

**Seminars and Workshops**  
**Friday 28<sup>th</sup> November**  
**The Science Gallery, Trinity College Dublin**

**11.30 am: Lecture Theatre**  
**From Science to Society: Investing in Early Childhood**  
**Geary Institute UCD**

The PRTL I investment led to the appointment of Nobel Laureate, Professor James Heckman, as the UCD Professor of Science and Society in 2006. The core focus of this work is the experimental evaluation of interventions in early childhood. This seminar will discuss the evolution of this work programme on the economics of early childhood. It will describe a new five-year early childhood programme operating in North Dublin. It will discuss our international collaborations with the US-based Pritzker Consortium on Early Childhood Development and will launch a new European collaborative project which brings together researchers from all over Europe working on early childhood interventions.

**11.30 am: Seminar Space**  
**Mapping during the Irish Plantations, c.1580-1640'**  
**Moore Institute NUI Galway**

Dr. Annaleigh Murphy will examine the surveying and mapping that was undertaken by English surveyors, cartographers and administrators in Ireland during the decades of plantation. Focusing on the plantations of Munster, Ulster and Londonderry, the seminar will use surviving maps from libraries in Britain and Ireland to show English representations of the Irish landscape during the planning and monitoring of the settlement in the sixteenth and early seventeenth centuries.

**13.00 pm: Lecture Theatre**  
**'Will we ever understand how the brain works? Mission Impossible'**  
**Conway Institute UCD**

Perhaps the most complex organ in the human body, the brain sets us apart from other mammals. Science has shown that different areas within our brain have different functions. Dr Keith Murphy will discuss how the brain functions in health and disease and how a greater understanding of these functions will help treat diseases like schizophrenia and Alzheimer's in the future.

**13.00 pm: Seminar Space**  
**'Immigration and Multiculturalism Interactive Workshop'**  
**Institute for International Integration Studies TCD**

Professor Brian Singleton will present a performance based interactive workshop that employs research in drama studies to explore attitudes towards immigration and multiculturalism. The workshop investigates issues of migration, representing others, and cultural encounter. No previous drama experience or skills-base is necessary. The workshop will require physical participation so comfortable and loose clothing is advised.

**14.30 pm: Lecture Theatre**  
**'The Irish National Election Study'**  
**Geary Institute UCD & Trinity College Dublin**

The Irish National Election Study (INES) is the first comprehensive analysis of voting behaviour in an Irish election. At the seminar the principal investigators – Michael March (TCD) and Richard Sinnott (UCD) – will present the results of the study relating to the issue of party versus candidate voting and to the determinants of voter turnout.

**14.30 pm: Seminar Space**  
**'Nano: Science and Technology get really small'**  
**Tyndall University College Cork**

Dr. Aidan Quinn, Head of the Nanotechnology Group at Tyndall will host the workshop, which will focus on how tiny nanoscale objects are, even relative to things considered small in everyday life (e.g., the thickness of a human hair). The unique properties of nanoscale objects will be emphasised, e.g., the wine-red colour of gold nanocrystals vs. the butter-yellow colour of the bulk metal. Finally, the near- and long-term applications of nanotechnology will be discussed in terms of the potential benefits and challenges or risks to society.

**16.00 pm: Lecture Theatre**  
**Human Rights in Legal and Intercultural/Interreligious Perspectives**  
**Institute for International Integration Studies TCD**

Professors Maureen Junker-Kenny and William Binchy will present a workshop that explores the meaning of human rights and how that meaning can differ across cultures. The seminar will examine how the Universalist concept of human rights can be both critiqued and enriched from the basis of different cultures and religions

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**17.10 pm: Lecture Theatre**  
**'Gradcam: a new design: creative practice and new thinking for research'**  
**NCAD/DIT/IADT**

This event will provide an overview of the exciting new developments in creative arts research across design, visual art, music and architecture. Particular focus will be given to the concrete research projects being developed through the Graduate School of Creative Arts and Media. This will be a short team-based presentation, lasting one hour, providing demonstrations of several projects currently underway through the Graduate School.