



JULY 2022, ISSUE 6

SPHPSS IN FOCUS

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



WELCOME MESSAGE

Welcome to Issue 6 of SPHPSS in Focus. Many thanks to the Newsletter team and to everyone who contributed. It has been a very busy time across the School since our last issue. In May, postgraduate students Fiona Curran, Ciaran Purcell and Giampiero Tarantino won awards for their presentations at the Innovations in Doctoral Education Conference, which was held in UCD. PhD Student Cornelia Anne Barth was awarded the 2021 Swiss Physiotherapy Research Award for her research, and Associate Professor Brona Fullen was awarded the Europe Region World Physiotherapy Award 2022 for Outstanding Service to Physiotherapy in Europe. Congratulations to you all!

The SPHPSS hosted four events at the UCD festival, which returned on campus in June for a unique day of discovery, exploration, fun and celebrations. The School also hosted the inaugural Europubhealth+ Research Meeting, which brought public health researchers from across Europe together to showcase their research and discuss collaborative research opportunities. Pride month, June, has come to an end and we hope that all of our staff and students had time to reflect and celebrate. Creating an environment where diversity is celebrated and everyone is treated fairly is hugely important to us at the SPHPSS.

We welcome new staff members Lena Latussek and Adjunct Associate Professor Allison Waters, and wish you both well in your new roles. We also welcome Jenny Caffrey to the newsletter team and say goodbye, and thank you, to Thomas Divilly. Expressions of interest, from current PhD students, to join the team are welcome.

Read on to find out more about our latest research, teaching, achievements, and other events and activities.

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](#)
- [Prof Master of Physiotherapy](#)
- [MSc Coaching Science in Sport](#)
- [MSc Sports Management](#)

UCD SPHPSS at the UCD Festival



UCD Festival was back in 2022 as an in-person event and took place on Saturday 11th June. This year, the UCD School of Public Health, Physiotherapy and Sports Science hosted four events at the Mind and Body zone, and it was fantastic to see so many people joining in the fun.

At our 'Know Your Numbers!' stand, participants were given a snapshot of their key biometric measurements including height, weight, body mass index (BMI) and handgrip strength.

At the 'Movement Screening with the UCD Physiotherapy Hub' stand, participants completed a short circuit to get an indication of their physical fitness level, balance/motor control, lower limb power, flexibility and upper limb strength.

Used as a training aid for elite sports teams, researchers at the School use Batak equipment to test reaction speed and coordination. We invited participants to test their own speed and coordination at our 'Take the Batak Challenge' stand and see how far up the leaderboard they would place.

And last, but by no means least, Professor Eleni Theodoraki presented her research into sustainability and the impacts of mega-sports events. All in all, it was a fantastic day. See you again at UCD Festival 2023!



Pictured: SPHPSS staff, students and UCD Festival attendees at the UCD SPHPSS events at the UCD Festival, June 2022

Europe Region World Physiotherapy Award 2022

Associate Professor Brona Fullen was awarded the Europe Region World Physiotherapy Award 2022 for Outstanding Service to Physiotherapy in Europe at the World Physiotherapy 13th General Meeting on 19th May in Prague.

Sincerest congratulations on this well-deserved achievement!



Swiss Physiotherapy Research Award 2021



PhD Student Cornelia Anne Barth was awarded the 2021 Swiss Physiotherapy Research Award for her research 'A Focus Group Study to Understand the Perspectives of Physiotherapists on Barriers and Facilitators to Advancing Rehabilitation in Low-Resource and Conflict Settings' under the supervision of Associate Professor Cliona O'Sullivan and Professor Catherine Blake. This research involved focus group discussions with 31 physiotherapists from 18 low-resource and conflict contexts and aimed to understand physiotherapists' views and perspectives of current rehabilitation services, of how these services can be strengthened over the next 10 years and of the role of physiotherapy. Congratulations on the award!

Teagasc Walsh Fellowship project

Professor Catherine Blake, Head of the SPHPSS was delighted to be part of the research team which completed the Farmers Have Hearts Cardiovascular Health Programme (FHH-CHP) earlier this year.

The research team also included members from Teagasc, Institute of Technology Carlow, Irish Heart Foundation, Glanbia and UCD, with the primary researcher Diana Van Doorn, a Teagasc Walsh Fellow based at IT Carlow.

The project implemented heart screening checks by the IHF along with a targeted health promotion intervention for over 800 farmers. The results showed that over the course of one year, 81% of farmers who took part in the FHH-CHP made lifestyle changes to improve their health and 41% of farmers improved their cardiovascular risk factor profile.

The report was launched on April 6th by Minister Martin Heydon and Minister Frank Feighan and was a result of great intersectoral collaboration and partnership. UCD SPHPSS and CHAS were delighted to have been involved in this important research.




*Back Row L-R
James Brennan (Glanbia Ireland), Dr. David Meredith (Teagasc); Finian Murray (HSE), Minister Martin Heydon (Department of Agriculture, Food and the Marine), Dr. John McNamara (Teagasc)
Front Row L-R
Dr. Noel Richardson (IT Carlow); Audrey O'Shea (Glanbia Ireland), Minister Frank Feighan (Department of Health), Janis Morrissey (Irish Heart Foundation), Prof. Catherine Blake (UCD), Diana Van Doorn (Teagasc Walsh Fellow, IT Carlow)*



*Back Row L-R
Dr. David Meredith (Teagasc), Minister Martin Heydon (Department of Agriculture, Food and the Marine), Minister Frank Feighan (Department of Health), Dr. John McNamara (Teagasc)
Front Row L-R
Dr. Noel Richardson (IT Carlow), Diana Van Doorn (Teagasc Walsh Fellow, IT Carlow), Prof. Catherine Blake (UCD),*


Farmers Have Hearts Cardiovascular Health Programme





Summary Impact Report








Detailed and Summary Impact Reports are available to download here:

<https://www.teagasc.ie/publications/2022/farmers-have-hearts-cardiovascular-health-programme.php>

The 'Farmers Have Hearts' Cardiovascular Health Programme (FHH-CHP) is a unique largescale health behaviour change intervention tailored for Irish male farmers.

The overall goal of the programme is to advance public health knowledge through research assessing the effectiveness of a health behaviour change programme among Irish farmers in terms of: 1. follow-up use of health services; 2. sustainable health behaviour change; and 3. reduced CVD risk.

Inaugural Europubhealth+ Research Meeting

Inaugural In-Person and Virtual
**EUROPUBHEALTH+
RESEARCH MEETING**

6 European Universities
2 Day Public Health Research Showcase
Collaboration Opportunities

DUBLIN, 16-17 June 2022

UCD Belfield Campus
Day 1: 12pm-6pm (Dinner @ 7pm) | Day 2: 9am-1pm



Dr Tomasz Bochenek
Deputy Director, Institute of Public Health,
Jagiellonian University Medical College, Krakow
*"Why should we care about war in Europe?
Humanitarian, public health and refugee crises
caused by the war in Ukraine"*



UCD School of Public Health,
Physiotherapy and Sports Science



UCD School of Public Health, Physiotherapy and Sports Science was delighted to host the Inaugural Europubhealth+ Research Meeting on 16th and 17th June 2022 at our UCD Belfield Campus.

We welcomed Public Health researchers from 6 European universities who presented important public health research and discussed future research collaboration opportunities. The participating institutions were:

- EHESP French School of Public Health, University of Rennes
- Maastricht University
- Sheffield University, School of Health and Related Research
- Institute of Public Health, FHS, Jagiellonian University Medical College, Krakow
- University of Granada/Escuela Andaluza de Salud Pública
- School of Public Health, Physiotherapy and Sports Science, University College Dublin



Pictured: Inaugural Europubhealth+ Research Meeting, UCD, 16-17 June 2022

New Policy Brief – The Irish Fruit and Vegetable System: A Summary of Production, Trade and Consumption

Isobel Stanley and Dr. Celine Murrin have recently published a policy brief summarising the Irish fruit and vegetable system and quantifying supply from a planetary health perspective. The research was funded by the UCD Institute of Food and Health as part of their Strategic Support Scheme and was conducted with interdisciplinary colleagues from the School of Horticulture (Dr. Owen Doyle and Dr. Caroline Elliot-Kingston) and the School of Agriculture and Food Science (Dr. Breige McNulty).

The aim of the brief, targeted for multi-stakeholder use, is to provide a comprehensive view of the current system and identify gaps in knowledge to inform both policymaking and future research. The brief can be accessed through the QR code on the right. Please contact Isobel (Isobel.stanley@ucd.ie) if you would like any further information on this work.



New Assistant Professor in Sports Management

The Sport Management subject welcomes Dr Joel Rookwood who joins as Assistant Professor in Sport Management and is the new Programme Director of the BSc in Sport and Exercise Management. Joel previously held lecturing positions in British universities in Preston, Southampton, Liverpool and Leeds and has given guest lectures in 20 countries. Joel completed an undergraduate degree in Science and Football and a Masters in Sport and Exercise Science at Liverpool John Moores University, before undertaking a Masters in Sport Management at the University of Leicester.



He graduated with a PhD from the Football Industries Group of the Management School at the University of Liverpool, before completing a postgraduate teaching qualification in 2008. Dr Rookwood has had numerous applied and consultancy roles. After three contracts employed as a coach in the U.S., Joel worked in sports performance as an analyst and coach for several professional football clubs and national teams in the UK. He has led and conducted funded, published research on 30 sport-for-development projects across six continents. Joel has also worked at 15 sports mega-events in various capacities, including at the last five FIFA men's World Cups. Joel was a global columnist on a Japanese football website for a decade and has written for various media publications. He has produced numerous films amassing a combined 250,000 online views.

UPCOM Conference

Several staff members of the School took part in "UPCOM: Understanding and Preventing COVID-19 in Meat Processing Plants - Prepared for the Future", held in Backweston Laboratory Complex, Celbridge, Co. Kildare on the 30th of June. Funded by Science Foundation Ireland, under its COVID-19 Rapid Response programme, this study examined how operational factors such as ventilation rates, occupancy levels and the proximity of workers to each other affected transmission dynamics, in order to reduce risk to public health and ensure the security of the food supply – not just for COVID-19 but also for other zoonoses or pandemics. The project is led by Professor Grace Mulcahy (School of Veterinary Medicine) and Professor Séamus Fanning (Centre for Food Safety, SPHPSS) in collaboration with the Department of Agriculture, Food, and the Marine. The project involved the collaboration of other academic institutions and food business operators, national regulatory agencies and international bodies including the World Health Organisation and the Food & Agriculture Organisation of the United Nations.



Pictured: Attendees at the UPCOM Conference



Pictured: Mr. Martin Heydon T.D.

The conference was introduced by Mr. Martin Heydon T.D., Minister of State for Agriculture, Food, and the Marine and the afternoon session was opened by Peter Sousa Hoejskov from the WHO addressing a keynote "Measures to reduce the impact of COVID-19 on food safety risk management". The results of the nine working packages were presented during the conference, which included contributions from SPHPSS staff on the "Whole virus sequence analysis of SARS-CoV-2 in meat processing plants - an aid to tracking transmission routes and future pandemic preparedness" by Dr Guerrino Macori, and a panel discussion – "Lessons Learnt from COVID-19" chaired by Professor Patrick Wall - an interesting conversation on the social aspects, technologies and solutions to tackling future pandemics.

Metacognition in Psychology of Sport and Health

Associate Prof James Matthews uses a metacognition framework in the module 'The Psychology of Sport and Health II' to help students develop a deeper understanding of the course content. "Metacognition is thinking about one's thinking. It is a well-researched concept in the education domain. Prof Matthews explains, "What metacognition does is provide students with an awareness of their learning, and the ability to regulate their learning by evaluating the demands of a task and setting a goal, monitoring their progress towards the goal, problem-solving as necessary

and importantly, reflecting upon the process they have engaged in." The major themes of metacognition are based on teaching appropriate strategies, modelling metacognitive thinking, setting appropriate challenges, promoting and developing dialogue, and teaching students management and organisation of their own learning. You can read more about this initiative [here](#) or watch James speak on the topic [here](#).



SUMMER AT UCD

Our campus is looking particularly lovely at the moment – great time of year to get out and about in the warm weather and enjoy woodland walks or lazy days at the UCD lake.



Collaboration with Professional Representative Organisation

PhD student Mary E. Davis and Assistant Professor Gráinne O'Donoghue developed a guidance document on behalf of the Irish Society of Chartered Physiotherapists focused on the role of physiotherapists in weight management in adults.



The document aims to inform best practice going forward for chartered physiotherapists in Ireland in the management of adults with overweight and obesity. It was developed in collaboration with Associate Professor Caitriona Cunningham, Colin Dunlevy and Emer O'Malley from the Weight Management Service, St. Columcille's Hospital, Loughlinstown and Grace O'Malley from the W82GO Child and Adolescent Weight Management Service, Temple Street University Hospital.

Research Dissemination - PT Elevated Podcast



Assistant Professor Keith Smart was invited as a guest speaker onto the Evidence in Motion - PT Elevated Podcast (recorded 24/5/22). During the second episode of season 2 of this podcast, Assistant Professor Smart spoke about pain and pain mechanisms in physiotherapy clinical practice.

PT Elevated Podcast is a clinically focused podcast for physiotherapists and other rehab providers which aims to provide knowledge and tools based on discussions and research that can be applied into practice from the outset. Link to podcast: <https://evidenceinmotion.com/pt-elevated-align-2022-pain-mechanisms-keith-smart/>

University for ALL Symposium 2022

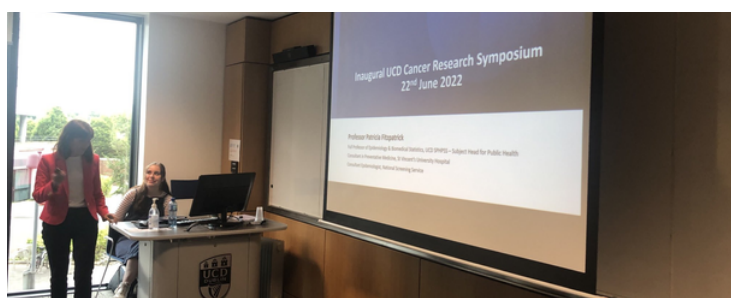
SPHPSS Faculty Partner Cairtriona Cunningham presented 'Facilitating the Digital Badge roll out – local and national' at University for ALL Symposium on May 26th, 2022 as part of the CHAS group alongside Dr Freda Browne, Dr John Gilmore and Dr Phil Halligan. Their presentations highlighted the successful rollout of the Digital Badge and the number of faculty members who have obtained this certification.



For SPHPSS staff members in particular, the roll-out of the Digital Badge has been massively successful, with a total of 17 members of SPHPSS staff having been awarded Digital Badges since the beginning of this training in 2018. The 2021/22 academic year was the most successful year to date for this roll-out, with 13 SPHPSS faculty members completing the training compared with 1 in 2020/21 and 3 in 2018/19.

Cancer Research Symposium

The UCD Cancer Research Symposium was held on Wednesday 22nd June to launch the UCD Cancer Campaign. The campaign's main objectives are to identify areas of critical mass and opportunity between basic, translational and clinical research and to give an overview of cancer research activities in UCD, St. Vincent's University Hospital (SVUH) and the Mater Misericordiae University Hospital (MMUH). Professor Patricia Fitzpatrick presented at the event where everyone could gain valuable insights in the area of smoking and cancer, with many sharing the event success on [Twitter!](#)



Pictured: Professor Patricia Fitzpatrick presenting at the event

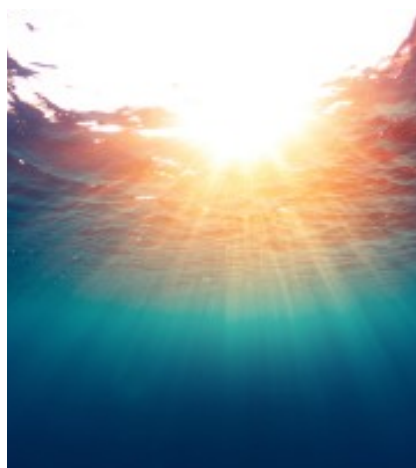
Re-election to the Executive Board at ASPHER



Congratulations to Associate Professor Mary Codd who was re-elected to the Executive Board at the Association of Schools of Public Health in the European Region (ASPHER) in June 2022.



International Collaborative Research: SolarClean



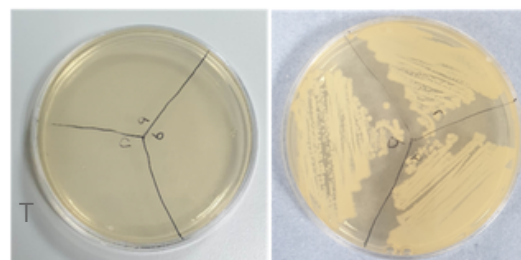
In many parts of the world there is a scarcity of clean water and sanitation which impacts on food security and sustainability, leading to malnutrition/hunger, disease outbreaks and early deaths. Water can be contaminated with organic pathogens, disinfectant residues and fresh/agricultural produce contamination. The goal of SolarClean is to develop a solar-driven, 'green', and cost-efficient approach to eliminate substances of emerging concern (SECs) from irrigation water and wastewater streams. The systems will operate without additional chemicals by using renewable solar energy and waste resources. The proposed technology overcomes the limitations of traditional approaches, which impose significant requirements in terms of energy, chemicals, infrastructure, capital and engineering expertise, which prevent their operation in many areas of the world.

Preliminary data are very positive and suggest that SolarClean is 'green' and simple, energy and cost-efficient and renewable. With no need for chemicals, it can purify/disinfect water for all, anywhere in the world.



Klebsiella pneumoniae

With SolarClean **Without SolarClean**



The SolarClean project is being led/co-led by UCD School of Chemistry Assistant Professor Dr Demetra Achilleos and UCD SPHPSS Professor Séamus Fanning, in collaboration with Professor Pieter Gouws (Stellenbosch University, South Africa), Mr Nick Andrews (UCD SPHPSS PhD candidate and Dawn Farm Foods, Ireland) and Mr Gerrit Visser (Astral Foods, South Africa). It is being funded by the Irish Aid Sustainable Development Goals (SDG) Challenge which supports teams to develop solutions to address UN SDGs to achieve a better and more sustainable future for all.

Health & Performance Science student Lara Gillespie receives Paris Olympic Scholarship award



Pictured: Lara Gillespie

Lara Gillespie, UCD SPHPSS Health & Performance Science student and UCD Ad Astra star, has received a Paris Olympic Scholarship award to aid her preparations for the 2024 Summer Games.

The cyclist was one of 15 athletes granted financial support by the [Olympic Federation of Ireland \(OFI\)](#), who has awarded \$350,000 to be distributed across thirteen sports. In 2017 she won time trial silver at the Youth Olympics, and a year later she was a European junior champion (Points) and silver medallist (pursuit).

In 2019 she won three track silvers at the European Juniors before becoming Ireland's first medallist (bronze, individual pursuit) at track's World Junior Championships. In 2020 she won the Irish senior road title and scratch (track) titles and, in 2021, she won European U23 silver in individual pursuit, her sixth medal at European Championships. Having successfully transitioned from junior to senior, she climbed the podium at the senior World Cups with a bronze medal in the Omnium in St. Petersburg, as well as a gold medal in the Team Pursuit. The Wicklow native is set to graduate from UCD SPHPSS this September.

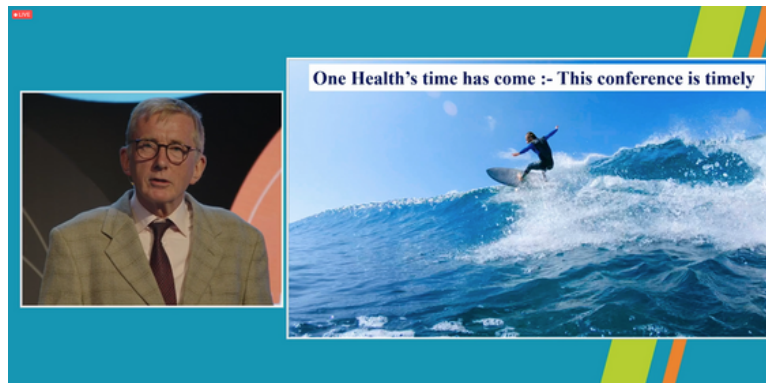
ONE – Health, Environment, Society Conference

The “ONE – Health, Environment, Society” was a four-day scientific conference held in Brussels between 21st-24th June consisting of plenary and break-out sessions held online and in person. It brought together participants with diverse backgrounds and expertise to discuss and share insights on food and feed safety from a broader perspective of sustainability. Other topics included exploring possible developments in risk assessment science and contributing to new policy targets such as the EU Green Deal.



Professor Pat Wall presented a keynote lecture entitled "One Health as integrative approach. No more walls: why we must go forward together" to over 1500 researchers, NGO members, and EU parliament members on the importance of collaboration to address the One Health agenda. The session was entitled "Science without frontiers: the case for integrated and collaborative health assessments". Prof Walls presentation will be available soon on the EFSA Channel on YouTube.

More information about the event can be found at <https://www.one2022.eu/about>



Pictured: Professor Patrick Wall speaking at the hybrid event

Plenary session on Nutrition and Physical Activity Policies



The final dissemination event for the three year, JPI-funded Policy Evaluation Network project took place in Brussels between 14th-16th June. As co-chair of the work package on Surveillance and Monitoring in the PEN project, Dr Celine Murrin chaired a parallel session and presented some of the outputs from the project including the development of catalogue of indicators of diet and physical activity measured in EU surveillance and monitoring systems and a suite of SIMPLE modules intended to initiate better harmonisation of indicators across surveillance systems.

The project also had the unique opportunity to collaborate with four other large EU-funded projects; The H2020 projects CO-CREATE and STOP, the Joint Action Best-ReMaP, and the JPI-HDHL PEN project all explored how policy can be effectively implemented to address the determinants of diet and physical activity behaviours to reduce non-communicable disease. The 3-day symposium provided an opportunity to disseminate the findings of all four projects with key stakeholders and policy makers across Europe. You can watch the full session on the PEN website [here](#).

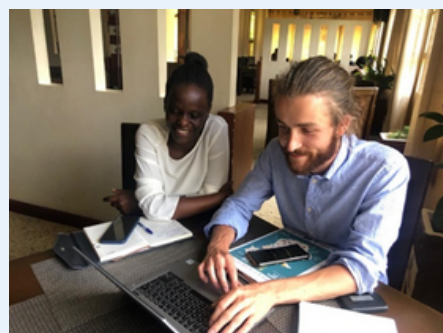
International Collaborative Research: The BACKTRACK Project

Low back pain (LBP) is the leading cause of disability worldwide and accounts for the highest disability burden in low and middle-income countries, where LBP care is not widely available. This project aims to develop a technology-enabled care pathway whereby community health workers in Uganda deliver primary LBP care. Development of a digital clinical decision support system is proposed that enables non-specialist health workers to (1) identify LBP cases that



are amenable to self-management, (2) assist the health worker in dispatching tuned self-management advice, and (3) identify cases that should be referred onwards for specialist intervention. The BACKTRACK project is being led by UCD SPHPSS researchers, Associate Professor Cliona O'Sullivan and Professor Brian Caulfield in collaboration with Professor Jerome Kabakyenga, Professor of Public Health and Herman Kazibwe, Head of Department of Physiotherapy in Mbarara University of Science and Technology Uganda.

The project is being funded by Science Foundation Ireland and the Irish Aid SDG Challenge which 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. Pictured below are Associate Professor Cliona O'Sullivan, research physiotherapist, Paul Harscouet and members of the Mbarara University of Science and Technology in Uganda, April 2022, working on technology-enabled care pathways for low back pain.



Lunch and Learn: Academic Advising Projects

The School had two projects funded by the University Academic Advising Working Group in the 2021/2022 academic year. The outputs of these projects were presented at a seminar on the 31st May which was well attended by colleagues from across the College of Health & Agricultural Sciences. Congratulations to the Principal Investigators and their teams for delivering two impactful projects.



Read more about the initiative [here](#).

- [Toolkit for Impactful Lifelong Learning in the 21st Century](#)- Dr Conor Buggy (PI), Dr Caitriona Cunningham and Prof Eleni Theodoraki
- TESLAA: TEchnology supported Student Learning and development through Appreciative Advising - Dr Denise McGrath (PI), Dr Ciara Duignan, Grainne Bannigan, Dr Aifric O'Sullivan, Dr David Coyle and Dr James Matthews

Innovations in Doctoral Education Conference

The final gathering of the CHAMELOENS Project took place in UCD during the Innovations in Doctoral Education Conference on 26th-27th May. Funded by the European Union's Horizon 2020 Research and Innovation programme, the CHAMELEONS Project aimed to broaden the skills of PhD graduates and improve their employability in academic and non-academic environments. The conference was organised by Associate Professor Tara Cusack and Dr Denise McGrath as an opportunity to come together in a dynamic way to practice design thinking and face-to-face communication/collaborative skills. During the final day of the event, the members of the CHAMELEONS Project, coming from different European Institutions, met the members of the sister project Opening Doors to share interdisciplinary research.



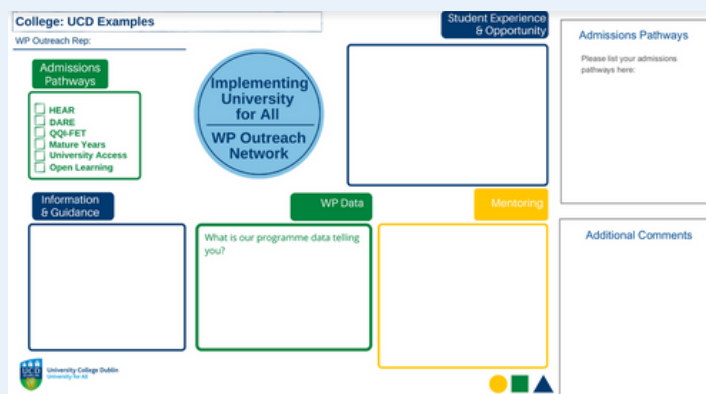
Pictured: PhD Students from the CHAMELEONS Project and Opening Doors with their presentation prizes

During this event, researchers were given the opportunity to partake in a poster presentation session and a 'Thesis in 3 minutes' competition. Three of the SPHPSS postgraduate students, Fiona Curran, Ciaran Purcell, and Giampiero Tarantino, won three awards for their poster and oral presentations. Fiona's presentation was about, "Co-design of an intervention to interrupt sedentary behaviour with people living with obesity". Ciaran spoke about his work on "Pain Assessment Framework For Upper & Lower Limb Pain In Athletes". Giampiero presented his work on "Inclusion of Children with Disabilities in Physical Education". Well done to everyone involved!

UCD Widening Participation Outreach Network Workshop

On May 31st, UCD's Widening Participation (WP) Outreach Coordinating Network hosted a workshop with a focus on collating and increasing visibility of UCD outreach activities, which aim to enhance access to University from typically underrepresented communities. In some instances WP outreach is the sole focus of such activities or it may represent an element of a larger event e.g. UCD Open Days or a research public engagement event where all undergraduate programme access routes are flagged. It is envisaged that each UCD School and Unit would include such WP outreach information on their website.

This workshop was organised by Associate Professor Cairiona Cunningham, SPHPSS (Chairperson UCD Widening Participation Outreach Network), Fiona Sweeney, Enya Murray and Roisin Guyett Nicholson (UCD Outreach Officers, Access and Lifelong Learning). The SPHPSS Marketing and Engagement Manager, Jenny Caffrey also participated in this workshop.



The Widening Participation Outreach Network is a subgroup of UCD's Widening Participation Committee with representatives from all Schools and some central UCD units (e.g. UCD recruitment). WP Outreach reps work closely with their WP reps in each school with some academic staff serving a dual role. Please e-mail cairiona.g.cunningham@ucd.ie regarding any SPHPSS Widening Participation outreach activities with which you engage.

International Collaborative Research: The GRACE Project



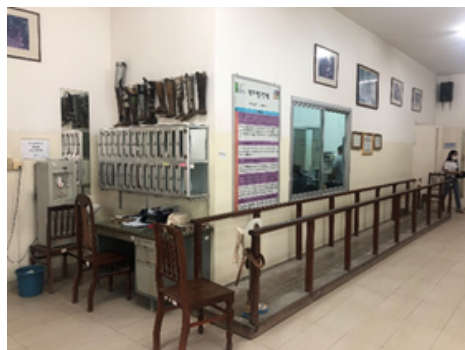
Gender aspects in Rehabilitation of persons with Amputation in Conflict- affected Environments

Women with disabilities in conflict affected or low-income countries are one of the most vulnerable groups in the world. Research by Associate Professor Cliona O'Sullivan, Prof Catherine Blake and the GRACE Group has shown that fewer women and girls attend for rehabilitation in conflict affected countries, across a range of health conditions. The purpose of the GRACE project is to better understand the impact of gender on injury profiles, clinical characteristics, access to and acceptability of rehabilitation services, in order to promote gender sensitive approaches to rehabilitation so that health outcomes are optimised for all people with amputation in conflict affected environments. The GRACE Project is funded by the Swedish Research Council and is 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.



Current research seeks to identify and address barriers to women in accessing rehabilitation and limb fitting following amputation in Ethiopia and Cambodia, using community based participatory research approaches. Planning for this phase took place in UCD with Mr Fekadu Elias, Dean of Public Health and GRACE research lead, Woliata Sodo University, Ethiopia in May and with Ms Sisary Kheng, Country Director, Exceed Worldwide and GRACE research Lead in Cambodia in June.

Pictured: Mr Fekadu Elias, Woliata Sodo University, Ethiopia and Assoc Prof Cliona O'Sullivan planning in UCD, May 2022



Pictured: Associate Professor Cliona O'Sullivan working with the team at Exceed Worldwide in Cambodia, June 2022

Teach, Learn & Lunch Online Seminars

UCD Teaching & Learning
Teagasc agus Foghlaim

ASSESSMENT FEEDBACK AND RUBRICS WORKSHOP

School of Public Health, Physiotherapy and Sports Science

DR SHEENA HYLAND
ASSISTANT PROFESSOR, EDUCATIONAL DEVELOPMENT
UCD TEACHING AND LEARNING

May 6, 2022

The final seminar of the academic year took place on Friday, 6th May with Dr Sheena Hyland, UCD Teaching and Learning who delivered a very informative session on feedback assessment and the use of rubrics.

A recording of this session can be requested from James Matthews, Chair of the Teaching and Learning Committee. We aim to run a new seminar series in the 2022/2023 academic year.

MSc in Clinical Nutrition and Dietetics Class Celebrations



Pictured: MSc in Clinical Nutrition and Dietetics Class of 2022



Pictured: MSc in Clinical Nutrition and Dietetics Class of 2020

Congratulations to the MSc in Clinical Nutrition and Dietetics class of 2022 who graduated on a sunny 2nd June. These students were on practice placements in the Autumn of 2020 and late Spring/Summer of 2021, at the height of the COVID-19 pandemic. A class that exhibited immense resilience, strong support for each other and collaboration with the programme and clinical staff, they successfully completed all elements of the MSc programme, despite many obstacles. They are now all working as registered dietitians, contributing to Irish healthcare. We wish them every success in their careers and would like to thank the clinical staff at the practice placement sites and their families for supporting them through the programme.

Renewed congratulations also to the 2020 graduates who returned to UCD on 24th June for the UCD Class of 2020 celebration to mark their achievements. A lovely ceremony was held in O'Reilly Hall followed by a reception in the UCD Village.

MSc in Clinical Nutrition and Dietetics graduates talk about their time at UCD

Two of our recent MSc in Clinical Nutrition and Dietetics graduates, Melissa Carubba and Charlie Denegar, chatted to us recently about their time in UCD and how it benefitted them in their current nutrition and dietetic roles in Boston and New Hampshire. Have a listen to what they had to say:



https://twitter.com/ucd_sphps/status/1516395952550170632



https://twitter.com/ucd_sphps/status/1516387566966214658

Erasmus+ Sports programme receives expertise from UCD's Prof Eleni Theodoraki



Professor Eleni Theodoraki performed her annual expert role to the European Commission to evaluate the merits of funding applications (to the value of 12 million Euros) under the Erasmus+ sport programme. This programme promotes participation in sport, physical activity and voluntary activities, while the calls to action aim to tackle sports and societal related challenges. The actions fall under the titles Cooperation Partnerships, Small Scale Partnerships, Not-for-profit European Sport Events and Capacity Building in the field of sport. To learn more about this initiative, please visit this [link](#).

European Pain Federation (EFIC) Congress 2022

The European Pain Federation (EFIC) Congress 2022 took place at the Convention Centre Dublin from 27-30th April. EFIC President and UCD School of Public Health, Physiotherapy and Sports Science Associate Professor Brona Fullen led the congress where leading pain researchers and visitors from around the world listened to inspirational talks and participated in refresher courses and networking opportunities.



Adjunct Associate Professor in Public Health



Dr Allison Waters joins the School as an Adjunct Associate Professor in Public Health. Allison's current role facilitates the inception, progression and completion of all research carried out by the Irish Blood Transfusion Service, providing local governance, expert leadership and research support. Allison has previously worked at the clinical, epidemiological and public health interface since completing her PhD in Medical Microbiology in 2006. She has practical experience in outbreak management and investigation and has contributed to the surveillance of many clinically significant pathogens.

Allison previously held the role of National Influenza Contact Point for Ireland, contributing to the World Health Organisation and the European Centre for Disease Prevention and Control Influenza surveillance programmes. Allison completed her Master's in Public Health at UCD in 2014 and recently a Professional Diploma in Clinical Leadership. In 2015, she was responsible for overseeing and implementing molecular laboratory developments at the National Virus Reference Laboratory, as well as training biomedical scientific staff in assay development, peer-review publication and presentations.

Her research interests are primarily in infectious diseases and molecular epidemiology and she has 28 peer-reviewed publications. She is currently involved in a number of studies in Irish blood donors which are addressing gaps in tracking the level and spread of viral infections in a healthy population. She hopes to expand her research to develop social epidemiology projects that aim to gain a deeper understanding of the motivators and barriers to blood donation. Allison is always happy to discuss research and develop collaborations, so please contact her at: research@ibts.ie or on [LinkedIN](#) (Twitter @DrAllisonWaters)

Featured Programmes: Occupational Safety and Health Certificate and Higher Diploma Courses

The UCD Centre for Safety and Health at Work (CSHW) is an award-winning academic centre within the UCD School of Public Health, Physiotherapy and Sports Science.

We have been offering multidisciplinary programmes in occupational safety and health to adult students for almost thirty years. We are the leader in the field, using innovative technology and flexible teaching programmes to meet the needs of industry.

The one-year part-time blended online and flexible teaching [Certificate in Safety and Health at Work](#) programme offers an introduction to a comprehensive range of topics including legislation, risk and safety management, identification of physical, chemical, psycho-social and ergonomic hazards, emergency management, occupational health hazard management and occupational safety hazard management. Students who successfully complete the Certificate in Safety and Health at Work will be able to advise management on a range of OSH issues in their workplace.

The [Higher Diploma in Safety, Health and Well-Being at Work](#) programme is a two-year part-time programme and is especially suitable for people with a professional interest in, and responsibility for, safety and health in the workplace. These include safety advisors, managers, engineers, occupational hygienists, physicians and nurses. The Higher Diploma is recognised by the UK Institution of Occupational Safety and Health (IOSH) as an academic qualification for granting Chartered Membership of the Institution.

We are currently welcoming applications for both our Certificate in Safety and Health at Work and our Higher Diploma in Safety, Health and Well-Being at Work programmes, both with a September 2022 start.



Guest lecturers at the SPHPSS

In the last trimester before our students sat exams and took a well-deserved break, we had the pleasure of welcoming a number of guest lecturers.

Pictured below is Professor Oonagh Breen, UCD Sutherland School of Law, who shared her insight into the role of law and governance in sport and Gareth Farrelly, former professional footballer and Sport & Litigation lawyer who spoke about governance in football with our MSc Sport Management students.





UPCOMING TRAINING COURSE

Dr Guerrino Macori will be holding a training session on "**whole-genome sequencing (WGS) and analysis of genomic data**" on Wednesday 7th September (online training 10.00 h- 14.00 h Irish time).

For further details on the training and registration please contact Dr Guerrino Macori at: guerrino.macori@ucd.ie

Visiting Student

Guillaume Grataloup is a visiting student from Polytech Nice-Sophia (Biot, France), School of Bioengineering has started an internship at the UCD Centre for Food Safety as part of his academic training under the supervision of Prof Séamus Fanning and Dr Guerrino Macori. His project focuses on the bioinformatic analysis of metabolic pathways involved in the adaptation of *Klebsiella pneumoniae* to its environment, in particular, clinical isolates. Welcome Guillaume!



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](https://www.ucd.ie/schoolofpublichealth/graduateprogrammes). International students can find more information about studying at UCD at [UCD Global | International Students University in Dublin](https://www.ucd.ie/global/internationalstudents).

RECENT PUBLICATIONS

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Braune K, Krug N, Knoll C, Ballhausen H, Thieffry A, Chen Y, O'Donnell S, Raile K & Cleal B. Emotional and Physical Health Impact in Children and Adolescents and their Caregivers Using Open-Source Automated Insulin Delivery: Qualitative Analysis of Lived Experiences. *Journal of Medical Internet Research*. 2022 (in press). DOI: <https://doi.org/10.2196/preprints.37120>

Broughan J, Treanor J, Morrissey J, Damery M, Collins T, Casey M, Doyle O, Fitzpatrick P et al. Preventing cardiovascular disease in at-risk patients: Protocol for a feasibility study in general practice ('High-Risk Prevention Programme'). *HRB Open Res* 2022, 5:34 <https://doi.org/10.12688/hrbopenres.13538.1>

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](https://doi.org/10.1097/HTR.0000000000000667)

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Catherine M. Phillips, Chloe Andrews, Emily Brigham, Ling-Wei Chen, Yueh-Ying Han, Corrine Hanson, Augusto Litonjua, Carmen Monthé-Drèze, Kinga Polańska and Sarbattama Sen. Inflammatory potential of diet and health outcomes in pregnancy, infancy, and childhood. Pages 609-663, Book chapter in: *Diet, Inflammation and Health*, Elsevier Science (Imprint: Academic Press), April 2022 <https://doi.org/10.1016/B978-0-12-822130-3.00004-1>

Chen Y, Buggy CJ, Roe M, Sripaiboonkij P, Drummond A & Perrotta C. Worker adaptation behaviours and mental health impacts in Irish workplaces arising from COVID-19 – observations of OSH professionals. *Safety and Health at Work*. 2022; 13: S167. Available [here](#). DOI: 10.1016/j.shaw.2021.12.1273

Chen Y, Kelly S & Buggy C. Evaluating safety and risk awareness in contact sports: development of a quantitative survey for elite rugby: Article *International Journal of Occupational and Environmental Safety* 6(1):26-40 29 Apr 2022. DOI: https://doi.org/10.24840/2184-0954_006.001_0004

Esteves E, Koolman L, Whyte P, Gupta TB, Bolton D. An Evaluation of Sporicidal Treatments against Blown Pack Spoilage Associated *Clostridium estertheticum* and *Clostridium gasigenes* Spores. *Applied Sciences*. 2022 Feb 5;12(3):1663. <https://doi.org/10.3390/app12031663>

Freeley S, Broughan J, McCombe G, Casey M, Fitzpatrick P, Frawley T, Morrissey J, Treanor JT, Collins T, Cullen W. Promoting nurse-led behaviour change to prevent cardiovascular disease in disadvantaged communities: A scoping review. *Health & Social Care in the Community*. DOI: <https://doi.org/10.1111/hsc.13867>

Kearns ML, MacAindriu F and Reynolds CM. The Impact of non-caloric sweeteners on male fertility: A systematic review and narrative synthesis in rodent models, *Frontiers in Nutrition-Nutrition and Metabolism*. <https://doi.org/10.3389/fnut.2022.854074>

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Marmion M, Macori G, Ferone M, Whyte P, Scannell AG. Survive and thrive: Control mechanisms that facilitate bacterial adaptation to survive manufacturing-related stress. *International Journal of Food Microbiology*. 2022 Mar 5:109612. DOI: [10.1016/j.ijfoodmicro.2022.109612](https://doi.org/10.1016/j.ijfoodmicro.2022.109612)

Marmion M, Macori G, Whyte P, Scannell AG. Stress response modulation: the key to survival of pathogenic and spoilage bacteria during poultry processing. *Microbiology*. 2022 Apr 22;168(4):001184. DOI: [10.1099/mic.0.001184](https://doi.org/10.1099/mic.0.001184)

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McSharry S, Koolman L, Whyte P, Bolton D. Inactivation of *Listeria monocytogenes* and *Salmonella Typhimurium* in beef broth and on diced beef using an ultraviolet light emitting diode (UV-LED) system. *LWT*. 2022 Mar 15;158:113150. <https://doi.org/10.1016/j.lwt.2022.113150>

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Mu Y, Li R, Du P, Zhang P, Li Y, Cui S, Fanning S, Bai L. Genomic Epidemiology of ST34 Monophasic *Salmonella enterica* Serovar Typhimurium from Clinical Patients from 2008 to 2017 in Henan, China. *Engineering*. 2022 May 29. <https://doi.org/10.1016/j.eng.2022.05.006>

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Parveen S, Garzon-Orjuela N, Amin D, McHugh P, Vellinga A: Public Health Interventions to Improve Antimicrobial Resistance Awareness and Behavioural Change Associated with Antimicrobial Use: A Systematic Review Exploring the Use of Social Media. *Antibiotics* 2022, 11(5):669. [doi: 10.3390/antibiotics11050669](https://doi.org/10.3390/antibiotics11050669)

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Russell L, Whyte P, Zintl A, Gordon SV, Markey BK, De Waal T, Nolan S, O'Flaherty V, Abram F, Richards KG, Fenton O and Bolton DJ. The Survival of *Salmonella* Senftenberg, *Escherichia coli* O157:H7, *Listeria monocytogenes*, *Enterococcus faecalis* and *Clostridium sporogenes* in Sandy and Clay Loam Textured Soils When Applied in Bovine Slurry or Unpasteurised Digestate and the Run-Off Rate for a Test Bacterium, *Listeria innocua*, When Applied to Grass in Slurry and Digestate. *Frontiers in Sustainable Food Systems*. 2022. 6:806920. [doi:10.3389/fsufs.2022.806920](https://doi.org/10.3389/fsufs.2022.806920)

Satokar VV, Vickers MH, Reynolds CM, Ponnampalam AP, Firth EC, Garg ML, Bridge-Comer PE, Cutfield WS, Albert BB. Toxicity of oxidized fish oil in pregnancy - a dose response study in rats. *Am J Physiol Regul Integr Comp Physiol*. 2022 Jun 21. Epub ahead of print. PMID: 35726870. [doi: 10.1152/ajpregu.00042.2022](https://doi.org/10.1152/ajpregu.00042.2022)

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Walsh ME, Kristensen PK, Hjelholt TJ, Hurson C, Walsh C, Blake C. Multivariable prediction models for long-term outcomes after hip fracture: A protocol for a systematic review. HRB Open Research. 2022 Jun 9;5(44):44. [DOI: 10.12688/hrbopenres.13575.1](https://doi.org/10.12688/hrbopenres.13575.1)

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Woolford S, D'Angelo S, Mancano G, Curtis EM, Ashai S, Shivappa N, Hébert J, Crozier SR, Phillips C, Suderman M, Relton C, Cooper C, Harvey NC; ALPHABET Consortium Investigators. Associations between late pregnancy Dietary Inflammatory Index (DII) and offspring bone mass: a meta-analysis of the Southampton Women's Survey (SWS) and the Avon Longitudinal Study of Parents and Children (ALSPAC). J Bone Miner Res. 2022 Jun 10. [doi:10.1002/jbmr.4623](https://doi.org/10.1002/jbmr.4623). Online ahead of print. PMID: 35689423

CONFERENCE PRESENTATIONS

British Society for Colposcopy & Cervical Pathology Conference, UK, April 2022

Joyce, D., O'Donovan, B., Mooney, T., Rimmer, B., Fitzpatrick, P., Flannelly, G., Russell, N. S., Sharp, L., O'Connor, M., Martin, C. M. and O'Leary, J. J. What influences cervical screening uptake in older women and how can screening programmes translate this knowledge into behaviour changing strategies? [oral presentation]

Mooney, T., Fahy, L., Mason Mohan, C., Gleeson, G., Fitzpatrick, P. and Russell, N.E. Downstream effects of the Cervical Check crisis on women accessing the programme. [oral presentation].

Mooney, T., Gleeson, G., Price, J., Fitzpatrick, P., Short, M. and Russell, N.E. An intervention to reduce women referred to colposcopy in Ireland for reason of clinical indication. [oral presentation]

Microbiology Society Annual Meeting, Belfast, UK. April 2022

Macori, G., Russell, T., Barry, G., Wall, P., Sammin, D., Mulcahy, G. and Fanning, S. Inactivation and recovery of high-quality RNA from positive SARS-CoV-2 rapid antigen tests suitable for whole virus genome sequencing. [oral presentation]

Macori, G., Russell, L., Cores Rodriguez, F., Floss-Jones, A., Russell, T., Barry, G., Wall, P., Sammin, D., Mulcahy, G. and Fanning, S. Investigating the presence of SARS-CoV-2 in selected foods and food production environments. [oral presentation]

Macori, G., McCarthy, S. C., Koolman, L., Russell, L. and Fanning, S. Microbiota development, probiotic potential and competition with foodborne pathogens revealed by RNA-based long-amplicon sequencing during the fermentation of water kefir and kombucha. [poster presentation]

International Conference on Integrated Care. Odense, Denmark, May 2022

Murphy C, French, H, Mc Carthy G, Cunningham C. Integrated Care Pathways for low back pain (LBP) from primary to specialised care: a systematic review. [oral presentation].

CONFERENCE PRESENTATIONS

Faculty of Public Health Medicine Conference, Royal College of Physicians. Dublin, Ireland and online, May 2022

Bhardwaj N, S, Fox P, Niranjana V, Lyons A, Frazer K, Brennan S, Kelly C, Brennan D, Keane M, Geraghty J, Guerin S, Fitzpatrick P. Approach and perspective of oncology healthcare professionals for smoking cessation for cancer patients: A qualitative study. [poster presentation]

Chen Y, Ingram C, Downey V, Roe M, Howe R, Drummond A, Sripaiboonkij P, Buckley C, Alvarez E, Perrotta C & Buggy C. Is Occupational Safety and Health a part of Public Health? [poster presentation]

Frazer K, Bhardwaj N, Fox P, Niranjana V, Quinn S, Kelleher CC, Fitzpatrick P. Rapid systematic review of smoking cessation interventions for people who smoke and are diagnosed with lung, cervical, breast or head and neck cancer. [poster presentation]

Ingram C, Chen Y, Roe M, Downey V, Buggy C & Perrotta C. Frontline workers' satisfaction with occupational Covid-19 control measures during the third pandemic wave in Ireland: insights from a national online survey. [oral presentation]

Niranjana V, Fitzpatrick P, Morrogh R, O'Hagan K. Feasibility of community outreach programme for improving cancer related health behaviour. [poster presentation].

Institute of Food and Health Public Lecture Series. Dublin, Ireland, May 2022.

Reynolds, C. and Feeney, E. Taste matters - Taste, nutrition and health. [lecture]

ASM Microbe 2022, Washing D.C., USA. June 2022

Koolman, L., Devineau, S. and Fanning, S. Phenotypic analysis reveals the potential of the opportunistic pathogen *Klebsiella pneumoniae* to form biofilms on microplastics. . [oral presentation]

ONE Health, Environment, Society Conference 2022. Brussels, Belgium and online, June 2022

Macori, G., Russell, L., Cores Rodriguez, F., Floss-Jones, A., Russell, T., Barry, G., Sammin, D., Mulcahy, G. and Fanning, S. Investigating the presence of SARS-CoV-2 in selected foods and food production environments using harmonised RT-qPCR and WvGS protocols. [poster presentation].

Rubiola, S., Chiesa, F., Civera, T., Fanning, S. and Macori, G. A next generation sequencing approach for the antibiotic resistome surveillance in the milk production environment. [poster presentation]

Royal College of Obstetricians & Gynaecologists World Congress 2022. Online. June 2022

Mooney, T., Fahy, L., Mason Mohan, C., Gleeson, G., Fitzpatrick, P. and Russell NE. A cervical screening crisis: short and medium-term effects. [poster presentation]

UCD One Health Conference, Dublin, Ireland, June 2022

Koolman, L., Devineau, S. and Fanning, S. Phenotypic analysis reveals the potential of the opportunistic pathogen *Klebsiella pneumoniae* to form biofilms on microplastics. [poster presentation]

Macori, G., Russell, T., Russell, L., McCarthy, S. C., Cores Rodriguez, F., Floss-Jones, A., Barry, G., Sammin, D., Mulcahy, G. and Fanning, S. Investigating the presence of SARS-CoV-2 in selected foods and food production environments. [poster presentation].

Reynolds, C. Maternal diet as a mediator of offspring health. [oral presentation]

WONCA World Rural Health Conference 2022, Limerick, Ireland, June 2022

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

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