NATIONAL FORUM FOR THE ENHANCEMENT OF TEACHING AND LEARNING IN HIGHER EDUCATION

HEA | HIGHER EDUCATION AUTHORITY AN tÚDARÁS um ARD OIDEACHAS

Rialtas na hÉireann Government of Ireland

PROGRAMME

Venue: PwC Theatre, UCD Lochlann Quinn School of Business

09:00 **Registration**, tea and coffee at the Contemplative Space

09:30 **Welcome:** Ms Áine Galvin, Director, UCD Teaching and Learning
Opening Address: Professor Colin Scott, UCD Registrar, Deputy President and Vice-President for Academic Affairs

09:40 **Session 1: Keynote – 'The Ecological Imperative: Redesigning Education for a Transformed World'**
Keynote Speaker: Dr Punya Mishra, Director of Innovative Learning Futures at the Learning Engineering Institute and Professor in the Mary Lou Fulton College of Teaching and Learning Innovation, Arizona State University
Session Chair: Dr Leigh Wolf, Lecturer/Assistant Professor, UCD Teaching and Learning

10:45 **Session 2: The Student Voice – 'Our vision for the Future of Education'**
Introduced by: Mr David Jennings, Lecturer/Assistant Professor, UCD Teaching and Learning

11:00 **Networking break,** tea, coffee and pastries at the Contemplative Space

11:25 **Plenary session on 'Our Vision for the Future of Education'**
Session Facilitators: Dr Claire McGuinness, UCD School of Information and Communication Studies and Assoc Professor Gavin Stewart, Vice-Principal for Teaching and Learning, UCD College of Science

11:50 **The Centre for Future Learning: A Space for Engagement and Innovation**
Speaker: Professor Eilis Hennessy, UCD School of Psychology

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12:00   **Session 3: The SATLE Collective**
Session Chair: Ms Judith Archbold, Senior Project Manager, UCD Teaching and Learning

Examining Student Learning and the Utility of 'Open Book' Authentic Case-Based Online Assessments
Dr Diane Cashman, School of Veterinary Medicine

Integrity and Fairness in Assessment Through Computer-Based Examinations
Dr Miguel Nicolau, UCD School of Business

Assessment Integrity in the Era of Large Language Models: Threats and Opportunities within the UCD College of Engineering & Architecture
Dr Paul Cuffe, UCD School of Electrical and Electronic Engineering

Promoting a Culture of Academic Integrity in Online Assessment Through the Development of Instructional Tools: Perspectives from a Multidisciplinary School
Assoc Professor Carla Perrotta, UCD School of Public Health, Physiotherapy and Sports Science

Students as Champions for Academic Integrity: Developing a Multi-Stakeholder Approach
Dr Pascale Baker, UCD School of Languages, Cultures and Linguistics

Digital Literacy and Technological Transformations: Developing Critical Digital Skills Supports for Students in Professionally Accredited Programmes
Dr Marta Bustillo, UCD Library

Are You AI Ready? Investigating AI Tools in Higher Education
Mr Liam Fogarty, UCD IT Services

Gamified Academic Integrity and Ethical Practices: Online Training Module to Empower Students and Academics
Dr Guerrino Macori, UCD School of Biology and Environmental Science

TAILS-Technology-Assisted Interdisciplinary Learning and Simulation: Advancing Postgraduate Healthcare Education
Assoc Professor Tara Cusack, UCD School of Public Health, Physiotherapy and Sports Science

FLAME Facilitating Learning with Animation and Multimedia Engagement
Dr Kevin Nolan, UCD School of Mechanical and Materials Engineering

Sustainability Toolkit
Ms Kirsten Southard, UCD College of Science

Development of Sustainable Chemistry in Undergraduate Teaching Laboratories
Dr Leila Negahdar, UCD School of Chemistry

Teaching for Sustainable Wellbeing in Higher Education through Curriculum, Assessment and Pedagogy
Dr Gabriela Martinez Sainz, UCD School of Education

12:50   **Session 4: Plenary Panel and Concluding Remarks**
Professor Marie Clarke, UCD Deputy Registrar, Dean of Learning and Teaching
Dr Siobhan Donovan, Vice-Principal for Teaching and Learning, UCD College of Arts and Humanities
Assoc Professor Maeve Houlihan, Associate Dean and Director of UCD Lochlann Quinn School of Business
Professor Jonathan McNulty, Vice-Principal for Teaching and Learning, UCD College of Health and Agricultural Science
Dr Punya Mishra, Director of Innovative Learning Futures at the Learning Engineering Institute and Professor at the Mary Lou Fulton College of Teaching and Learning Innovation, Arizona State University

13:30   **Lunch**, Contemplative Space

KEYNOTE SPEAKER

Dr Punya Mishra, Arizona State University

Dr Punya Mishra is Director of Innovative Learning Futures at the Learning Engineering Institute and Professor in the Mary Lou Fulton College for Teaching and Learning Innovation at Arizona State University.

Keynote: The Ecological Imperative: Redesigning Education for a Transformed World

As climate change, political polarization, pandemics, and technologies like generative AI fundamentally alter the fabric of society, educators face significant challenges that transcend questions of classroom implementation. This keynote challenges the instrumental view of educational technology by examining how digital transformations create entirely new learning ecologies within this complex landscape - functioning simultaneously as epistemic technologies that reshape how we know and cultural technologies that transform social practices and values.

Drawing on historical patterns across print (with its stabilization of knowledge), television (with its transformation of information into entertainment), the internet (with its network effects and hyperconnectivity), and social media (with its attention economy and identity performance), Dr. Mishra explores their impacts on education and society. Building on the work of media theorists like McLuhan and Postman, who understood media as environments rather than mere tools, he identifies critical lessons that illuminate our current moment. The presentation provides thoughtful approaches for educators to become intentional architects of learning environments rather than passive consumers of technological change.

Dr. Mishra argues that by understanding technology's ecological impact—its capacity to reshape social, cognitive, and institutional structures—we can reimagine learning itself—envisioning multiple possible futures while remaining anchored in enduring educational purposes and human needs.