

# UK Association for Studies in Innovation, Science and Technology

**AsSIST-UK**

Newsletter

July 2022

Issue 17

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This is the Newsletter from AsSIST-UK. The Newsletter is sent to all registered members of the Association. Please ensure your contact details are up to date, and if they have changed, contact us at [assistuk.info@gmail.com](mailto:assistuk.info@gmail.com). For all ongoing news about the Association visit the website at [www.assist-uk.com](http://www.assist-uk.com)

## In this issue...

This issue is pleased to announce the Andrew Webster Annual Lecture on Science Technology and Society, to take place in York this September. It also highlights a linked event being organised to focus on support for our Early Career Researchers (ECRs) in aspects of their career development, information on page 4. The event has been developed with input from current ECRs and the sessions have been selected for maximum relevance.

This year AsSIST-UK has been keen to host events aimed at ECRs in the light of the disruption to academic practice over the C-19 lockdown period. On page 5 Rachel Hale reports on two workshops, held in the Spring, with the editors of key journals in the STIS area.

The issue also features members' current news and recent publications.

Finally, a review of the 'Canaletto's Venice Revisited' exhibition, showing at the Greenwich Maritime Museum in London until September. The paintings will be of interest to STIS practitioners as they demonstrate how art can depict contemporaneous technologies and also act as a source of scientific information.

**AsSIST-uk**

Association for Studies in Innovation Science and Technology-UK

# The Andrew J. Webster Annual Lecture

## Science, Technology and Society

**The Guildhall York**

**7<sup>th</sup> September 2022: 5 pm to 8pm**

To commemorate the life and work of Professor Andrew Webster an Annual Lecture Series is being launched to showcase research in Science Technology and Society

### ***Keynote Speaker 2022***

Professor Klaus Hoeyer, University of Copenhagen

*‘Health in space: Making sense of the experience of data-intensive cross-border healthcare’*

- A panel of invited participants will share their reflections on Andrew’s intellectual contributions
- We will award the new annual AsSIST-UK Andrew Webster Prize for outstanding doctorate in STS/Innovation Studies
- Drinks Reception in the Guildhall Courtyard Garden

**Registration is free.**

*Organised by SATSU and sponsored by the Department of Sociology, University of York*

# Early Career Researchers' Summer School

*To be held at The Guildhall, York YO1 9QL,*

*10.30 – 16.00, 7 September 2022*

AsSIST-UK is hosting a Summer School for Doctoral students and Early Career Researchers to co-incide with the Andrew Webster Lecture at the Guildhall in York. This will focus on development of academic skills and networking opportunities. The event will feature a number of plenary sessions, panels, small workshops and face-to-face mentoring.

Three main sessions will focus on core issues that have been highlighted by current early career researchers as being relevant to their continuing research activities and career building:

*Develop a publishing strategy* that can cover both STIS core publications as well as assessing how to submit viable articles to neighbouring disciplines.

*Apply for funding*, with tips on the range of different types of funds available and the key information that should be included in an application.

*Develop a post-doc career* with an opportunity to share experiences with other early career researchers in the STIS area.

*Registration* will be via Eventbrite

There will be an opportunity for participants to submit 2 questions they would hope to address in the Summer School.

*Accommodation:* The Guildhall York is in the centre of the city. There is a wide variety of accommodation available for participants from hotels to Air b'n'b and booking.com

## Workshops on 'How to Publish' STIS Articles

*AsSIST-UK in collaboration with the editors of two Science, Technology and Innovation Studies (STIS) journal held online sessions on publishing for early career researchers in Spring 2022. Both sessions were well attended. Rachel Hale, from Cardiff University reports on the events:*

### *'Publishing in Science as Culture: advice from the Editors', 8<sup>th</sup> March 2022*

In March, the editorial team from the journal *Science as Culture* (Les Levidow, Kean Birch, and Mascha Gugganig) gave tips regarding the factors that editors and reviewers look for in a journal article, including what to include in your submission, how to structure them, and what to avoid. For example, the research question should drive the work and the paper. It should be explicit what the main STIS theoretical concept is being used and have a separate theory section. Think about the concept having its own social life – engage in how other authors have thought about and used them. Engage with the editors in dialogue about ideas for papers.

### *'Publishing in leading STI journals: advice from the editor of Research Policy', 3<sup>rd</sup> May 2022*

In May, Ben Martin (from SPRU's 'Science Politics and Decision Making' research mobiliser group) shared advice and insights as long-term editor for the journal *Research Policy*; although, much of the advice related to all journals. Such as, checking out journal description and keywords, making sure you cite potential referees and providing evidence that you have researched and identified a gap in theory. Ben encourages people to be bold with their papers, even though they may receive more critical reviews, as they may have higher impact in the long run. The journal doesn't have a fast publishing rate (c15 months) and 60% are desk rejected. The remaining 800 papers are reviewed by 3 people.

Recordings of the sessions will be made available

## Membership News

Professor Martyn Pickersgill is co-investigator in a new project funded by the Wellcome Trust Innovations Award entitled 'Psychosis recovery orientation in Malawi by improving services and engagement (PROMISE)'. The total award is for £3 039 622 and the principle investigator is Professor Stephen Lawrie (U. Edinburgh). Other co-investigators are J Allardyce (U. Edinburgh), S Gondwe (St. John of God Services, Malawi), C Hanlon (KCL), K Forsyth (Queen Margaret U.), S Jain (U. Edinburgh), K Kulisewa (U. Malawi), M Knapp (LSE), O Liwimbi (U. Malawi), A MacBeth (U. Edinburgh), L Manda-Taylor (U. Malawi), A Sefasi (U. Malawi), R Stewart (U. Edinburgh), and E Umar (U. Malawi). The project runs from March 2022-March 2027.

## Recent PhD awards

A student member, Molly Bond has been awarded a PhD from the University of Bristol for a thesis on synthetic biology replacements of natural products and their socioeconomic and cultural ramifications.

## New Members

A very warm welcome to all our new members.

To update existing contact details, please email us at [assistuk.info@gmail.com](mailto:assistuk.info@gmail.com) with the subject 'contact details'.

## Members' Publications

Barnett, A., Savic, M., Pickersgill, M., O'Brien, K., Lubman, D. I., and Carter, A. (2022) 'Addiction treatment providers' engagements with the brain disease model of addiction', in: Heather, N., Field, M., Moss, A. C., and Satel, S. (eds.) *Evaluating the Brain Disease Model of Addiction*, London: Routledge, pp. 283-294.

Bellet, Camille and Morgan, Emily, Breed(ing) Narratives: Visualizing Values in Industrial Farming, *Animal Studies Journal*, 11(1), 2022, 200-255. Available at : <https://ro.uow.edu.au/asj/vol11/iss1/10/>

The paper considers how farmed animals, specifically pigs and chickens, are visualised in literature designed for circulation within animal production industries. The way breeding companies create and circulate images of industrial animals tells us a lot about their visions of what industrial animals are and how they believe animals should be treated. Drawing upon a wide range of material designed for circulation within animal production industries, from the 1880s to the 2010s, we examine how representations of pigs and chickens contribute to stories of perfection and advance ideals of power, race, gender, and progress. We demonstrate that visual representations of industrial animals have remained remarkably stable over time.

Beverstock, J. and Pickersgill, M. (2022) 'Producing knowledge in a pandemic: accounts of UK-based postdoctoral biomedical scientists of undertaking research during the COVID-19 pandemic', *Humanities and Social Sciences Communications*, 9, 142, <https://doi.org/10.1057/s41599-022-01160-1>.

Broer, T., Pickersgill, M., and Cunningham-Burley, S. (2022) 'Temporal imaginaries in accounts of parenting practices: negotiations of time, advice, and expertise', *Catalyst: Feminism, Theory, Technoscience*, 8, 1, 1-24.

Czypionka, T., Iftexhar, E. N., Prainsack, B., Priesemann, V., Bauer, S., Calero Valdez, A., Cuschieri, S., Glaab, E., Grill, E., Krutzinna, J., Lionis, C., Machado, H., Martins, C., Pavlakis, M., Perc, M., Petelos, E., Pickersgill, M., Skupin, A., Schernhammer, E., Szczurek, E., Tsiodras, S., Willeit, P., and Wilmes, P. (2022) 'The benefits, costs and feasibility of a low incidence COVID-19 strategy', *The Lancet Regional Health – Europe*, 13, 100294, <https://doi.org/10.1016/j.lanepe.2021.100294>.

Pickersgill, M., Manda-Taylor, L., and Niño, N. (2022) 'Pandemic preparedness means policymakers need to work with social scientists', *The Lancet*, [https://doi.org/10.1016/S0140-6736\(22\)00983-7](https://doi.org/10.1016/S0140-6736(22)00983-7)

Pickersgill, M. (2022) 'Path from the pandemic: take off the blinkers', *Research Professional*, 20<sup>th</sup> March 2022, <https://tinyurl.com/39bfn446>.

Pinto-Garcia, L (2022) Military dogs and their soldier companions: The more-than-human biopolitics of Leishmaniasis in conflict-torn Colombia, 36 (2): 237-255.  
<https://doi.org/10.1111/maq.12694>.

Link: <https://anthrosource.onlinelibrary.wiley.com/doi/10.1111/maq.12694>

[Twitter thread](#) about the article.

Cutaneous leishmaniasis is a vector-borne disease that produces growing skin ulcers. In Colombia, the transmitting phlebotomine sandfly is native to the same jungles that have been the primary theatre of war. Although combatants are the most affected by leishmaniasis, military landmine detection dogs are also significantly impacted. This article draws on ethnographic field research with human and canine members of the Colombian military. Their leishmaniasis ulcers constitute a shared expression of violence that makes evident the closeness of the human–dog bond, differences in their state-provided health care reveal the production of shifting species hierarchies.

Stahl, B.C., S. Akintoye, L. Bitsch, D. Eke, M. Farisco, K. Grasenick, M. Guerrero, W. Knight, T. Leach, S. Nyholm, G. Ogoh, A. Rosemann, A. Salles, J. Trattig and I. Ulnicane (2021) 'From RRI to Responsibility by Design', *Journal of Responsible Innovation* 8(2): 175-198 <https://doi.org/10.1080/23299460.2021.1955613>

This article reflects on experiences from one of the biggest investments in Responsible Research and Innovation so far, namely, the EU-funded Human Brain Project. Drawing on the HBP experiences, it suggests the concept of 'responsibility by design' to incorporate societal considerations in research governance early and systematically.

Stewart, E., Donaghy, E., Guthrie, B., Henderson, D., Huang, H., Pickersgill, M., Wang, H. H. X., and Mercer, S. (2022) 'Transforming primary care in Scotland: a critical policy analysis', *British Journal of General Practice*, 72, 719, 292-294.

Ulnicane, I., W.Knight, T.Leach, B.C.Stahl and W.G. Wanjiku (2022) 'Governance of Artificial Intelligence: Emerging international trends and policy frames', in M.Tinnirello (Ed.) *The Global Politics of Artificial Intelligence*. CRC Press, pp.29-55. <https://doi.org/10.1201/9780429446726-2>

This chapter examines development of AI governance and policy internationally in the context of hype and high expectations. It interrogates emerging AI policy frames such as revolution, competition and cooperation.

Ulnicane, I. (2022) 'Artificial Intelligence in the European Union: policy, ethics and regulation', in T. Hoerber, I. Cabras and G. Weber (Eds) *Routledge Handbook of European Integrations*, Routledge, pp.254-269. <https://doi.org/10.4324/9780429262081-19>

This chapter draws on 'Europe as a power' debate and the concepts of Normative Power and Market Power to examine emerging EU AI policy, ethics and regulation in a global context.

Ulnicane, I. (2022) 'Introduction - technologies and European Integrations', in T. Hoerber, I. Cabras and G. Weber (Eds) *Routledge Handbook of European Integrations*, Routledge, pp.199-207. <https://doi.org/10.4324/9780429262081-15>

This chapter explores multiple meanings and mutual shaping of technologies and European integrations.



## Review

*An exhibition at the National Maritime Museum, Greenwich. 'Canaletto's Venice Revisited' highlights the relationship between technological change and unintended environmental impacts.*

### *Visions of everyday life*

The 18<sup>th</sup> century Venetian artist, Canaletto is associated with painting idealised visions of the city primarily for British visitors on the European Grand Tour. His paintings feature celebratory depictions of everyday life, from canal workers to markets, people idling and talking, while human activity is framed by medieval Venetian architecture. The current exhibition takes these paintings, as representing a period of transition from Venice from an industrial and trade centre to a city predominately reliant on tourism.

### *Innovation and change*

The exhibition highlights how technological changes, which took place after Canaletto's time, have had a detrimental impact on the fragile local ecosystem. One painting features people collecting water from a local well, a carefully designed medieval system that collected rain water, and helped to control flooding. Over a century later an aqueduct was opened to replace the wells, immediately subjecting the city to an

increased flooding risk. Canaletto's depiction of the Arsenale focusses on what was then the largest ship building industrial complex in Europe. However, the highly skilled industry soon declined

### *Tourism and the environment*

By 1930 the first large cruise ships brought mass tourism to the city, damaging the lagoon ecosystem. The continual increase in ship capacity has led to a grassroots campaign to ban these ships completely. Climate change has resulted in regular severe floods, leaving Venice as a global early warning system for people living in similar environments. Canaletto's paintings, often depict algae on buildings showing the level of high tide, and these have been used to calculate the rise in sea level from a time before records started. Finally, the complex relationship between the environment and technology continues, as Venice's own flood defense system 'MOSE' finished in 2003 has been accused of having a negative impact on the lagoon ecosystem.

*Canaletto's Venice Revisited is at the National Maritime Museum, Greenwich until 25<sup>th</sup> September 2022.*