., Bury, G., O'Neill, M., Clarke, S., Clyne, B., Finnigan, K., McCullagh, L., Kennelly, S. & Corish, C. A. (2022). Disparities in Oral Nutritional Supplement Usage and Dispensing Patterns across Primary Care in Ireland: ONSPres Project. *Nutrients*, 14(2), 338. [DOI: 10.3390/nu14020338](#)

Kelly C, Fitzpatrick P, Quinn C, Flanagan F, Connors A, Larke A, Mooney T, Kennedy M, Sheehan M, Bennett MW, Brodie C, O'Doherty A. Screen-detected ductal carcinoma in situ, 2008-2020: An observational study. *J Med Screen*. 2022 Mar 28;9691413221090739. Epub ahead of print. [doi: 10.1177/09691413221090739](#)

RECENT PUBLICATIONS

Kezia L. Ann-Marie M, Carolina R, Mora D, Maria N, Laura T, María Laura P, Vikram N. (2022) The “Knock-on” Effects of COVID-19 on Healthcare Services. In: Vindrola-Padros C., Johnson G.A. (eds) Caring on the Frontline during COVID-19. Palgrave Macmillan, Singapore. https://doi.org/10.1007/978-981-16-6486-1_12

Lyons, O. C., Flynn, M. A., Corish, C. A., Gibney, E. R., Kerr, M. A., McKenna, M. J., McNulty, H., McSorley, E. M., Nugent, A. P., O'Brien, C., Ward, M., Younger, K. M. & Saul, I. (2022). Nutrition policy: developing scientific recommendations for food-based dietary guidelines for older adults living independently in Ireland. Proceedings of the Nutrition Society, 1-27. [DOI: 10.1017/S0029665122001008](https://doi.org/10.1017/S0029665122001008)

Murphy C, French H, McCarthy G, Cunningham C. Clinical pathways for the management of low back pain from primary to specialised care: a systematic review. European Spine Journal. 2022 Apr 5:1-20. [doi: 10.1007/s00586-022-07180-4](https://doi.org/10.1007/s00586-022-07180-4)

O'Regan A, O'Doherty J, O'Connor R, Cullen W, Niranjana V, Glynn L, et al. (2022) How do multi-morbidity and polypharmacy affect general practice attendance and referral rates? A retrospective analysis of consultations. PLoS ONE 17(2): e0263258. <https://doi.org/10.1371/journal.pone.0263258>

Periklis C, Vanessa G, Dietrich P, Sara M. P, Elena V, Alibek M, Jane I, Katarzyna K, Joana N.M, Che Henry N, Isabel N, Alicia P, María J, Rodrigo S, Brecht D, Juanita A. H, The COST Action CA18218 Participants- Vikram Niranjana, Burden of non-communicable disease studies in Europe: a systematic review of data sources and methodological choices, European Journal of Public Health, 2022;, ckab218, <https://doi.org/10.1093/eurpub/ckab218>

Pratt J, De Vito G, Segurado R, Pessanha L, Dolan J, Narici M, Boreham C. Plasma neurofilament light levels associate with muscle mass and strength in middle-aged and older adults: findings from GenoFit. J Cachexia Sarcopenia Muscle. [Doi: 10.1002/jcsm.12979](https://doi.org/10.1002/jcsm.12979)

Ryan D, Rio E, O'Donoghue G, O'Sullivan C. The effect of combined action observation therapy and eccentric exercises in the treatment of mid-portion Achilles tendinopathy: study protocol for a feasibility pilot randomised controlled trial. Pilot and Feasibility Studies. 2022;8(1):1-1. [doi: 10.1186/s40814-022-00981-w](https://doi.org/10.1186/s40814-022-00981-w)

CONFERENCE PRESENTATIONS

UCD CHAS Graduate Research Student Symposium April 2022

Bhatnagar, R., Segurado, R., Linnane, B., Herzig, M., Ni Chroinin, M., Mullane, D., Elnazir, B., Greally, P., Williamson, M., Slattery, D., Healy, F., Cox, D., O'Reilly, R., Ahmaren, O., McNally, P., Javadpour, S., Kirwan, L. and Fitzpatrick, P. Evaluation of the clinical and psychological impact of the Cystic Fibrosis (CF) Newborn Screening (NBS) programme: the Irish Comparative Outcome Study (ICOS) part 2. [poster]

Carroll, L., O'Sullivan, C., Doody, C., Perrotta, C. and Fullen, B. Pelvic organ prolapse: the lived experience. [oral presentation]

Carroll, L., O'Sullivan, C., Doody, C., Perrotta, C. and Fullen, B. Pelvic organ prolapse; women's perspectives on current management & recommendations for service improvements [poster]

Cronin, K., Foley, S., Cournane, S., De Vito, G. and Delahunt, E. Hamstring muscle architecture using wide field of view ultrasound: a reliability study. [poster]

Curran, F., Blake, C., Cunningham, C., Perrotta, C., van der Ploeg, H., Matthews, J. and O'Donoghue, G. A systematic review and meta-analysis of interventions targeting sedentary behaviour change in adults; characteristics; behavioural models and behaviour change strategies. [poster]

de Marco Castro, E., Tran, T., Ben-Harchache, S., Susta, D., de Vito, G., Sundaramoorthy, G., Senden, J., Goessens, J., O'Toole, P., Brennan, L., van Loon, L., Roche, H. and Murphy, C. Effect of probiotic (bacillus coagulans) supplementation on the daily myofibrillar protein synthesis response to a plant-based diet in older adults. [oral presentation]

CONFERENCE PRESENTATIONS

UCD CHAS Graduate Research Student Symposium April 2022 [continued]

Deegan, O., Fullen, B., Casey, M., Segurado, R., Hearty, C. and Doody, C. Mindfulness combined with exercise online (move) compared with a self-management guide for adults with chronic pain: feasibility randomised controlled trial [poster]

Flynn, O., Blake, C. and Fullen, B. Migraine in university students: a snapshot of one Irish university. [poster]

Flynn, O., Blake, C. and Fullen, B. Pain in university students: a snapshot of one Irish university [poster]

Flynn, O., Blake, C. and Fullen, B. Migraine in University students: a systematic review, meta-analysis and narrative review [poster]

Hall, P. and Lennon, O. A scoping review of non- pharmacological, non-surgical secondary prevention strategies after stroke in national stroke guidelines and stroke clinical audit documents. [poster]

Hall, P., McCartan, D., Fitzgerald, C., O'Callaghan, G., Lennon, O., Hickey, A., Sorensen, J., Kroll, T., Williams, D. and Horgan, F. Experience and impact of public and patient involvement in the PhD programme iPASTAR (improving pathways in acute stroke and rehabilitation) [poster]

Kearns, M., MacAindriu, F. and Reynolds, C. M. The impact of non- caloric sweeteners on male fertility: a systematic review in rodent models. [poster].

Liu, Z. and Neville, R. Keeping them in the game – a multi- study assessment of contextual factors affecting female dropout from team sports during adolescence. [poster]

McDonald, C. Fingleton, C., Murphy, S. and Lennon, O. "Go in with an open mind": perceptions of exoskeleton use during gait rehabilitation in an acute hospital setting following stroke. [poster]

McMahon, L. and Lennon, O. Respiratory dysfunction in Parkinson's Disease: measured versus predicted metrics. [poster]

McMahon, L. and Lennon, O. A systematic review of non- pharmacological interventions for respiratory health in Parkinson's Disease. [poster]

Mu'azzam, A. and Niranjana, V. Can patient and practitioner interaction towards the perceived value of testing and diagnosis in rural Uganda strengthen community health systems? [poster]

Murphy, C., French, H., McCarthy, G. and Cunningham, C. Clinical pathways for the management of low back pain from primary to specialised care: a systematic review. [poster]

Purcell, C., Duignan, C. Fullen, B. and Caulfield, B. Assessing and classifying upper and lower limb (peripheral pain) in athletes – a scoping review of the literature. [poster]

Smart, K., Dunlevy, C., Hinwood, N., Doody, C., Blake, C., Fullen, B., O'Connell, J., Le Roux, C., Gilsenan, C. and O'Donoghue, G. Multidimensional pain profiling in people living with obesity and attending weight management services: a protocol for a longitudinal cohort study. [poster]

Tarantino, G. and Neville, R. Association between physical education teachers' attitudes towards inclusion, self-efficacy, and perception about the school context: a confirmatory model. [poster]

Teo, S., Murrin, M. Mehegan, J., Douglass, A., Segurado, R., Kelleher, C. and Phillips, C. Associations between maternal dietary scores during early pregnancy and placental outcomes. [oral presentation]

Villacampa-Fernández, M., Pollastri, G., Fanning, S. and Shields. Machine learning to discover antibiotics against *Klebsiella pneumoniae*. [poster]

CONFERENCE PRESENTATIONS

Association of University Departments of General Practice in Ireland/ Irish College of General Practitioners (AUDGPI ICGP) Joint Scientific Conference March 2022

Freeley S, Broughan J McCombe G, Casey M, Collins T, Fitzpatrick P, Frawley T, Morrissey J, Fitzpatrick P, Treanor JT, Cullen W. Promoting nurse-led behaviour change to prevent cardiovascular disease in disadvantaged communities: a scoping review.

National Forum Seminar Series 2021-2022: Teaching and Learning Enhancement Within and Across Disciplines - National Forum Seminar: A Practice Exchange of Innovations in EBP Education. March 2022

Cunningham, C., Redmond, C., Dineen,, A., Farrell, R., Foley, S. O'Donnell, D., O'Neill, E., O'Reilly, S. and Stokes, D. Developing an Interdisciplinary Evidence-Based Practice Framework (The EVIBEC Project).

Irish Association for Cancer Research (IACR) Annual Meeting, Cork, March 2022

Fitzpatrick P, Bhardwaj N, Frazer K, Fox P, Lyons A, Doherty K, Niranjana V, Masalkhi M, Syed S, Kavanagh P, Brennan S, Quinn S, Johnson M, Wall J, A McCann A. Developing a co-designed smoking cessation pathway for people with a diagnosis of cancer. Oral presentation,

Mullooly M, Mooney T, Kearney P, Williams Y, Lynch S, Connors A, Larke A, McNally S, O'Doherty A, Murphy L, Bennett KE, Fitzpatrick P, Flanagan F. Examining the impact of the COVID-19 pandemic on population-based breast screening in Ireland. Abstract No 79.

The Forum for Global Challenges, Birmingham, May 3-5, 2022

Heffernan M, Murrin C, Doyle G, Delaney L, Lades L, Lawlor O, Mullins B, Fitzpatrick P Removal of high sugar-sweetened beverages from a large university campus – an intervention to improve the university food environment.

The Irish Nutrition & Dietetic Institute Annual Research Symposium, 7th April 2022

Eight recent graduates from the MSc Clinical Nutrition & Dietetics presented posters detailing findings from their dissertations completed in Autumn 2021. Well done to Ailbhe Collins, Aoife Courtney, Olivia Porter, Sinead Mullins, Marco McVey, Helen McKenna, Emma Pearson and Aoife Murphy.

Society For Research On Nicotine and Tobacco 28th Annual Conference 2022, Baltimore, USA 15-18 March 2022

Fitzpatrick P, Bhardwaj N, Frazer K, Fox P, Lyons A, Doherty K, Niranjana V, Masalkhi M, Syed S, Kavanagh P, Brennan S, Quinn S, Johnson M, Wall J, McCann A. The development of a tailored smoking cessation intervention pathway for cancer services in Ireland.

Trinity Health Conference March 2022

Fitzpatrick P, Bhardwaj N, Niranjana V, Fox P, Lyons A, Doherty K, Masalkhi M, Syed S, Frazer K, Kavanagh P, Brennan S, Quinn S, Johnson M, Wall J, Quinn E, McCann A. Feasibility of smoking cessation practice implementation in Ireland with, for and by patients with cancer. Oral Presentation

UCD SSRA Presentations

Freeley S, Broughan J, McCombe G, Casey M , Collins T , Fitzpatrick P, Frawley T, Morrissey J, Treanor JT, Cullen W. Promoting Nurse-led behaviour change to prevent cardiovascular disease in disadvantaged communities: a scoping review. Abstract. Ir J Med Sci (2022) 191 (Suppl 1):S1–S52

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