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## PEARL 2019 Conference

*Be inspired by publicly engaged research at the  
University of Lincoln*

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# PEARL 2019 Conference

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## Public Engagement for All with Research at Lincoln (PEARL)

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### *Welcome*

**PEARL 2019 Conference celebrates another year of publicly engaged research from the University of Lincoln.**



The last year has been a busy one for publicly engaged researchers (including students) at the University of Lincoln, as funding from UKRI for PEARL (Public Engagement for All with Research at Lincoln), extended for another year, has helped more people get involved and enabled new activities to take place. Locally, these have provided more opportunities for members of the public to participate in and/or find out about research from all colleges within the University. At a national level

the University has been involved in celebrating the tenth anniversary of the National Coordinating Centre for Public Engagement (NCCPE) and taken part in nationwide public engagement initiatives such as 'Being Human', sponsored by the AHRC and British Academy.

The PEARL 2019 Conference gives everyone at the university the chance to hear about some of the best public engagement from the University in 2018-19 and enjoy looking forward to what the future has to offer, including exciting new initiatives funded by the second round of PEARL activity grants.

I hope you enjoy the afternoon and come away inspired.

*Carenza Lewis (Professor for the Public Understanding of Research)*

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## *Programme*

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<b>1.45pm – Registration</b>
<b>2.00pm – Introduction &amp; PEARL News</b> <i>Professor Carenza Lewis introduces PEARL 2019 Conference and shares PEARL news and updates.</i>
<b>Showcasing Engaged Research at Lincoln</b> <i>Speakers from across the University share their publicly engaged research.</i>
<b>PEARL Activity Grant Projects 2018-19</b> <i>PEARL 2018-19 Grant-holders share the experiences of their funded projects over the last year.</i>
<b>PEARL Activity Grant Recipients 2019-20</b> <i>Successful applicants of the PEARL 2019-20 Activity Grants are formally announced and the projects previewed.</i>
<b>4.30pm onwards - Poster Presentation &amp; Wine Reception</b> <i>Please join us for refreshments and poster presentations in the Stephen Langton Foyer.</i>

## *Speakers - Showcasing Engaged Research at Lincoln*



*Isobel Wright*  
*Lincoln Institute for*  
*Agri-food Technology*

### **Ponds, Pants and Pollinators**

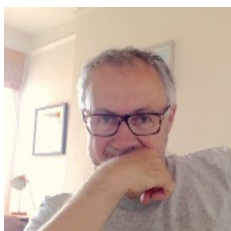
Isobel will introduce some of the research being undertaken at our Riseholme campus just north of Lincoln. We all need food – but how will we produce it in the future and what other public goods might we be able to create as land managers? Understanding ecosystems better and introducing technology both have a part to play.



*Jussi Holopainen*  
*School of Computer*  
*Science*

### **Developing RAF100 Augmented Reality Flypast for Public Engagement**

Jussi will describe how a collaborative project created the RAF100 augmented reality app, used during the RAF 100 anniversary celebrations to allow anyone and everyone to enjoy their own flypast on demand. The project partners included several schools from across the University of Lincoln as well as close collaboration with the Royal Air Force, The Airpower Association and external AR developer, Harmony.



*Ian Waites*  
*Lincoln School of*  
*Design*

### **‘Spontaneous estate evolution’: Community, Research and Social Practice on a 1960s English Council Estate**

Ian’s research explores the memories and experiences of people living on a 1960s Gainsborough council estate. Over the last 5 years, collaborations with artist practitioners and archaeologists on community-centred projects have created activities for residents to reflect upon space and time on the estate, and their place in it. Ian will reflect on these, arguing for a more publicly engaged understanding of council estates and their communities.

## *Speakers - Showcasing Engaged Research at Lincoln*

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*Laëtitia Maréchal*  
*School of Psychology*

### **Can you tell the mood of these monkeys?**

*Raising awareness from Brussels to Skegness*

Laëtitia has developed several public engagement activities based on her research on decoding monkeys' facial expressions and its impacts on human-macaque interactions. In this talk, Laëtitia will present how these activities were used to raise public awareness about wildlife tourism when the audience is from different nationalities, ages and socio-economic backgrounds.



*Ruchi Aggarwal*  
*Lincoln International  
Business School*

### **'Off the Sticky Floor'**

*A Global Examination of Self-Limiting Barriers that Inhibit the Professional and Personal Progress of Women*

Much has been written about the 'Glass Ceiling'; external barriers to individual success, particularly plaguing women. While these are real, and evidenced, the responsibility for under-achievement is focused on an external source – often out of the individual's control. 'Off the Sticky Floor' aims to provide a contrasting narrative to the Glass Ceiling. This global, women-centric study, aims to look closely at the area of self-limiting barriers as opposed to environmental barriers and offers to hand that power of achievement, back to the individual.

## *Speakers - PEARL Activity Grant Projects 2018-19*

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*Claire Markham*  
*School of Health and  
Social Care*

### **The Value and Sustainability of the Public House in Rural Communities**

Dr Markham's research explores the importance of pubs as a service to rural communities, and how village pubs in Lincolnshire may be sustained. Funded by PEARL, Claire has run two interactive seminars sharing her research and offering take-home knowledge to be considered in aiding pub sustainability, particularly for communities working to re-open or establish the longevity of their pubs.

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*Caroline Riley*  
*Research and Enterprise*

### **University of Lincoln Research Garden at the Lincolnshire Show**

The *University of Lincoln Research Garden* is an interactive platform, developed by the Doctoral School, offering young people the opportunity to interact with postgraduate students about their research. In the *Garden*, held at the Lincolnshire Show for the first time in 2018, attendees could hear postgraduates explain their research, ask questions, take part in a range of activities in the garden, and much more. Young people were enthused by a new understanding of the breadth of topics that they could explore as a researcher.



*Jordan Watson*  
*Research and Enterprise*

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## *Speakers - PEARL Activity Grant Projects 2018-19*



*Nadia Andreani*  
*School of Life Sciences*

### **Storytelling in Science: inspiring primary school students to discover the mysterious world of microorganisms**

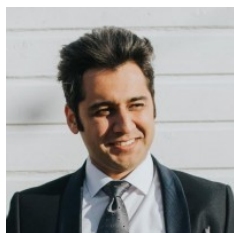
Microbiology is a complex topic to explain to children and non-expert audiences. Research in this field has a significant impact on our lives, and therefore developing how we facilitate its understanding is of great importance. Storytelling makes difficult topics more accessible, fun and engaging. Dr Andreani is creating a written and illustrated storybook to deliver knowledge of microbiology to primary schools, with input from local children.



*Andrew Rowcroft*  
*School of English and Journalism*

### **Introduction to American Literature**

Dr Rowcroft's research focusses on contemporary American fiction and critical theory. These readings have been shared through a series of workshops designed and delivered by Andrew. The sessions generated discussion and explored ideas inspired by reading contemporary US literary texts, such as Hemingway's short stories. Attendees developed oral argument skills alongside critical understanding of texts and current ongoing research at the University.



*Keivan Ahmadi*  
*School of Pharmacy*

### **Diabetes: the Sweet and the Sour**

Diabetes affects 415 million adults globally, with numbers on the rise. Whilst biological knowledge has advanced, there remains much to explore in the communication of how to prevent/control diabetes. Dr Ahmadi is creating an interactive "Forum Theatre" piece whereby audiences can explore challenge and change in diabetes. Funded by PEARL, the storyline is being created in partnership with patients policymakers, carers, students, children and clinicians.



## *Speakers - PEARL Activity Grant Projects 2018-19*

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*Edward Owens*  
*School of History*  
*and Heritage*

### **Queen and Country Pilot Study: the 2018 Royal Wedding in Lincoln**

The way that citizens ‘feel’ and ‘think’ about the crown remains a largely unstudied subject. Dr Owens’s study, taking place on Lincoln’s High Street during the time of Prince Harry and Meghan Markle’s royal wedding, asked people how they identify with the monarchy, and understand its social and political functions. The findings from this pilot will feed into a larger, first ever sustained analysis of how people have perceived a political and cultural institution that is at the symbolic centre of British national life.

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*Stefano Belli*  
*School of Computer Science*

### **Sharing Research Skills and Experiences of Gender Stereotyping**

Young women from economically disadvantaged backgrounds are one of the highest risk groups for experiencing anxiety and depression. Dr Belli is investigating how stereotypes affect emotional resilience and aspirations. A one-day workshop with a group of economically disadvantaged young women explored experiences of stereotyping and discrimination, and delivered an introductory research skills session, building attendee skills and partnerships for future collaboration.

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## *PEARL Activity Grants 2019-20*

**PEARL Activity Grants** fund new, innovative and impactful public engagement activities organised by staff or students. The scheme's second cycle has seen an increase in number of applications, with a high standard of varied and exciting activities proposed across a range of subjects. Following a competitive assessment, a panel selected 11 projects to provide funding for in 2019-20. In response to the exceptional standard and number of applications received, five **£50 PEARL micro-grants** were also awarded, which will be listed on the PEARL website.

<b>Ana Maria Barcelos Guerra Pinto</b> <i>School of Life Sciences</i>	<i>Focus groups and Q study to investigate dog ownership activities and how they benefit human well-being</i>
<b>Conan Lawrence</b> <i>School of Fine &amp; Performing Arts</i>	<i>Groundings: an exhibition to showcase Addaction service users' artworks</i>
<b>Elizabeth Bailey</b> <i>School of Education</i>	<i>Languages in Lincoln: a celebration of the languages that can be seen and heard around the city</i>
<b>Hannah Merdian</b> <i>School of Psychology</i>	<i>The International Working Group for Best Practice in the Management of Online Sex Offending: Consultation Paper - Launch Event</i>
<b>Heather Hughes</b> <i>Lincoln International Business School</i>	<i>A digital archive for Old Dalby</i>
<b>Helen Childerhouse</b> <i>School of Education</i>	<i>Happiness and wellbeing in the classroom: primary pupils' perspectives</i>
<b>James Heydon</b> <i>School of Social &amp; Political Sciences</i>	<i>Identifying and Addressing Air Quality Issues on the School Run: A Workshop Series</i>
<b>Mark Macklin</b> <i>School of Geography</i>	<i>MyRiver: a community-led social laboratory for climate change adaptation in the River Witham</i>
<b>Martin Scheuregger</b> <i>School of Fine &amp; Performing Arts</i>	<i>The harp: tradition and innovation in the twenty-first century</i>
<b>Robert Goemans</b> <i>School of Health and Social Care</i>	<i>Interactive event for understanding Victorian mental health care</i>
<b>Stephanie Hemelryk Donald</b> <i>Centre for Culture &amp; Creativity</i>	<i>There's No Place Like Home: Justice, Migration and the Arts Workshops</i>

## *Poster Presentations & Displays*

<b>Alessandro Pesaro &amp; Dan Ellin</b>	<i>International Bomber Command Centre Digital Archive</i>
<b>Carenza Lewis, Ian Waites and Team</b>	<i>Unearthing Middlefield's Utopias: public archaeology exploring the history of social housing</i>
<b>Caroline Riley &amp; Jordan Watson</b>	<i>University of Lincoln Research Garden at the Lincolnshire Show</i>
<b>Cassandre Balosso-Bardin</b>	<i>Hidden Gems</i>
<b>Chiara Beccalossi</b>	<i>Transitional States: Hormones at the Crossroads of Art and Science</i>
<b>Chris Waltham</b>	<i>OPTima: Optimising Proton Therapy through imaging</i>
<b>Emile van der Zee, Carol Callinan, Aimee Lopich</b>	<i>Reading Performance in Lincolnshire: Investigating the Impact of the Type of Phonics Programme, Socio-Economic Factors, Class Size, School Size, and Gender</i>
<b>Eliseo L. Vilalta-perdomo, Chang Ge, Rosario Michel-Villarreal</b>	<i>UoL4.0 Challenge 2019: Challenge-Based Learning as an approach to developing students' 21st Century digital skills, through University of Lincoln and businesses technology-based co-production</i>
<b>Mark Odell</b>	<i>Lincoln FUN Palace 2018: Dr Mark and the fantastic world of gas</i>
<b>Nadia Maalin</b>	<i>The Creation and Development of a Female 3D Body Database</i>
<b>Nicole Fielding</b>	<i>TOES: Tinker, Observe, Explore Science: a science capital approach to parent-child learning</i>
<b>Petra Pollux &amp; John Hudson</b>	<i>Cognitive Daisy project (COG-D): Enhancing person-centred care for older adults</i>
<b>Roksana Drobinoga &amp; Louise Wood</b>	<i>Collaborate, Conserve, Communicate; engaging the community in conserving Lincoln's historic charters</i>
<b>Sophie Mohamed</b>	<i>The Evaluation and Assessment of Body Image Perception and Distortion in Men</i>

# PEARL 2019 Conference

