

MANCHESTER  
1824

The University of Manchester

UCIL

University College for  
Interdisciplinary Learning

# INTERDISCIPLINARY LEARNING AND TEACHING CONFERENCE

THURSDAY, 21 MARCH 2024

UNIVERSITY OF MANCHESTER

DRAFT PROGRAMME: FEBRUARY 2024

[www.manchester.ac.uk/interdisciplinaryconference24](http://www.manchester.ac.uk/interdisciplinaryconference24)



# Key note speaker



Professor Rafe Hallett  
Higher Education Consultant

Keynote title:  
Designing Interdisciplinary  
'Challenge-based' Education

## About:

Professor Rafe Hallett currently works as a Higher Education Consultant, advising universities on themes such as curriculum design, education leadership development, portfolio diversification and embedded employability. He has held education leadership roles at the Universities of Leeds and Keele, and co-designed the University of Leeds' Liberal Arts programme. He has acted as external examiner for interdisciplinary programmes at Royal Holloway, Warwick, Sheffield and UCIL Manchester and is proud to have hosted this conference twice!

## Opening Plenary: Designing Interdisciplinary 'Challenge-based' Education

Professor Rafe Hallett will reflect on the growth of issue-based and 'challenge'-led interdisciplinary education across the HE sector, noting how universities structure these opportunities variously into programmes, pathways and clusters of innovative modules.

After reflecting on these structures, Rafe will explore the mixture of staff expertise needed to deliver these kinds of educational models, looking particularly at the need for an academic-professional spectrum of talent, and the role of 'hybrid' or 'third space' university staff in supporting their success. The session will include a participatory section which will invite delegates to map the stakeholders that are most crucial in supporting their interdisciplinary education projects.





# Programme







Traditional paper / 15 minute talks







5 minute lightning talks

9:00 - Arrival at the Alan Turing Building with tea, coffee, pastries and fruit provided.				
Time	Alan Turing G107	Alan Turing G108	Alan Turing G207	Alan Turing G209
9:20 - 10:15	<p><b>Welcome and introduction</b></p> <p><b>Opening Plenary</b></p> <p>Designing Interdisciplinary 'Challenge-based' Education</p>			
10:15 - 11:15	<p></p> <p>Interdisciplinary Perspectives by Design</p> <p>Interdisciplinary assessment to shape understanding and make a difference: The University Living Lab</p> <p>Creating a template for collaborative infrastructures in interdisciplinary courses</p>	<p></p> <p>Sharing a Design Methodology for Interdisciplinary Courses</p> <p>Tuning Tensions: Interdisciplinary Learning in an Asynchronous Distance Learning Environment</p> <p>Pedagogy, Space and After Disciplines: A Thematic Learning Model for Higher Education</p>	<p></p> <p>Embedding of interdisciplinary into the curriculum through breadth modules - an evaluation of staff and student experiences</p> <p>Creating Edinburgh: Interdisciplinary learning and teaching in the expanded field</p> <p>Students' teamwork behaviour in multidisciplinary student teams: Issues and ways forward</p>	<p></p> <p>Beyond the boundaries: Interdisciplinary Sustainability Education for All</p> <p>Promoting Interdisciplinary Learning: Experiences from the School for Transdisciplinary Studies</p> <p>Design for Interdisciplinary Learning</p>
11:15 - 11:30 - Morning break in the Alan Turing Foyer with tea, coffee and snacks				

Time	Alan Turing G107	Alan Turing G108	Alan Turing G207	Alan Turing G209
<p><b>11:30 - 12:30</b></p>	<p style="text-align: center;"></p> <p>Empirical evidence for learning outcomes of interdisciplinary higher education: a systematic review</p> <p>Interdisciplinary Programme Development and Delivery to Tackle Climate Change</p> <p>Expertise as developed through an interdisciplinary curriculum</p>	<p style="text-align: center;"></p> <p>Engaging disciplinary students in interdisciplinary electives</p> <p>Creating authentic interdisciplinary experiences for transformative learning</p> <p>Visualising structural barriers to Interdisciplinary Learning</p>	<p style="text-align: center;"></p> <p>In (Partial) Defence of the “Sage on the Stage:” Why I Teach “Traditional” Political Theory in a “Radical” Problem-Based Module</p> <p>Lessons learnt from incorporating generative AI in interdisciplinary learning and assessment</p> <p>Traveling Concepts in the Classroom: Experiences in Interdisciplinary Education</p>	<p style="text-align: center;"></p> <p>Championing Interprofessional Role Modelling</p> <p>Formula Student</p> <p>Students’ responses to their peers’ contributions on Discussion Boards: promoting meaningful interdisciplinary experiences through Discussion Questions</p> <p>Optionality and authenticity of assessment in two open interdisciplinary units</p> <p>Enhancing students’ employability skills while interdisciplinary learning is promoted</p> <p>‘Smart notes for connective thinking’ – Liberal Arts and Sciences UU</p>

**12:30 - 13:30 - Lunch in the Alan Turing Foyer with sharing platters, coffees and tea.**

Start	Alan Turing G107	Alan Turing G108	Alan Turing G207	Alan Turing G209
<p><b>13:30 - 14:30</b></p>	<p></p> <p>Creating inclusive future leaders through interdisciplinary learning or creating inclusive environments wherever you are</p> <p>Interdisciplinary assessment as a site for humanising HE</p> <p>Process over product: The use of a workbook to support interdisciplinary learning</p>	<p></p> <p>Codifying measures of integration for learning</p> <p>AcrossRCA: A Leap of Faith</p> <p>Running Interdisciplinary Engineering MSc Dissertation Projects: Challenges and How to Address them</p>	<p></p> <p>Engaging disciplinary students in interdisciplinary electives</p> <p>Travelling in the Classroom: Podcasting as an Active-Learning Tool for Interdisciplinarity</p> <p>Open-Innovation for Commons-based Entrepreneurship</p>	<p></p> <p>Interdisciplinary assessment – integrating reflection in finance</p> <p>Designing an Interdisciplinary Rubric: Challenges and Opportunities</p> <p>The International Conference of Undergraduate Research (ICUR): Undergraduate Conferences as Interdisciplinary Learning Experiences</p> <p>The write way forward? Creative writing and teaching environmental politics</p> <p>Co-creating in an interdisciplinary context - Challenges and Opportunities</p> <p>Creating interdisciplinarity</p>
<p><b>14:30 - 14:45 - Afternoon break in the Alan Turing Foyer with tea, coffee and snacks</b></p>				

# Workshops

Once the afternoon break concludes at 14:45, there will be four interactive problem-based workshops, which are scheduled to finish at 15:45.

## **Alan Turing G107:**

Visible impacts? How students perceive climate change in Manchester and its environs

**Vladimir Janković**  
**University of Manchester**



## **Alan Turing G108:**

Objects Between Disciplines:  
Using the Museum of Medicine and Health collection in teaching and learning

**Harriet Palfreyman, Stephanie Seville,**  
**Carsten Timmermann**  
**University of Manchester**



## **Alan Turing G207**

Transition Makers Toolbox

**Freeke Jansen and Belle Jansen**  
**Utrecht University**



## **Alan Turing G209**

Harmonic learning – Nurturing Equality,  
Equity and Difference in, and through,  
Reflection

**Elaine Clark, Saniya Khosla,**  
**Marieta Mikulevic**  
**University of Manchester**



<b>Start</b>	<b>Alan Turing G107</b>	<b>Alan Turing G108</b>	<b>Alan Turing G207</b>	<b>Alan Turing G209</b>
15:45 - 16:15	<b>Closing plenary</b>			

Thank you for your interest in attending the Interdisciplinary Learning and Teaching Conference.

If you would like to register to attend please visit [www.manchester.ac.uk/interdisciplinaryconference24](http://www.manchester.ac.uk/interdisciplinaryconference24).

Any questions please email [IDConference@manchester.ac.uk](mailto:IDConference@manchester.ac.uk).