

EMBAJADA DE MÉXICO EN REINO UNIDO

## First Mexico-UK Interdisciplinary Congress: 200 Years of Collaboration for Academic Excellence

#### **PROGRAMME**





200 Years of Collaboration for Academic Excellence



Elena González Dávila Boy Moderator

Innovative Approaches in Disease Prevention, Diagnostics, and Treatment



Dr. J Rogel-Salazar

RogueLoop; The Ortus Group; Imperial College London; University of Hetfordshire



**Dr. Victor Martin** Bolanos-Garcia

Oxford Brookes



**Aleiandro Diaz** Hernandez

University of Oxford



María José Sánchez Alva

London School of Hygiene and Tropical Medicine, LSHTM



**Fernando Ariel Garcia Terron** 

**AHF Global Public** Health Institute



Isabela Pedroza-**Pacheco** 

University of Oxford

This session will explore the critical role of research and technology in transforming disease prevention, diagnosis, and treatment. From leveraging AI and biotech innovation to improving healthcare infrastructures, the panel will address how these advancements can redefine care, reduce risk, and manage health crises effectively, especially in underserved populations.















#### **FIRST MEXICO-UK INTERDISCIPLINARY CONGRESS**

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Dr. Fernando Gutiérrez Champion

Climate Resilience, Ecosystem Management, and Community-Based Approaches to Climate Change







Jazmín Amada Díaz Vázquez

Regional University Center, Chapingo



Dr. Jose Luis Hernandez-Ramirez

London (UCL)







Alejandra Zazueta Lopez

University of Leeds

This session will address climate adaptation through ecosystem resilience, sustainable resource management, and community engagement. Researchers will discuss how local communities, ecosystems, and water resources are integral to climate resilience, and how interdisciplinary and international cooperation can strengthen adaptive capacity and socioenvironmental sustainability.















## **FIRST MEXICO-UK** INTERDISCIPLINARY CONGRESS

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Victor Kovoc

**Educational Innovation and International Collaboration** 



Jennifer Hegewisch Taylor

London School of Hygiene and Tropical Medicine -Instituto Nacional de Salud Pública/Escuela de Salud Pública de México



**Carlos Carrillo** 

HULT



**Paulina Carmona** Rodríguez

Universidad Nacional Autónoma de México



Karina Guadalupe Díaz Pedroza

Universidad Autónoma de Chianas



Lourdes **Estefhany Orozco** 

Anglia Ruskin University

This session will explore advancements in educational strategies and the role of international collaboration in developing impactful academic programs. Covering topics like digital literacy, leadership training, and bilateral projects, the discussion will focus on how partnerships and shared resources between Mexico and the UK foster innovative, future-ready educational environments. The session will highlight how these collaborations contribute to the growth of knowledge, skill development, and robust educational systems through shared initiatives and programs.













200 Years of Collaboration for Academic Excellence



#### **KEYNOTE SPEAKERS**



Dr. César López-Camacho The Jenner Institute

In this keynote, Dr. César López-Camacho will delve into the innovative work being conducted at the Jenner Institute, where he leads the development of a pioneering mRNA vaccine platform. He will discuss the use of novel Lipid Nanoparticles (LNPs) for efficient mRNA encapsulation, an approach aimed at creating the next generation of mRNA-based vaccines with improved efficacy and stability. Funded by a JFF grant and NIHR Capital Fund, this research promises to contribute significantly to the future of vaccine technology, offering insights into the latest advancements and challenges in mRNA vaccine development.













## FIRST MEXICO-UK INTERDISCIPLINARY CONGRESS

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Andréa Lekare Moderator

Digital Innovation and Artificial Intelligence: Pioneering Solutions for Global Challenges



Diana Sarai Hernandez Manzo

**Robert Gordon University** 



**Brian Kostadinov** Shalon Isaac Medina

**Durham University** 



University College

London

**Miguel Xochicale** 



**Nelly Victoria** Alexandra Garcia



Clementina Sihuay Ramirez Marengo





**Professor Manuel Davila Delgado** 

Birmingham City

This session will delve into the transformative potential of digital innovation and artificial intelligence in addressing critical global issues. The presentations will showcase diverse applications, from immersive VR for sustainable fashion to Aldriven healthcare solutions, and explore challenges like interdisciplinary Al adoption, security advancements, and fintech innovations. These insights collectively highlight how digital and Al innovations are reshaping sectors and impacting social and economic landscapes.















Dr. Fernando Gutiérrez Champion Moderator

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**Cultural Narratives and Community Engagement Through the Arts** 



Alvaro Javier Ibarra Sosa

Guildhall School of Music and Drama, and Universidad Internacional de la Rioja



**Sharon Adair** Benítez

University of Roehampton



Fernando Tapia

UNAM - Facultad de Arquitectura



Joaquín Jesús Cruz

Lamas





National School of King's College Ballet and London **Contemporary Dance** 

This session will delve into the transformative role of arts and culture in fostering community engagement and preserving identity. By exploring various forms of artistic expression—from folkloric dance to architectural practices—panelists will discuss how these cultural narratives can inspire inclusion, provoke dialogue, and influence societal change. The conversation will highlight the significance of historical memory and contemporary practices in shaping cultural landscapes in both Mexico and the UK.













## DAY 2 FIRST MEXICO-UK **INTERDISCIPLINARY CONGRESS**

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**NOVEMBER Embassy of** Mexico in the UK

TIME

10:00 AM - 11:00 AM

11:00 AM - 12:00 PM

12:00 PM - 1:00 PM

1:00 PM - 2:00 PM 2:00 PM - 3:00 PM

3:00 PM - 3:45 PM

4:00 PM - 5:00 PM

5:00 PM- 6:00 PM

Techological Solutions and Urban Methodologies for Social Justice

Understanding Health Complexity: Chronic Conditions, Mental Health, and **Socioeconomic Determinants** 

Pathways for Growth and Global Integration

**Lunch Break** 

Research Synergies and Knowledge Transfer in Science and Technology

**Keynote - Dr. Caroline Dodds Pennock** 

Art as a Medium for Social Change and Identity Configurations

Urban Resilience and Climate Innovation: Strategies for Sustainable City Development















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Technological Solutions and Urban Methodologies for Social Justice



Savonara Soto Vargas



Alejandra Benoso Mogollan



Fernanda Robledo





University of York

London School of

Camara

Science (LSE)

FLACSO Argentina Economics and Political (Latin American Faculty of Social Sciences)

This session will focus on the role of technology and urban methodologies in addressing social justice issues, particularly related to gender equality and violence. Panelists will discuss the development and impact of the RUTAS app, explore feminist urbanism in architecture, and analyze the implications of housing policies on marginalized populations. The discussion aims to inspire actionable insights and collaborative efforts to create safer, more equitable urban environments













#### **FIRST MEXICO-UK** INTERDISCIPLINARY CONGRESS

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Erika Dafne Macias Rodriguez

Understanding Health Complexity: Chronic Conditions, Mental Health, and Socioeconomic **Determinants** 



**Barnett** 

Norwich University of

the Arts, UK.



Arias

London School of

Economics and Political

Sciences





**Palacios** 



**Gladys Guadalupe** Díaz Armas



Marianna Bárcenas Simmons

Imperial College The London School of

This session will address the intricate web of factors influencing public health outcomes, from chronic diseases and mental health to socio-economic barriers. By examining various health complexities, the panel will highlight the importance of integrated, interdisciplinary approaches in understanding and managing public health, particularly within diverse socio-economic contexts.

**London School of** 

Hygiene & Tropical

Medicine (LSHTM)













## **FIRST MEXICO-UK** INTERDISCIPLINARY CONGRESS

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Mariana errera Salcedo

Economic Development, Trade, and Innovation: Pathways for Growth Integration



César Andrés Peniche Luna



Cynthia Vega



José Luis Rivera **Pacheco** 



Penélope Pacheco-

Swansea University, Institute of International Shipping and Trade Law Nottingham University

Bayes Business School University of Kent

This session will examine how trade policy, economic modeling, and infrastructure investments can drive equitable and sustainable economic development. From regulatory innovations in electronic trade to advancements in economic modeling and renewable energy investments, participants will discuss strategies to strengthen economic resilience and close regional disparities. The dialogue will aim to highlight how innovation and targeted investments can facilitate economic growth and enhance Mexico and the UK's commercial and economic dynamics in the global economy.

















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Research Synergies and Knowledge Transfer in Science and Technology



Mario Alain Gonzalez Sanchez



Abril Rodríguez Vásquez



Jauregui-Sánchez





Maeda-Obregón



University of York

Queen's University Belfast

University of Kent

**University College** London

This session will examine interdisciplinary research efforts and their contributions to scientific advancement and economic development. Through a focus on institutional support, knowledge sharing, and advanced computational technologies, panelists will discuss how research collaboration between Mexico and the UK enhances scientific innovation and technological progress. The dialogue will emphasize the importance of knowledge transfer and institutional networks in driving sustainable growth and addressing complex scientific challenges.













# FIRST MEXICO-UK **INTERDISCIPLINARY CONGRESS**

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#### **KEYNOTE SPEAKER**



**Dr. Caroline Dodds Pennock** 

University of Sheffield

In this keynote, Dr. Dodds Pennock will delve into her groundbreaking new book On Savage Shores: How Indigenous Americans Discovered Europe. She'll bring to life the journeys of some of the earliest Indigenous travelers from Mexico to Spain, inviting us to rethink the early modern period from their perspective. Her talk will challenge Eurocentric narratives, uncovering a vital Indigenous-centered history of the Atlantic world and illuminating why these stories are essential for a deeper, more inclusive understanding of our past.

















Dr. Fernando Gutiérrez Champion Moderator

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Art as a Medium for Social Change and Identity Configurations



Castaña Arango



Maria Florencia **Denti Hussein** 



Fernando Javier Carrera Vega

Bartlett School of Architecture, UCL

London School of **Economics** 

This session will focus on the power of art to address social issues, preserve cultural identities, and promote community well-being. Panelists will examine how artistic initiatives can foster resilience among marginalized groups, particularly in the context of migration and conflict. Through innovative approaches and sustainable practices, the discussion will reveal how art can create connections, raise awareness, and empower individuals to express their experiences and cultural heritage.













## **FIRST MEXICO-UK INTERDISCIPLINARY CONGRESS**

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Jose Eduardo Medina Reyes

Urban Resilience and Climate Innovation: Strategies for Sustainable City Development



Jesus Vazquez

Chavez Queen Mary University of London, School of Engineering and Materials



Luis Arturo Reyes Reyna Victoria Jaime Valencia

Architecture in London



Arellano

Edinburgh Napier University



César Ali Rivas

Robert Gordon University



Elena Luciano Suastegui

Architecture

Association School of



Sara Estefania Valenzuela Cruz





**Daniel Flores** 

Queen Mary University of London

This session will explore cutting-edge developments in urban resilience and climate innovation. From sustainable energy storage solutions and policy-driven emission reductions to rethinking urban landscapes and the fashion industry's sustainability challenges, each presentation will offer insights into building adaptable and resilient cities. Researchers will discuss both the technical and policy innovations essential to preparing cities for future climate and social challenges.











