

SURE



Science Undergraduate Research Experience

SURE Network COVID-19 Undergraduate Research Project Support Workshop 19TH November 12:00 – 4:15 PM

From the SURE Network Curriculum Committee COVID-19 Response
Communities of Practice



Evidence Synthesis Ireland Webinar Series

Workshop 1 12:00 - 13.00 *Evidence Synthesis Ireland/Cochrane Systematic Review of Pre-clinical data*

[Click here to register online](#)

Systematic reviews in preclinical studies
Thursday November 19th, 2020
@ 12pm (Irish Time)
Register: evidencesynthesisireland.ie/training/

SYRCL
Prof Merel Ritskes-Hoitinga

SYSTEMATIC Review Facility
Nadia Soliman

Systematic Review Center for Laboratory animal Experimentation (SYRCL),
Preclinical Systematic Review & Meta-analysis Facility (SyRF)

Workshop 2 13.30 - 14.00 *Research proposal/grant application style projects: Guidelines, application writing and sample theses*

Invited Speakers: Dr. Maire Brophy, Dean of Graduate Studies AIT; Dr. Greg Byrne, Chair: Cathy Brougham

[Click here to join Research Proposal/Grant Application projects workshop](#)

Workshop 3 14:00 – 14.30 *An Introduction to Qualitative Research: Research Questions, Methods, Ethics, Limitations, and Data Analysis*

Invited speaker: Dr. Julie Dunne; Chair: Dr. Patricia Heavey

[Click here to join Introduction to Qualitative Research workshop](#)

Workshop 4 14.30– 15:00 *Survey based research projects: planning, implementation and analysis.*

Invited speaker: Dr. Patricia Heavey; Chair: Dr. Julie Dunne

[Click here to join Survey based research projects](#)

Keynote 15:15 – 16:15 *UK HEA Fellow Presentation ‘Alternatives to wet lab final year projects - Community based projects and Education research projects’*

Dr. David Lewis University of Leeds, Dr. Gan Shamer Bath University
Chair: Dr. Julie Dunne

[Click here to join Alternatives to wet lab final year projects](#)

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Speaker Biographies

Keynote Dr. Dave Lewis, School of Biological Sciences, University of Leeds, and HEA National Teaching Fellow 2015

<https://www.heacademy.ac.uk/person/dr-david-lewis>

Dave is an in-vivo neuropharmacologist by training, interested in the promotion and sharing of best practice in laboratory animal welfare, ethics and the principles of humane experimentation. He is an experienced and innovative educator; and is particularly interested in the development, provision and evaluation of non-traditional formats of Capstone or Final Year undergraduate research projects across disciplines. Dave provides opportunities for students to develop key employability skills including a suite of non-traditional final-year research projects and the teaching of bioethics. He actively involves his students as full partners in his curriculum development and pedagogical research activities through an educational research internships scheme he has developed.



Keynote Dr Gan Shermer HEA Senior Fellow and Department of Chemistry, University of Bath

<https://researchportal.bath.ac.uk/en/persons/gan-shermer>

Gan has a background in organic chemistry and science communication. She is a Senior Fellow of the Higher Education Academy and has a particular interest in innovative pedagogy in chemistry. As such she has led a number of projects to develop the teaching and learning of chemistry in higher education. Her particular interests are in the transition between school and university and the development of graduate skills in STEM degrees. She also has an interest in public engagement and leads the Departments outreach activities with schools.



Dr Máire Brophy has a PhD in Political Theory from University College Dublin and has over a decade of experience in research development across disciplines, including digital technologies, climate, transport, energy, security, and societies. She has worked extensively on European-funded projects and was previously Strategy Lead for Research Development at the Science Foundation Ireland funded centre ADAPT, based at Trinity College Dublin. In parallel, she has been involved in work around Equality, Diversity, and Inclusion, including developing practice to tackle systemic bias. She is also involved with several organisations that support researchers and scholars who are displaced by conflict or political violence. Máire is passionate about the discovery of knowledge through research and turning that knowledge into impact.



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Dr. Greg Byrne completed his PhD in 2006 in Trinity College Dublin & St. James's Hospital under the supervision of Professor Con Feighery and Dr Jacinta Kelly. The research was concerned with characterising the anti-tissue transglutaminase autoantibody response in coeliac disease. His work on autoimmunity in coeliac disease was continued during a post doc in the same laboratory. He subsequently moved to The National Children's Research Centre in Crumlin Hospital, Dublin to extend studies to children with coeliac disease. He was employed as a lecturer in DIT in 2010 and has continued his affiliation with the immunology group in St. James's hospital as well as fostering research collaborations with the O'Shea/Hogan Obesity Immunology research group in St. Vincent's Hospital, Dublin and Maynooth University.



Dr Patricia Heavey is programme co-ordinator and lecturer on the BSc (Hons) Nutrition and Health Science degree in Athlone Institute of Technology. In 2005, she was appointed as Senior Lecturer in Human Nutrition at Kingston University, London. Dr Heavey was appointed Manager of the National Nutrition Surveillance Centre, University College Dublin in 2009. In addition, Dr Heavey managed the WHO Childhood Growth Surveillance Study in Ireland. Patricia was Chairperson of the Association for Health Promotion Ireland from 2017 to 2020 and is a member of several committees advising on public health and nutrition.



Dr. Julie Dunne is the Assistant Head of School of Food Science and Environmental Health, TU Dublin and a founding member of the SURE Network. She has an MA in Higher Education involving qualitative research, and a PhD in Medicinal Chemistry. Julie's pedagogic research interests include Reflective practice for work-based learning, Graduate Attributes development, and use of ePortfolios. She has developed and led a programme which received an inaugural National Forum DELTA award. Her current Chemistry research interests include the sustainable synthesis novel antimicrobial carbohydrate derivatives.

