



# THE PACIFIC CIRCLE

ONLINE LECTURE  
JANUARY 20<sup>th</sup> 2022

## Nuclear Weapons and the Unsettling of Sovereignty in the Marshall Islands, 1944-1963

MX Mitchell (University of Toronto)

**Abstract:** Between 1946 and 1958, the Marshall Islands became a critical center of the United States' nuclear weapons program. The United States detonated its largest and most powerful nuclear bombs in Indigenous lands and waters, offshoring the mass-scale violence and risk of its signal weapons system. The Marshall Islands, however, were not a part of US territory. Working through the United Nations, US diplomats engineered a sui generis international status—strategic trusteeship—into which it placed Pacific islands seized from Japan during World War II. The Trust Territory of the Pacific Islands became a novel, anomalous legal zone of US empire uniquely tied to both nuclear weapons and international law and institutions. This paper explores how this new, yet indeterminate status redefined relationships between sovereignty, territory, and jurisdiction before the worldwide cessation of US atmospheric nuclear blasting in 1963. Drawing on archival research in activists' records, court files, United Nations records, Trust Territory records, and US government agency collections, the paper traces Islanders' legal actions across three different forums. It examines how Islanders' claims over damage to their bodies, ancestral atolls, and ways of life exposed the emerging contours of strategic trusteeship and the boundaries of their belonging in national and international legal and political systems.



*Admiral Wright poses for photo on Enewetak Atoll, 1946, US National Archives & Records Administration II, College Park, Maryland.*

**Mary X. Mitchell** is assistant professor at the Centre for Criminology and Sociolegal Studies and the Institute for the History and Philosophy of Science and Technology at the University of Toronto. Prior to joining the University of Toronto, Mitchell was a faculty fellow at Princeton University, an assistant professor at Purdue University, and a postdoctoral fellow at Cornell University. She practiced law and clerked for Judge Anthony J. Scirica of the United States Court of Appeals for the Third Circuit before earning her PhD at the University of Pennsylvania. Mitchell's work focuses on the intersections between law, knowledges, and technology.

The lecture will be held via Zoom. Please [click here](#) to register in advance, or visit <http://thepacificcircle.com/blog/> for further details.



**PACIFIC CIRCLE NEWSLETTER, 2:1**  
**3 January 2022**

**NEWS and NOTES**

**Officers and Council Members of the Pacific Circle**

**President**

**Sujit Sivasundaram** is Professor of World History, Director, Centre of South Asian Studies, and Fellow in History, Gonville and Caius College, University of Cambridge. Prof. Sivasundaram's research began in the Pacific Ocean before turning towards the Indian Ocean. His most recent book is *Waves Across the South: A New History of Revolution and Empire*, an account of these two oceans in the "Age of Revolutions." This book won the British Academy Book Prize for Global Cultural Understanding 2021. His research engages with the history of science and knowledge, environmental history, the history of race and oceanic history. He is also interested in methodological questions in world history and the history of animals. His most recent paper is a short viewpoint in *Past and Present* on the long origins of Covid-19 told with special attention to the history of indigenous peoples and their knowledges in South Asia.

**Vice Presidents**

**Bronwen Douglas**, School of Archaeology & Anthropology, ANU. Professor Douglas taught Pacific History and wrote ethnographic histories of New Caledonia and south Vanuatu until the mid-1990s. She has since combined the ethnohistory of encounters in Oceania with the history of the human sciences and the sciences of place. She was co-editor of the *Journal of Pacific History* in 2014-2018. Among Prof. Douglas' publications are *Science, Voyages, and Encounters in Oceania 1511-1850* (Palgrave Macmillan, 2014); *Collecting in the South Sea: The Voyage of Bruni d'Entrecateaux 1791-1794* (Sidestone Press, 2018) and *Foreign Bodies: Oceania and the Science of Race 1750-1940* (ANU ePress, 2008).

**Martin Dusinberre** is Professor and Chair for Global History, Department of History, University of Zurich. Dr. Dusinberre's research focuses on the history of Japan's engagement with the Pacific world from the mid-19th to the mid-20th-centuries. In the last decade, he has published on the history of transpacific migration, shipping, sugar plantation labor, and Japanese conceptions of the 'Pacific age.' He is currently completing his second monograph, a study of the constitution of "the" archive in an age of global history. He has co-edited special issues of *The Journal of Global History* (2016), *Historische Anthropologie* (2019) and the *Historical Journal* (2021). He has served on the Editorial Board of *Past and Present* since 2020.

## Council Members

**Seema Alavi** is Professor of History at Delhi University, India. She specializes in early modern and modern South Asia, with an interest in the transformation of the region's legacy from Indo-Persian to one heavily affected by British colonial rule. She has written books on the military, medical and religious histories of India from the early modern to modern times. Her most recent book is the Albert Hourani Award (Honorable Mention) winner, *Muslim Cosmopolitanism in the age of Empire* from Harvard University Press, USA. She is working on her new book titled, *Travelling Sultans: Slaves, Wahabis and Europeans in the Western Indian Ocean*.

**Warwick Anderson** is the Janet Dora Hine Professor of Politics, Governance and Ethics in the Department of History and the Charles Perkins Centre, University of Sydney, where he was previously an Australian Research Council Laureate Fellow (2012-17). He has taught at Harvard, Melbourne, UCSF and Berkeley, and the University of Wisconsin-Madison. His books include *The Cultivation of Whiteness: Science, Health and Racial Destiny in Australia* (Melbourne 2002; Duke 2006); *Colonial Pathologies: American Tropical Medicine, Race, and Hygiene in the Philippines* (Duke 2006; Ateneo de Manila, 2007); *The Collectors of Lost Souls: Turning Kuru Scientists into Whitemen* (Johns Hopkins, 2008), which was awarded the William H. Welch Medal of the American Association of the History of Medicine (2010), and the Ludwik Fleck Award of the Society for Social Studies of Science (2010); and (with Ian R. Mackay) *Intolerant Bodies: A Short History of Autoimmunity* (Johns Hopkins, 2014). With Deborah Jenson and Richard Keller, eds. *Unconscious Dominions*: (Duke, 2011); with Miranda Johnson and Barbara Brookes, *Pacific Futures: Past and Present* (Hawaii, 2018); and with Ricardo Roque and Ricardo Ventura Santos, *Lusotropicalism and its Discontents* (Berghahn, 2019). He recently has edited (with Gabriela Soto Laveaga) a forum in *History and Theory* (2020) on decolonizing histories of science; and (with Susan Lindee) a special issue of *Historical Studies in the Natural Sciences* (2020) on genetic studies of Indigenous peoples in the Pacific and Australasia. He was president of the Pacific Circle 2017-20.

**Noelani M. Arista** is a Kanaka Maoli (Native Hawaiian) born in Honolulu. She is an Associate Professor in the Department of History and Classical Studies at McGill University and is the director of the Indigenous Studies Program at McGill University. Her research interests include Hawaiian governance and law, Hawaiian intellectual history and knowledge production, colonialism, and missionization, Native language archives and indigenous knowledge organization. Arista seeks to utilize AI and machine learning to organize and make available Hawaiian language textual sources. Arista is the author of the award-winning book *The Kingdom and the Republic: Sovereign Hawai'i and the Early United States* (2018), which details Native Hawaiians' experience of encounter and colonialism in the nineteenth century through previously unused Hawaiian language documents. Address native political formation, the creation of indigenous law, and encounters with missionaries and traders, *The Kingdom and the Republic* reconfigures familiar colonial histories of trade, proselytization, and negotiations over law and governance in Hawai'i. Arista seeks to create pathways into digital territory,

considering questions about how to secure traditional Hawaiian systems of knowledge—and further mo’o ‘ōlelo (history oral and textual, story, chant,) through various digital mediums, including game play. She is the creator of the Facebook group *365 days of aloha* which supplies followers with a Hawaiian word, translations of songs or chants, and images to facilitate encounters with deeper Hawaiian currents of knowledge, which was reinvigorated recently in 2020.

**David Armitage** is the Lloyd C. Blankfein Professor of History at Harvard University and an Affiliated Faculty Member at Harvard Law School. He is also an Honorary Professor of History at the University of Sydney and at Queen's University Belfast and an Honorary Fellow of St Catharine's College, Cambridge. Among his eighteen books as author or editor are *The Ideological Origins of the British Empire* (2000), *The Declaration of Independence: A Global History* (2007), *The British Atlantic World* (co-ed., 2nd edition, 2009), *Foundations of Modern International Thought* (2013), *The History Manifesto* (co-auth., 2014), *Pacific Histories: Ocean, Land, People* (co-ed., 2014), *Civil Wars: A History in Ideas* (2017) and *Oceanic Histories* (co-ed., 2018).

**Chen Hao** is Associate Professor of medical history at Peking University. His most recent books are *Medicine as Ongoing Meaning: Historical Epistemology and the Narratives of Medical Identities in 6-8th Century China* (Shanghai Ancient Books Press, 2019) and *When Diseases Become Trauma: Historical Ontology and the Illness Narratives in Chinese History* (Shanghai Ancient Books Press, 2020). Currently, he is working on the formation of “modern” historiography on ancient/ “traditional” medicine and other knowledge in Republican China (1912-1949), from a trans-national or global perspective.

**Roy Macleod** is an Emeritus Professor of History, a member of the School of History and Philosophy of Science, and of the Centre for International Security Studies at the University of Sydney. Educated at Harvard and Cambridge, he was founder of History and Social Studies of Science at Sussex University, a co-founder of *Social Studies of Science* (1971-1997), and editor of *Minerva*, 2000-2009. Moving to Sydney in 1983, he was a co-founder (with Fritz Rehbock, in 1985) of the Pacific Circle, and its *Newsletter* (now *Bulletin*), and has since written extensively in the social history of science, technology and exploration in Australasia and the Pacific. His work includes (with P.F. Rehbock, eds.), *'Nature in its Greatest Extent': Western Science in the Pacific* (University of Hawaii Press, 1988); and *Darwin's Laboratory: Evolutionary Theory and Natural History in the Pacific* (University of Hawaii Press, 1994); *The Commonwealth of Science: ANZAAS and the Scientific Enterprise in Australasia, 1888-1988*, (Melbourne: Oxford University Press, 1988); *Disease, Medicine and Empire: Perspectives on Western Medicine and the Experience of European Expansion*, edited with Milton Lewis (London: Routledge, 1988; reissued, 2021); and *Health and Healing in Tropical Australia and Papua New Guinea*, edited with Donald Denoon (James Cook University Press, 1991),

**Buhm Soon Park**, Professor, Graduate School of Science and Technology Policy at KAIST (Korea Advanced Institute of Science and Technology), teaches history of science, science policy, and the Anthropocene with comparative perspectives. His research has focused on the knowledge production at the intersection of scientific disciplines institutions, laws and policies, and international treaties and trades. His publications include *Bridging the Technology Gap: Historical Perspectives on Modern Asia* (co-edited, Seoul National University Press, 2013); *Basic Science in Society: Institute for Basic Science and the New Ecology of Knowledge* (co-authored, Hanwool, 2016, in Korean). He has served on the Editorial Board of *Historical Studies in the Natural Sciences* since 2019. He is currently President of the Association for East Asian Environmental History (2021-23).

**Evelleen Richards** is Honorary Professor in the School of History and Philosophy of Science at the University of Sydney. Her major research interests lie in the social history of evolutionary biology, with particular reference to issues of gender and race, and in the sociology of medical knowledge. Her recent publications include *Darwin and the Making of Sexual Selection* (Chicago University Press, 2017) and *Ideology and Evolution in Nineteenth Century Britain: Embryos, Monsters, and Racial and Gendered Others in the Making of Evolutionary Theory and Culture* (Routledge, 2021). She is currently co-editing a collection of papers, "Down Under Darwin: Australasian Perspectives on Darwin Studies", for a special issue of *Studies in History and Philosophy of Science*.

**Ricardo Roque** is a Research Fellow at the Institute of Social Sciences, University of Lisbon and an Honorary Associate in the Department of History, University of Sydney. Dr Roque's research focuses on the history and ethnography of human sciences, colonialism, race, and cross-cultural contact in the Portuguese-speaking world, from 1800 to the twentieth century. Among his publications are *Headhunting and Colonialism: Anthropology and the Circulation of Human Skulls in the Portuguese Empire* (Palgrave, 2010) and the edited volumes *Crossing Histories and Ethnographies: Following Colonial Historicities in Timor-Leste* (with E. G. Traube, Berghahn 2019) and *Luso-tropicalism and Its Discontents: The Making and Unmaking of Racial Exceptionalism* (with W. Anderson and R. Ventura Santos, Berghahn, 2019).

**Frances Steel** is Senior Lecturer in the History Programme, University of Otago. Her research interests concern cultures of mobility, technology and labour in the colonial Pacific, transpacific shipping and aviation networks, and commodity trades, particularly as they relate to perishable foods. Her publications include *Oceania Under Steam: Sea Transport and the Cultures of Colonialism* (Manchester University Press, 2011) and the edited collection *New Zealand and the Sea: Historical Perspectives* (Bridget Williams Books, 2019). She is currently co-editor of the *Journal of Pacific History*.

### **Congratulations to...**

**Dr. Bronwen Douglas** for the publication of: "Darwin and The French: The Species Question and 'Man' in Oceania," *Studies in History and Philosophy of Science* 91 (2022), 168-186, which will also be included in a future special issue on Darwin.

## ***CONFERENCES, WORKSHOPS, and LECTURES***

**XLI Scientific Instrument Symposium, 19 – 23 September 2022**

**National Hellenic Research Foundation, Athens**

**The Past, Present, and Future of Scientific Instrument Studies**

CALL FOR PAPERS at

<http://sic2022.hpdst.gr/>

We will take the 40th anniversary of the Scientific Instrument Symposia as an occasion to discuss how the study of scientific instruments has changed in the last four decades and where we stand today. Are we now studying different kinds of instruments? Has the very definition of what is a scientific instrument changed? Are we studying the same instruments in a different way and within different contexts? How have the questions we seek to answer and our methodologies changed? What about our disciplinary and regional boundaries?

While it comes natural for a historian to historicise their own past, we should think in the same way about the future of scientific instrument studies. What are our new objects and objectives? While we are comfortable as a community of scientific instrument enthusiasts, we want to remain open to new scholars, new methods, and new approaches to instruments, and aim to extend our geographical reach.

The theme “The Past, Present, and Future of Scientific Instrument Studies” was chosen for the 41st Scientific Instrument Symposium long before the recent and sudden demise of Paolo Brenni, former President of the Scientific Instrument Commission, but we believe that this theme is a fitting tribute to honour Paolo’s achievements. His dedication, enthusiasm and generosity with his knowledge embodied the heart and soul of scientific instrument studies like nobody else!

For the upcoming 41st SIC Symposium in Athens, we invite you to reflect on these and other issues related to the past, present and future of scientific instrument studies. As always, we welcome all proposals for sessions, papers or posters on any topic dealing with the history of scientific instruments.

### **Format**

The symposium will take place as an in-person event by default if permitted and healthwise safe; the conference language is English.

### **Important dates**

Deadline for the [submission of abstracts](#): **28 February 2022**

Presenters and session organisers will be informed by **31 March 2022** whether their proposal has been accepted.

[Early registration](#): May 31, late registration: July 31.

### **How to submit your abstract or session proposal**

The abstract form is available at <http://sic2022.hpdst.gr/abstract>

Please submit abstract proposals (max 250 words), with a short biographical note highlighting main research interests (max. 50 words).

The session form is available at <http://sic2022.hpdst.gr/session>

Please submit session proposals (max 250 words) with organizer names and contact name.

### **Registration**

In order to register, you must fill-in the [registration form](#).

### **Conference information**

[Accommodation details](#) and a [preliminary program](#) will be provided by the end of January.

### **Travel grants**

We have a limited number of fixed amount travel grants available for postgraduate students and early career scholars (within 5 years of completion of studies). Please indicate within your [registration submission](#) if you would like to be considered for a grant.

### **Any questions?**

In case of questions about the conference, please email to [sicathens2022@gmail.com](mailto:sicathens2022@gmail.com) or [use the contact form](#).

We look forward to [receiving your abstracts](#) in due course.

***Online Workshop: “Transnational 19<sup>th</sup>-Century Japanese and British Science,”***

***July 22-23, 2022, Centre for Nineteenth Century Studies International***

***at Durham University***

We seek proposals for scholarly presentations in the form of ten-minute ‘lightning talks,’ that explore the complex cultural connections between Japanese and British science in the nineteenth century. This was a period when intellectuals around the globe began to interact more intensively due to increased opportunities to travel and due to the growth in translations of important scientific works into many languages. Japanese intellectuals were searching for ways to modernize their culture, while in Britain there was a renewed interest in Japanese culture as traditional forms of thought were being interrogated.

Proposals should include a 200-word abstract and a one-paragraph biography. We will select up to ten papers on this topic for the workshop. All presentations will be recorded and shared at the workshop. The due date for proposals is **15 March 2022**.

Please send your proposals as PDF attachments to Dr. Sera-Shriar at: [efram.sera-shriar@durham.ac.uk](mailto:efram.sera-shriar@durham.ac.uk).

Full project details can be found at the following website: <https://www.durham.ac.uk/research/institutes-and-centres/nineteenth-century-studies/about/events/-transnational-studies-of-19th-century-japanese-and-british-science/>

***Swatantrata Ka Amrut Mahotsav***  
**International Conference on**  
**Role of Indian Science in Freedom Movement**  
**(RISFrem2022)**

To commemorate *Swatantrata Ka Amrut Mahotsav*, JNU is organizing an international conference on “**Role of Indian Science in Freedom Movement**” in collaboration with Vijnanabharati, NIScPR and Vigyan Prasar on **28<sup>th</sup> Feb and 1<sup>st</sup> March 2022**. **Please see detail at: <https://jnu.ac.in/conference/RISFreM-2022>**

This conference is aimed to create awareness and generate scholarly evidences for the role of Indians in cultivation of modern science, development of scientific societies, institutions, industries and fighting against the British colonial rule in India. Papers are invited in **Hindi or English** on the following themes:

1. Science and Freedom Movement
2. Establishing Colonial Hegemony through Science
3. Role of Indian Scientists and Resurgence of Indian ethos and culture
4. Intellectual colonialism and Freedom movement
5. Swadeshi industries in colonial time
6. Achievements of Indian Scientists and its Implication for Political Freedom
7. Emergence of scientific racism in India and Indian response
8. Impact of colonialism on Environment/ Sustainable consumption
9. Public engagement for development of Scientific Institutions and Societies
10. Science Diplomacy and Freedom Movement

**Abstract Submission**

The abstract should be written in 250 words containing title, brief introduction, objectives, relevance, methodology and major findings of the paper. Please use Times New Roman 12 pt fonts for English and for Hindi use Kurti Dev 10 pt fonts. Please submit the abstract at: <https://easychair.org/conferences/?conf=risfrem2022> **by 5<sup>th</sup> January 2022**

### **Poster/Short Articles**

Poster/Short Article (800-1000 Words) are also invited from students who wish to participate in the conference on any areas related to the themes of the conference. Please submit your entry at: <https://easychair.org/conferences/?conf=risfrem2022> by **5<sup>th</sup> January 2022**

### **Workshop for authors**

An online workshop on 'Research Paper Writing' will be organized **15<sup>th</sup> January 2022** for the authors whose abstracts are accepted. Full paper submission by **10<sup>th</sup> February 2022**.

**Registration for the conference** will start from **10<sup>th</sup> January 2022**. **Fee for Registration** is INR 500 for students and INR 1000 for teachers, scientists and academicians. Please visit for registration: <https://jnu.ac.in/index.php/node/159894351>

**Contact:** All questions related to conference and submissions of abstract/paper should be emailed to: [risfrem2022@gmail.com](mailto:risfrem2022@gmail.com)

### **Pacific History Association Conference, Deakin University—Geelong Campus, Victoria, Australia, November 1-4, 2023**

For information, please visit [www.pacifichistoryassociation.com](http://www.pacifichistoryassociation.com)

### **Annual Conference of the New Zealand Studies Association (NZSA), Marseilles, France, July 5-8, 2022**

Please send proposals for 20-minute papers by February 15, 2022, to Ian Conrich at [ian@ianconrich.co.uk](mailto:ian@ianconrich.co.uk) or Marc Tabani at [marc.tabani@pacific-credo.fr](mailto:marc.tabani@pacific-credo.fr). Abstracts should be between 200 and 250 words with a bio added of 100-150 words. Proposals will be accepted within three main strands: Oceania, New Zealand, and Oceania/NZ in relation to any aspect of the Pacific Rim.

### **Annual Meeting of the North American Conference on British Studies, Chicago, Illinois, November 10-13, 2022**

The NACBS and the Midwest Conference on British Studies (MWCBS) seek participation by scholars in all areas of British Studies for the 2022 meeting. We meet in Chicago, Illinois, from November 10-13, 2022. We solicit proposals for presentations on Britain, the British Empire-Commonwealth, and the British world, including Ireland, the Americas, Asia, Africa, and the Pacific (etc.). Our interests range from the medieval to the modern. We welcome participation by scholars from across the humanities and social sciences, from all parts of the globe, and from all career stages and backgrounds. We reaffirm our commitment to British Studies broadly conceived and welcome proposals reflecting the diversity of scholars & scholarship in the field.

We invite panel proposals that address selected themes, methodology, and pedagogy, as well as roundtable discussions and lightening rounds (8-10 presenters with one chair, a few minutes to each presenter) of topical and thematic interest, including conversations among authors of recent books, reflections on landmark scholarship, and discussions about professional practice. We are particularly interested in submissions that have a broad chronological range and/or interdisciplinary breadth, and that are tightly connected by a theme.

Standard panels typically include three presenters speaking for 20 minutes each, a commentator, and a chair, while roundtables typically include four presenters speaking for 15 minutes each and a chair. We are open to other formats, though; please feel free to consult with the program committee chair.

To secure as broad a range of participation, we will also consider individual paper proposals. Panels that include a diverse mix of presenters across fields and career stages are particularly welcome. To foster intellectual interchange, we ask applicants to compose panels that feature participation from multiple institutions. In an effort to allow a broader range of participants, no participant will be permitted to take part in more than one session in a substantial role. (That is, someone presenting or commenting on one panel cannot also present or comment on another, though individuals presenting or commenting on one panel may serve as chairs for other panels, if need be.) Submissions are welcome from participants in last year's conference, though if the number of strong submissions exceeds the number of available spaces, selection decisions may take into account recent participation.

As complete panels are more likely to be accepted, we recommend that interested participants issue calls on H-Albion or social media (e.g., @TheNACBS on Twitter or on the NACBS Facebook page) to arrange a panel. If a full panel cannot be arranged by the deadline, however, please do submit the individual proposal and the program committee will try to build submissions into full panels as appropriate.

In addition to the panels, we will be sponsoring a **poster session**. The posters will be exhibited throughout the conference, and there will be a scheduled time when presenters will be with their posters to allow for further discussion.

**The submission website at <http://www.nacbs.org/conference> will open in late January; submissions will close as of 15 March 2022.**

All submissions are electronic, and need to be completed in one sitting. Before you start your submission, you should have the following information:

1. Names, affiliations, and email addresses for all panel participants. PLEASE NOTE: We create the program from the submission, so be sure that names, institutional titles, and paper titles are provided as they should appear on the program.

2. A note whether data projection is necessary, desired, or unnecessary. Please only request if AV is central to convey your presentation. (Because AV is now enormously expensive, it will be provided in only some of the meeting rooms.)
3. A brief summary CV for each participant, indicating education, current affiliations, and major publications. (two-page maximum per CV.)
4. Title and Abstract for each paper or presentation. Roundtables do not need titles for each presentation, but if you have them, that is fine. If there is no title, there should still be an abstract – i.e. “X will speak about this subject through the lens of this period/approach/region etc.”
5. **POSTERS:** Those proposing posters should enter organizer information and first presenter information only.

**All communication will be through the panel organizer**, who will be responsible for ensuring that members of the panel receive the information they need.

**All program presenters must be current members of the NACBS** by November 10, one month before the conference, or risk being removed from the program.

Some **financial assistance** will become available for graduate students (up to \$500) and for a limited number of under/unemployed members within ten years of their terminal degree (\$300). Details of these travel grants and how to apply will be posted to [www.nacbs.org](http://www.nacbs.org) and emailed to members after the program for the 2022 meeting is prepared.

## **Britain & the World Conference, University of Plymouth, U.K., 15-17 June 2002**

This conference is concerned with interactions between Britain and the wider world from the sixteenth century to the present and will highlight the importance of transnational perspectives. As a conference and society concerned with British Studies, we welcome papers on all topics and periods. Given that 2020 marked the 400<sup>th</sup> anniversary of the Mayflower voyage, and much commemoration continues, we're especially keen to see papers that engage with transatlantic relations; the movement of peoples, ideas, and goods; maritime history; port cities, and urban spaces.

We accept individual twenty-minute talks as well as complete panel submissions and roundtables. Abstracts should be 250-300 words. Panels are expected to consist of three or four papers and should be submitted by one person who's willing to serve as the point of contact. Complete panels should also include a chair. In addition to abstracts for each individual paper, panel and roundtable submissions should also include a 100–150-word introduction describing the main theme. The conference does not discriminate between panels and individual paper submissions, nor between graduate students and established academics.

All submissions for inclusion in the conference should be received by Friday, 7 January 2022 with decisions announced by Friday, 4 February 2022. Submissions should be made via our online portal: <https://forms.gle/qCgtLbhiho2jhAfp6>.

On Twitter our @britishscholar hashtag is #BATW2022. Registration for the Conference will open in early 2022.

If you have any questions about the conference, please feel free to email [contact@britainandtheworld.org](mailto:contact@britainandtheworld.org).

## **Undergraduate Conference on Science, Technology, Medicine, and Society**

To be held online by the University of Toronto on March 24-25, 2022

Conference Theme: The Interaction of Science, Technology, & Medicine and Politics

The Sixth International Undergraduate Research Conference on Science, Technology, Medicine, and Society at the University of Toronto invites student submissions that examine the interaction between politics and science, including science policy, science funding, politicization of science and scientization of politics, political influences on science, as well as other topics regarding the mutual influence between science and politics. We also invite submissions on other issues related to STM in historical and present societies throughout the world. As an interdisciplinary gathering, we encourage students to submit papers from across the arts, humanities, social sciences, and natural sciences—check out our Facebook page for past presentations.

We are specifically interested in current issues surrounding: COVID pandemic, climate change, data privacy, AI and warfare, vaccine hesitancy.

Keynote Speaker: Maya J. Goldenberg, Associate Professor, Philosophy, College of Arts, University of Guelph. Author of *Vaccine Hesitancy: Public Trust, Expertise, and the War on Science* (University of Pittsburgh Press, 2021)

Interested students should submit an abstract (250 words) and a brief bio (50 words) by January 10, 2022 using the following link: [https://easychair.org/conferences/submission\\_new?a=27678424#{fr:YswyLK6UDfv3}](https://easychair.org/conferences/submission_new?a=27678424#{fr:YswyLK6UDfv3}). (Note that students will need to create an easychair account to submit an abstract, but registration is simple)

If you have any questions, please contact: Hannah Rajput at [hannah.rajput@mail.utoronto.ca](mailto:hannah.rajput@mail.utoronto.ca)

All applicants will be notified by February 7, 2022.

## **Laureate Seminar: Population Modern History, University of New South Wales**

Hosted by the Laureate Centre for History and Population at the University of New South Wales, Sydney, this seminar covers new and forthcoming research on the history and legacies of global population policy.

A full copy of the schedule is available at:

<https://historyandpopulation.com/seminar/>

Registration for a Zoom link is available at:

<https://forms.gle/m62AxbztZHSQuS2L6>

## **ESfO Conference, June 2-5, 2022, Ajaccio, Corsica**

The conference website is now online at the following address:

<https://www.pacific-studies.net/conferences/esfo2022>

### **Instructions for submitting a paper:**

- 1) To submit a paper, you need to have an account on <https://www.pacific-studies.net/> and be logged in before you progress to the conference webpage. You can log in in the Members Corner (top right). If you don't remember your password, please click on "I forgot my password." If your email is recognized, you will receive an automatic email from [webmaster@pacific-studies.net](mailto:webmaster@pacific-studies.net). Please also check your spam folder.
- 2) Please allow [webmaster@pacific-studies.net](mailto:webmaster@pacific-studies.net) to send you messages. Indeed, this automatic email address will also send you updates relevant for your paper, the panel, and the conference in general. If you have any trouble or don't remember which email address you used to create your account, please get in touch with me.
- 3) Once logged in, please do update your profile, since this is what will be printed on the website and in the conference booklet when your paper is accepted.
- 4) If you are absolutely certain that you have not created an account yet, please create one in the "Member's Corner." And please provide at least your institutional affiliation in your profile.
- 5) Once logged in, please go to the conference webpage: <https://www.pacific-studies.net/conferences/esfo2022>, select your panel/session and submit your paper.
- 6) Please note that your summary should not exceed 1500 characters, spaces included.

- 7) Note that each person can submit one paper to one session.
- 8) The paper submissions will be automatically redirected to the session/panel convenors. It is their responsibility and freedom to accept or reject papers.
- 9) If you have any problem, please get in touch with [webmaster@pacific-studies.net](mailto:webmaster@pacific-studies.net) or directly with me.

- file (e.g. Smith\_CV).

## **U. H. Manoa School of Pacific and Asian Studies Graduate Student Conference**

The University of Hawai'i at Manoa will be hosting online its annual School of Pacific and Asian Studies Graduate Student conference from April 6-7, 2022.

This year's conference theme is: "Technologies and Adaptations: Celebrating Innovations in Human Knowledge Across Asia." Our theme welcomes submissions from any discipline that tackles innovation and adaptation to technologies new and old in Asia.

Submit an abstract of 250-300 words by February 5, 2022, to [gradconf@hawaii.edu](mailto:gradconf@hawaii.edu)

Keynote Address: Dr. Jennifer Robertson, Prof. Emerita, University of Michigan

## **2022 International Committee for the History of Technology Symposium**

The 49th Symposium will take place virtually in 3 phases, each lasting two days. The 1st meeting will be in June (17, 18), the 2nd in September (24, 25), and the 3rd in October (15, 16). The Kranzberg Lecture will take place in June.

The general theme is "Technology-based and Technology-generated decisions." Whereas technology-based decisions have a long history, technology-generated decisions of so-called artificial intelligence, AI, are on the horizon since the turn to 21st century and might gain decisive influence within the next years. Which decisions we are willing to handle over to technology? How to define ethical guidelines for this development? The symposium aims to contribute to this discussion, based on a transnational perspective of history of technology.

The deadline for proposal is Sunday, 30 January 2022

### **Suggestions for more specific questions, derived from the main question:**

- What are the social/historical/cultural conditions of technology related decision-making?
- Decisions on science and technology: inclusion and citizen participation

- What are the ethical conditions of technology-generated decisions?
- Which transnational perspectives can be taken regarding technology-inherent decisions?
- How do these technology-inherent decisions affect the critique of technology (e.g., impact factor in science, “publish or perish”)?
- Technocracy is a well-researched topic. What is state of the art in this field? Any new approaches, theories, empirical findings?
- Data recording and processing is a core task now carried out with computers. Which technologies were used – and where and how – before the advent of computing?
- Modern challenges and technology based/generated decisions (e.g., climate change, COVID-19 pandemic, individual health, and public health); artistic strategies involving technology/generated decisions; body, dis/ability and technology based/generated decisions
- The role of images (maps, photographs, etc.) in decision making.

The symposium covers all periods and all areas of the globe. In keeping with a cherished tradition of the field, the meeting is open to scholars from all disciplines and backgrounds. Gender-related and worldwide topics are specifically welcome. Besides contributions to the main theme of the symposium, paper, and session proposals on different topics of the history of technology are welcome.

### **Proposal Guidelines:**

ICOHTEC welcomes proposals for individual papers and posters, but preference will be given to organized sessions of three or more papers. The Programme Committee will also consider submissions not directly related to the symposium theme providing that they relate to the history of technology broadly defined. All proposals must be in English and should be submitted electronically by 30 January 2022 via our website <http://www.icohtec.org/w-annual-meeting/> (will be available, soon). For suggestions about preparing your submission and the conference presentation, please consult the guidelines on [www.icohtec.org/proposal-guidelines.html](http://www.icohtec.org/proposal-guidelines.html) In addition to the scientific programme, the symposium will include plenary sessions, special sessions for the prize winning book and article, the general assembly of ICOHTEC. If you have any questions related to the scientific programme, paper, poster or session proposals, please, do not hesitate to contact Jacopo Pessina, the chair of the programme committee, at [j.pessina87@gmail.com](mailto:j.pessina87@gmail.com)

We encourage graduate students to submit proposals and to participate in the symposium.

Members of ICOHTEC and low-income people pay a reduced fee.

INDIVIDUAL PAPER proposals must include: (1) a 300-word (maximum) abstract; and (2) a one-page (maximum) CV. Abstracts should include the author’s name and email address, a short descriptive title, three to five key words, a concise statement of the thesis, a brief discussion of the sources, and a summary of the major conclusions. If you are submitting a paper proposal dealing with a particular subtheme in this CfP, please indicate this in your proposal. In preparing

your paper, remember that presentations are not full-length articles. You will have no more than 20 minutes to speak, which is roughly equivalent to 8 double-spaced typed pages. For more suggestions about preparing your conference presentation, please consult the guidelines at the conference website. Contributors are encouraged to submit full-length versions of their papers after the conference for consideration by ICOHTEC's peer-reviewed journal ICON.

PANEL proposals must include (1) an abstract of the panel (300 words maximum), listing the proposed papers and a session chairperson; (2) abstracts for each paper (300 words maximum); (3) a one-page CV (maximum) for each contributor and chairperson. Panels should consist of three or four speakers. Several panels may be organized on one topic.

We encourage the creation of panels which examine technology-based and technology-generated decisions in different parts of the world, enabling international comparisons, and contributing to an emerging transnational historiography. We welcome especially contributions from beyond Europe and the United States, which so far have been less fully covered by historians of technology.

The programme committee reserves the right to relocate papers to different themes and add papers to panels.

POSTER proposals include a 300-word (maximum) abstract and a one-page CV. Abstracts should include the author's name and email address, a short descriptive title, a concise statement of the thesis, a brief discussion of the sources, and a summary of the major conclusions.

### **31st Annual World History Association Conference, Bilbao, Spain, June 2022**

The World History Association (WHA) will hold its [31<sup>st</sup> Annual Conference](#) in Bilbao, Spain from June 23 – 25, 2022. This conference, co-sponsored by the University of the Basque Country, will be located at the Bizkaia Aretoa Building on the banks of the River Nervión. The conference theme will be "Distance, Mobility, and Migration," although submissions on other historical themes are also welcome.

The Call for Papers (CFPs) is open. The trilingual CFPs and proposal submission forms can be found on the [conference homepage](#). **Proposals are due by January 15, 2022 (see website to determine which deadline applies to your submission).**

Limited scholarships will be available for our 2022 conference; first priority goes to deferred awardees from our 2020 conference. Eligibility requires paper submission.

## ***EMPLOYMENT and DEGREE PROGRAMS***

**AHRC-funded PhD Studentship with the University of Exeter, Bath Spa University and PK Porthcurno Museum of Global Communication: Sustaining the Nervous System of the World: An Environmental History of Submarine Cable Telegraphy circa 1880-1940**

The project is a systematic study of the environmental strategies, broadly conceived, of the world's leading submarine telegraph cable manufacturers between 1880 and 1940, the period when the business peaked. Cable making was dominated by a handful of British-based private firms, notably the Telegraphic Construction and Maintenance Company, W. T. Henley's Telegraphic Works, and the India Rubber, Gutta Percha and Telegraphic Works Company, whose long-term success depended on tackling critical environmental issues affecting the supply of the materials used in cables.

Using the underexplored archives of cable makers at PK Porthcurno and elsewhere, the project will significantly enrich historical understanding of the way the telecommunications industry has coped with its environmental impacts and this will underpin new critical perspectives on modern problems of reducing cable waste in our oceans. This project represents an exciting alignment of the research objectives of the HEI supervisors (Prof Richard Noakes at Exeter, Dr Cassie Newland at Bath Spa) and PK Porthcurno. The project will help PK Porthcurno better understand and exhibit materials in its collections relating to cable making, including archival documents and objects from Telcon, Henley's and similar British firms. It will also help PK Porthcurno develop public understanding of the environmental impacts of telecommunications, past and present.

The project is part of the South, West and Wales Doctoral Training Partnership (SWW DTP2)

For further details and to apply please click on the following link:

<https://www.findaphd.com/phds/project/sustaining-the-nervous-system-of-the-world-an-environmental-history-of-submarine-cable-telegraphy-circa-1880-1940/?p139120>.

**The deadline for applications is 24 January 2022**

**PhD Positions in the History, Philosophy or Sociology of Science (Germany)**

## The Research Training Group (Graduiertenkolleg, GRK)

“Transformations of science and technology since 1800: topics, processes, institutions” at the University of Wuppertal, Germany, (funded by the German Research Foundation) is seeking doctoral candidates who will be starting their employment from April 1st, 2022, for a time of 3,5 years.

This graduate program is a joint project of the research groups of history (history of science and technology, history of mathematics), philosophy (philosophy of science, philosophy of physics) and sociology (sociology of science and organizations) in the **Interdisciplinary Centre for Science and Technology Studies (IZWT)** at the University of Wuppertal (Germany). It focuses on the analysis of topics, processes, and institutions of transformations in science and technology with particular attention to the historical contextualization and the complex interactions of those three dimensions. Each position consists of a postgraduate scholarship (six months) which is followed by three years as research assistant (f/m/d) at 65% of standard working hours (paygrade: E 13 TV-L).

You can find more information about the program, the participating professors, and the application process on the <https://www.izwt.uni-wuppertal.de/en/homepage/research-training-group-2696.html> website of the GRK.

The program equally addresses graduates of history, philosophy and sociology, in particular of history of science and technology, philosophy of science and sociology of science and organizations, natural sciences (e.g. geosciences or physics), mathematics, engineering, empirical education research, as well as other (interdisciplinary) graduates in the fields of the social sciences and arts faculties.

Please find more information about the requirements and tasks in the [https://www.izwt.uni-wuppertal.de/fileadmin/izwt/Graduiertenkolleg/Jobs/Job\\_description\\_Doctoral\\_candidates.pdf](https://www.izwt.uni-wuppertal.de/fileadmin/izwt/Graduiertenkolleg/Jobs/Job_description_Doctoral_candidates.pdf)

Application deadline: 15 Jan. 2022

## Call for Applications for Ph.D. program “Knowledge and Its Resources”

A new international PhD program in the field of the history of science that will start in September next year: The International Max Planck Research School “Knowledge and Its Resources: Historical Reciprocities” (IMPRS-KIR).

The IMPRS-KIR is a collaboration between the Max Planck Institute for the History of Science, Freie Universität Berlin, Humboldt-Universität zu Berlin and Technische Universität Berlin and will be hosted at the MPIWG in Berlin-Dahlem. We seek for proposals with focus on regions

around the globe and on any historical period. The deadline is January 31, 2022. The program will start September 1, 2022, in Berlin.

Please find the Call for Applications:

[https://www.mpiwg-berlin.mpg.de/sites/default/files/inline-files/Call%20for%20Applications\\_IMPRS-KIR\\_0.pdf](https://www.mpiwg-berlin.mpg.de/sites/default/files/inline-files/Call%20for%20Applications_IMPRS-KIR_0.pdf)

## **Assistant Professor in History and Philosophy of Health and Medicine**

The Department of Philosophy at Durham University seeks to appoint an outstanding philosopher to the role of Assistant Professor. We welcome applications from those with research and teaching interests in any area of the history and philosophy of health and medicine, broadly construed so as to include the history and philosophy of biomedical ethics, biomedical science, epidemiology, and public health, global health, and psychiatry.

Job title: Assistant Professor in History and Philosophy of Health and Medicine  
Vacancy reference: PHIL22-2  
Department: Philosophy  
Grade: Grade 7 – Grade 8  
Salary Range: £34,304 - £50,296 per annum  
Working arrangements: The role is full time but we will consider requests for flexible working arrangements including potential job shares  
Open date: 15 November 2021  
Closing date: 6 January 2022 at Midnight (UK)  
Preferred start date: Successful candidates will ideally be in post by 01 September 2022  
Information: [https://durham.taleo.net/careersection/du\\_ext/jobdetail.ftl?job=21001453&tz=GMT%2B00%3A00&tzname=Europe%2FLondon](https://durham.taleo.net/careersection/du_ext/jobdetail.ftl?job=21001453&tz=GMT%2B00%3A00&tzname=Europe%2FLondon)<[https://durham.taleo.net/careersection/du\\_ext/jobdetail.ftl?job=21001453&tz=GMT+00:00&tzname=Europe/London](https://durham.taleo.net/careersection/du_ext/jobdetail.ftl?job=21001453&tz=GMT+00:00&tzname=Europe/London)>

## ***FELLOWSHIPS, GRANTS, and PRIZES***

### **Postdoctoral Fellowship for Studying Indo-Persian Astronomical Texts**

The project *Changing Episteme in Early Modern Sanskrit Astronomy* (CEEMSA, funded by the [Gerda Henkel Stiftung](#), Grant Number: AZ 21/F/21, hosted by [ToRS](#), University of Copenhagen, Denmark) is offering a **one year postdoctoral fellowship** (to begin no later than 1 September 2022) **to study Indo-Persian astronomical texts from early modern Mughal India.**

The position is **remotely based**, i.e., the postdoctoral fellow need not relocate to Denmark and may continue to work from their country of residence; however, the **appointment requires a commitment from the fellow to be available to meet regularly (via zoom) for up to several**

**hours a week.** The details of the fellowship (including the project description, desired qualifications, fellowship amount, and application procedure) can be found at <https://ceemsa.hypotheses.org/postdoctoral-call>.

Please contact the Project PI, Dr Anuj Misra ([anuj.misra@hum.ku.dk](mailto:anuj.misra@hum.ku.dk)) for any further information about the project or the appointment process.

## **CAIRD RESEARCH FELLOWSHIPS 2022-23, ROYAL MUSEUMS GREENWICH**

Royal Museums Greenwich (National Maritime Museum) has a well-established fellowship programme supporting high-quality research that provides new perspectives on our collections and supports our public programmes, events, and displays. We welcome applications that engage with the guiding concepts flowing from the Museum's social purpose such as identity, diversity, community, creativity and human impacts on the planet and our natural world.

Please see <https://www.rmg.co.uk/collections/research/fellowships> for full details, including this year's research themes and how to apply.

Deadline for applications: 12.00 Midday on Monday 17 January 2022.

If you have any queries, please contact me on [sarcher@rmg.co.uk](mailto:sarcher@rmg.co.uk)<mailto:sarcher@rmg.co.uk> or [research@rmg.co.uk](mailto:research@rmg.co.uk)<mailto:research@rmg.co.uk>

## **Turriano ICOHTEC Prize 2022 - Call for Submissions**

The Turriano ICOHTEC Prize is an Early Career Prize for Books on the history of technology, sponsored by the Juanelo Turriano Foundation and consists of 2,500 Euro. The prize-winning book will be presented and discussed at a special session of the next ICOHTEC symposium, that will take place as part of the 27th International Congress for the History of Science and Technology.

ICOHTEC, the International Committee for the History of Technology, is interested in the history of technology, focusing on technological development as well as its relationship to science, society, economy, culture, and the environment. The history of technology covers all periods of human history and all populated areas. There is no limitation as to theoretical or methodological approaches.

Eligible for the prize are original book-length works in any of the official ICOHTEC languages (English, French, German, Russian or Spanish) in the history of technology: published or unpublished Ph.D. dissertations or other monographs written by scholars in the early stages of their career. Articles and edited anthologies are not eligible.

If the work is a Ph.D. thesis, it should have been accepted by your university in 2020 or 2021; if it is a published work, the year of publication should be 2020 or 2021.

For the ICOHTEC Prize 2022, please send an electronic copy (PDF or Word) of the work you wish to be considered for the prize to each of the four Prize Committee members. (Note: Hard copies are only accepted for published works not available electronically.) Your submission must be emailed no later than 28 February 2022. Please also include an abstract of no more than a half-page in length. If your book is in Spanish or Russian, please also supply a summary in English, French or German of about 4,500 words. In that case, the prize committee will find additional members, who are familiar with the language in which your book is written.

The submission should be accompanied by a CV (indicating also the date of birth) and, if applicable, a list of publications. Applicants are free to add references or reviews of the work submitted. Any materials sent to the prize committee will not be returned. Send a complete application by email to each of the following Prize Committee members:

Dr. Darina Martykánová (Chairperson)  
Universidad Autónoma de Madrid  
Departamento de Historia Contemporánea  
Facultad de Filosofía y Letras  
Campus de Cantoblanco  
28049 – Madrid  
Spain  
[darina.martykanova@uam.es](mailto:darina.martykanova@uam.es)

Dr. Irina Gouzevitch  
Centre Maurice Halbwachs  
École Normale Supérieure  
48, boulevard Jourdan  
75014 Paris  
France  
[irina.gouzevitch@ens.fr](mailto:irina.gouzevitch@ens.fr)

Dr. Klaus Staubermann  
ICOM Germany  
In der Halde 1  
14159 Berlin  
Germany  
[k.b.staubermann@gmail.com](mailto:k.b.staubermann@gmail.com)

Dr. Tiina Männistö-Funk  
School of History, Culture and Arts Studies  
University of Turku  
Turku  
Finland  
[tiiman@utu.fi](mailto:tiiman@utu.fi)

Dr. Jacopo Pessina  
Department of Civilisations and Forms of Knowledge  
Via Pasquale Paoli, 15  
56126 Pisa  
Italy  
[japessina@tiscali.it](mailto:japessina@tiscali.it)

Employees must be eligible to live & work in the UK.

## **2022-23 Fellowships at the Beckman Center, Science History Institute**

Applications are open for 2022-23 Fellowships at the Beckman Center, Science History Institute for new Curatorial Fellowships, two-year full-time staff positions in the Othmer Library and the Museum for historians and other academic researchers in the history of science seeking professional opportunities outside of academia.

The Beckman Center is located within an institution with professional staff in each of these fields, allowing for full support to researchers seeking careers in libraries and museums in addition to those conducting scholarly research.

These new fellowships complement the full slate of research fellowships for 2022-23, which includes 12-month Research Postdoctoral Fellowships for recent PhDs, 9-month Dissertation Fellowships for graduate students, 4-month Distinguished Fellowships for senior scholars, and 1-4 month Short-Term Fellowships for researchers of any professional background, as well as the 1-2 week Library Travel Grants.

Information about all of fellowships and the application portal can be found at <https://www.sciencehistory.org/fellowships>.

This cycle's application deadline is January 15, 2022.

Any questions should be addressed at [fellowships@sciencehistory.org](mailto:fellowships@sciencehistory.org)

**School of Philosophy, Religion and History of Science at the University of Leeds**

## Applications for Research Postgraduate Study Commencing 2022/23

Research is focused within and between six highly active research centers:

- \* Aesthetic, Moral, and Political Philosophy
- \* History and Philosophy of Science
- \* Inter-Disciplinary Ethics Applied
- \* Metaphysics and Mind
- \* Philosophy of Religion
- \* Religion and Public Life

For more information about the school and its research centers: <https://ahc.leeds.ac.uk/philosophy>

### Application

Information about research postgraduate study in the school and the application procedure is provided at <https://ahc.leeds.ac.uk/philosophy-research-degrees>. In addition, questions regarding the application procedure may be directed to [ahcgradmissions@leeds.ac.uk](mailto:ahcgradmissions@leeds.ac.uk).

Those interested in applying are advised to contact potential supervisors at an early stage. You should contact them by email, either directly or through the subject lead for postgraduate research relevant to your subject area:

- \* Dr Darren Bradley for Philosophy ([D.J.Bradley@leeds.ac.uk](mailto:D.J.Bradley@leeds.ac.uk))
- \* Dr Rob Lawlor for Applied Ethics ([r.s.lawlor@leeds.ac.uk](mailto:r.s.lawlor@leeds.ac.uk))
- \* Prof. Emma Tomalin for Theology and Religious Studies ([e.tomalin@leeds.ac.uk](mailto:e.tomalin@leeds.ac.uk))
- \* Prof. Greg Radick for History and Philosophy of Science ([G.M.Radick@leeds.ac.uk](mailto:G.M.Radick@leeds.ac.uk))

### Funding

Full, regularly updated information on upcoming funding awards and deadlines, including application procedures, is provided via the University of Leeds Postgraduate Scholarships site <http://phd.leeds.ac.uk/>. Check back for the latest information.

Please note that several of the funding application deadlines fall in January.

The White Rose College of the Arts & Humanities will be offering approximately 45 AHRC Open Competition PhD studentships across the Universities of Leeds, Sheffield, and York for 2022 entry and has a closing deadline for the open competition of 17:00 on Wednesday 26 January 2022. <https://wrocah.ac.uk/funding/prospective-students/>.

In addition, watch out for deadlines for China Scholarship Council-UoL Scholarships in January, Leeds Doctoral Scholarships in March, **Arts, Humanities, and Cultures Scholarships** in March, and **School of PRHS Scholarships** in March.

## **History of the Human Sciences Early Career Prize 2021-22**

*History of the Human Sciences* – the international journal of peer-reviewed research, which provides the leading forum for work in the social sciences, humanities, human psychology, and biology that reflexively examines its own historical origins and interdisciplinary influences – is delighted to announce details of its prize for early career scholars. The intention of the annual award is to recognize a researcher whose work best represents the [journal's aim](#) to critically examine traditional assumptions and preoccupations about human beings, their societies and their histories in light of developments that cut across disciplinary boundaries. In the pursuit of these goals, *History of the Human Sciences* publishes traditional humanistic studies as well work in the social sciences, including the fields of sociology, psychology, political science, the history and philosophy of science, anthropology, classical studies, and literary theory. Scholars working in any of these fields are encouraged to apply.

### **Guidelines for the Award**

Scholars who wish to be considered for the award are asked to submit an up-to-date two-page CV (including a statement that confirms eligibility for the award) and an essay that is a maximum of 12,000 words long (including notes and references). The essay should be unpublished and not under consideration elsewhere, based on original research, written in English, and follow *History of the Human Science's* [style guide](#). Scholars are advised to read the journal's description of its [aims and scope](#), as well as its [submission guidelines](#). Entries will be judged by a panel drawn from the journal's editorial team and board. They will identify the essay that best fits the journal's aims and scope.

### **Eligibility**

Scholars of any nationality who have either not yet been awarded a PhD or are no more than five years from its award are welcome to apply. The judging panel will use the definition of "active years," with time away from academia for parental leave, health problems, or other relevant reasons being disregarded in the calculation.

### **Prize**

The winning scholar will be awarded £250 and have their essay published in *History of the Human Sciences* (subject to the essay passing through the journal's peer review process). The intention is to award the prize to a single entrant but the judging panel may choose to recognize more than one essay in the event of a particularly strong field.

## Deadlines

Entries should be made by Friday 31<sup>st</sup> January 2022. The panel aims to make a decision by Friday 29<sup>th</sup> April 2022. The winning entry will be submitted for peer review automatically. The article, clearly identified as the winner of the *History of the Human Sciences* Early Career Prize, will then be published in the journal as soon as the production schedule allows. The winning scholar and article will also be promoted by *History of the Human Sciences*, including on its [website](#), which hosts content separate to the journal.

## To Apply

Entrants should e-mail an anonymized copy of their essay, along with an up-to-date CV, to [hhs@histhum.com](mailto:hhs@histhum.com)

## Further Enquiries

Questions about the prize, or anything relating to the journal? Please email [hhs@histhum.com](mailto:hhs@histhum.com)

### “Sensitive Provenances:” Junior Scholars Short Time Fellowships

The Volkswagen Foundation-funded research project “[Sensitive Provenances](#)” investigates the provenance of human remains from (proto-)colonial contexts in two collections at the University of Göttingen. This project aims to investigate the origin of human remains, the circumstances of acquisition, their transfer to academic collections, their use for research and teaching as well as their contemporary socio-political meanings. Alongside research, the project is establishing contacts with representatives of regions from which these human remains originate, discussing their future handling and initiating restitution processes. The project focuses on human remains from Oceania and Africa. The Sensitive Provenances project is interdisciplinary and combines different methodological approaches from historical-critical provenance research, cultural anthropology and biological anthropology and welcomes inquires and applications from potential fellows in these and related fields.

The focus of the project is a) on the “Blumenbach Skull Collection,” which was initiated by the natural scientist Johann Friedrich Blumenbach (1752-1840) and today comprises about 800 skulls, of which about 200 are of non-European provenance; and b) on the “Anthropological Collection,” originally created in Hamburg's Museum für Völkerkunde. This collection contains about 1,200 human remains from Oceania and Africa.

Our preliminary research suggests that currently the University of Göttingen holds remains from regions that correspond to contemporary: **Australia, French Polynesia, Hawaii (USA), Indonesia, Kiribati, Malaysia, Marshall Islands (USA), Micronesia, Nauru, New Caledonia, New Zealand, Palau, Papua New Guinea, Samoa, Solomon Islands, and Vanuatu, in Oceania;** and from Cameroon, Congo, Guinea, Kenya, Namibia, South Africa, and Tanzania, in Africa.

We are seeking to award six short-term fellowships, each lasting from two to three months, for junior researchers from Africa and Oceania who would wish to engage with our project. We are open to all kinds of small projects that propose new perspectives, expand or challenge what we do. The topic, questions, research methods and interests of the fellows are deliberately kept open in order to facilitate broad perspectives on collections of human remains, their colonial histories and contemporary meanings and treatment.

Queries from the fields of History & Archives, Museum Studies, Social & Cultural Anthropology, Biological Anthropology, Indigenous Studies, and related areas are welcomed. We also invite proposals for artistic research and interventions that critically engage with the main themes of the project.

The scholarship holders will receive a monthly stipend of 2.100 €. Pending on individual circumstances, a replacement allowance and a family and childcare allowance can also be made available. The travel costs to and from Göttingen will be covered. During the research stay in Göttingen, the scholarship holders will receive support in different organizational and content-related matters.

Pending on the pandemic situation and travel restrictions, each visiting fellow will be invited for a three-months stay in Göttingen, in the second half of 2022 (specific dates are negotiable). The visiting fellow, depending on the needs and specificities of their proposed project, will be connected to researchers and experts in the following fields: history, cultural anthropology/ethnology, biological anthropology, provenance research, curatorial practice, museum practice and exhibition organization; or more specifically with the [Seminar for Medieval and Modern History](#), [Institute of Cultural Anthropology/European Ethnology](#), [Historical Anthropology and Human Ecology](#), [Centre of Anatomy](#), [Centre for Collections Development](#), or the newly established [Forum Wissen](#).

Applications will be considered on a rolling basis until March 2022. In order to apply, please send the following documents to Dr. Christian Vogel ([vogel@kustodie.uni-goettingen.de](mailto:vogel@kustodie.uni-goettingen.de)):

- Cover letter (specifying the motivations and interests of the candidate)
- A description of the proposed project/activities for the period of the scholarship (max 1000 words) - CV

For further queries please contact Dr. Christian Vogel ([vogel@kustodie.uni-goettingen.de](mailto:vogel@kustodie.uni-goettingen.de)).

## **Scientific Instruments Society Research Grants for 2022**

The Scientific Instrument Society (SIS) awards small grants, of up to £750 each, for research on the history of scientific instruments. Applications for the 2022 SIS Grants Scheme are now open; the deadline for applications is 1200 GMT on **Friday 7 January 2022**.

To learn more of the Society, or to join, visit <http://www.scientificinstrumentsociety.org/>

The short application form may be found at <http://www.scientificinstrumentsociety.org/grant-application-form>

Applicants do not need to have any institutional affiliation and applications that are for less than the maximum grant are just as welcome — a properly costed proposal with a clear relevance to the Society's interests in historic scientific instruments, a realistic timetable and a clear tangible result or question to be answered are the most important factors that the committee will be considering.

Successful grant holders will have 18 months from the date of award to complete their research and claim the funds.

Grants are open to applicants from any country, and both members and non-members of the Scientific Instrument Society may apply. Previous applicants are also welcome to apply, provided that an article based on their first research grant has already been submitted to the SIS Bulletin.

Please note that the grant awarded will be paid against actual receipted expenditure and funds cannot be paid in advance. The grant is intended to cover items such as travel, accommodation (excluding meals) and photocopying costs. We are unable to fund attendance at or travel to conferences or contribute to the cost of outreach projects such as events and exhibitions.

Further information on what the Society can support and the terms and conditions of the grants can be found at <http://www.scientificinstrumentsociety.org/grants/>

Examples of previously successful applicants may be found at <http://www.scientificinstrumentsociety.org/previously-supported-projects/>

*Questions?* For any questions regarding SIS grants, please e-mail [grants@sis.org.uk](mailto:grants@sis.org.uk)

## **Society for the History of Natural History (SHNH) President's Award 2022**

The SHNH President's Award recognizes an individual or team's contribution and impact in promoting and improving accessibility, inclusivity, and diversity to the study of the history of natural history.

Selection criteria include:

- An exhibition that has broken new ground of attracted new audiences. This includes digital exhibitions.
- Implementing initiatives to promote a more inclusive and diverse research and study community.
- Championing diversity through leadership and new policies and/or through research.
- Extent of engagement with the intended audience.
- Originality and innovation.
- Impact (may be relevant to any audiences, including different age groups, career stages and sectors).

SHNH members and non-members can be nominated for this prize, it is open to nominees based in the UK and internationally; individuals and teams can be nominated. There are no age restrictions associated with this prize. The Winner will receive the President's Medal, together with £100, to be presented at the Society's Annual General Meeting in June 2022.

Nominations are now open and must be sent to the Secretary ([secretary@shnh.org.uk](mailto:secretary@shnh.org.uk)) by Monday 31st January 2022.

Further details about the President's Award and information about the 2021 winners: <https://shnh.org.uk/awards-honours-medals/shnh-presidents-award/>

Information about SHNH Awards: <https://shnh.org.uk/awards-honours-medals/>

## ***Publications and Journal Information***

### **Articles and Essays**

"Fruits of Euphorbiaceae from the Late Cretaceous Deccan Intertrappean Beds of India," by **Rachel G. Rehback, Dashrath K. Kapgate, Ken Wurdack, and Steven R. Manchester**, *International Journal of Plant Sciences* (2022)

"Trans-Beringial Distribution of *Platimeliphyllum* (Platanaceae) in the Eocene of Eastern Asia and Western North America," by **Indah B. Huegele, Hai Zhu, Bailong Zhao, Yu-Fei Wang, and Steven R. Manchester**, *International Journal of Plant Sciences* (2022)

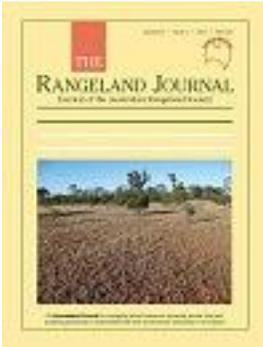
"High-Mg Dioritic Magmas Generated via Fractional Crystallization: Insights from Early Cretaceous Complex in the Handan-Xingtai District, North China, Craton," by **Yi Sun, Tao Wu, Long Xiao, Ming Bai, Jingxuan Zhang, Longhui Lv, and Jianggu Lu**, *The Journal of Geology* (2022)

---

"Weed-Eating Pigs: Cultural Keystone Species, Interiority and Traditional Village Protection in Central China," by **Xu Wu**, *The Asia Pacific Journal of Anthropology* (December 2021)

- <https://doi.org/10.1080/14442213.2021.1994636>

"Insect Radiations on Islands: Biogeographic Pattern and Evolutionary Process in Hawaiian Insects," by **David H. Hembry**, Gordon Bennett, Emilie Bess, Idelle Cooper, Steve Jordan, James Lieberr, Karl N. Magnacca, Diana M. Percy, Dan A. Polhemus, Daniel Rubinoff, **Kerry L. Shaw**, and Patrick M. O'Grady, *The Quarterly Review of Biology* 94:4 (2021)



Welcome to the latest contents alert for **The Rangeland Journal**.

This issue's Editor-choice paper by A. Drake *et al.* is entitled 'The use of Australian native grains as a food: a review of research in a global grains context' and is free to access.

The cover photograph is of eucalypt woodland in north-west NSW semi-arid rangelands (courtesy of Sarah McDonald).

To view articles that have been published **Online Early** before they have been collated into an issue, visit the [Journal's website](#). Alternatively, subscribe to its [RSS feed](#) to be alerted when new articles are published.

## Prospects for sustainable use of the pastoral areas of Australia

Ronald B. Hacker and Sarah E. McDonald

This paper provides an overview of the characteristics of Australia's southern rangelands, the impacts of pastoral land use on the 54% of the region used for extensive grazing, and proposes four principles and 19 guidelines to underpin sustainable pastoralism. Although it is recognised that pastoralism will necessarily contract in some areas because of limitations on production and profitability, outside of these areas, we argue, that pastoralism has good prospects for ecological, economic and social sustainability if conducted in accordance with the principles and guidelines proposed. Emerging alternative industries are

also described and have potential to contribute to sustainable land use across the region more generally.

[Abstract](#) | [Full Text](#) | [PDF \(555 KB\)](#) Open Access Article

### [Prolific or precarious: a review of the status of Australian sandalwood \(\*Santalum spicatum\* \[R.Br.\] A.DC., Santalaceae\)](#)

R. C. McLellan, K. Dixon and D. M. Watson

Is Australian sandalwood (*Santalum spicatum* (R.Br.) A.DC.) going extinct in the wild? Across its home range in Australia's western and southern rangelands, the species is in catastrophic decline, yet is still being harvested in Western Australia at rates far exceeding replacement. Given the declining status of sandalwood, the findings of this review will inform future conservation and restoration of the species *in situ*, along with decisions regarding resource management and commercial exploitation.

[Abstract](#) | [Full Text](#) | [PDF \(715 KB\)](#) Open Access Article

### [The use of Australian native grains as a food: a review of research in a global grains context](#)

Anna Drake, Claudia Keitel and Angela Pattison

Interest in the modern food uses of the ancient grassland grains used by Aboriginal people across Australia is rapidly growing. Disparate research exists in multiple disciplines, ranging from environmental science food science, agriculture science, social science, law and archaeology; however, until now this academic research has not been brought together. This review lays the foundation for how documentation of the ancient use of Indigenous grains combined with the perspectives of modern grassland food systems can inform future directions for research.

[Abstract](#) | [Full Text](#) | [PDF \(541 KB\)](#)

## [Herders' willingness-to-participate in the Grassland Ecological Compensation and Award Policy in China: a meta-analysis](#)

Shiqi Guan, Yubing Fan and Zeng Tang

We have provided a meta-analysis and aggregated the effects of factors affecting Chinese herders' WTP in the GECAP. The factors increasing herders' WTP include higher education level, higher farm income from raising livestock, larger grassland area, better grassland condition, and better policy understanding. Future policy modification and formulation should better incentivise active participation of herders and target specific pastoral regions and herder groups with certain income levels and livestock scales.

[Abstract](#) | [Full Text](#) | [PDF \(528 KB\)](#)

## [Corrigendum to: Impacts of fire on soil organic carbon stocks in a grazed semi-arid tropical Australian savanna: accounting for landscape variability](#)

D. E. Allen, P. M. Bloesch, R. A. Cowley, T. G. Orton, J. E. Payne and R. C. Dalal

[PDF \(148 KB\)](#)

**G. Gamoga, R. Turia, H. Abe, M. Haraguchi and O. Iuda** (2021). "The Forest Extent in 2015 and the Drivers of Forest Change Between 2000 and 2015 in Papua New Guinea: Deforestation and Forest Degradation in Papua New Guinea," *Case Studies in the Environment* **5**(1): 1442018. DOI: 10.1525/cse.2021.1442018.

**Abstract:** Obtaining high-quality information on forest and land use is essential to analysis of climate change, sustainable forest, and land use planning. Papua New Guinea's (PNG) forest and land cover/land use has been well documented using different methods, land classifications and forest definitions. These studies have delivered significant results indicating a general decline in the forest extent, with the drivers of land use changes attributed to demographic and economic development. This study is a component of the larger National Forest Inventory for PNG within which we sought to stratify and quantify forest and land use change by applying a systematic point-based sampling approach utilizing Open Foris—Collect Earth and freely available satellite images. A total of 25,279 sample points was assessed to determine the PNG's forest extent and the forest change drivers based on the national forest definition. Analysis revealed that in 2015, about 78% of the country was covered with 12 forest types, and more than 23% of the total forest area has been degraded through anthropogenic activities. Analysis also revealed that between 2000 and 2015, about 0.66% of the total forest area was deforested, and subsistence agriculture was the main driver (0.45%), followed by palm oil planting (0.23%). During the same period, about 6.6% of the total forest area was degraded, and commercial logging was the main cause (6.1%). Apart from Global Forest Watch, this study

established more forest than previously estimated in earlier studies. This is due to the fundamental differences in the purposes and methodologies used.

**Hill, G.** (2021). "From global to local: An assessment of food security policy implementation in Bougainville, Papua New Guinea," *Case Studies in the Environment* 5(1): 1434919.

**Abstract:** The Autonomous Region of Bougainville, Papua New Guinea, conducted an independence referendum in 2019, which resulted in the region seeking a pathway to complete independence. One of the requirements in establishing independence is ensuring "good governance," an important facet of which is establishing a stable and adequate food supply. This is framed globally as achieving Sustainable Development Goal Two (SDG #2) to end hunger and malnutrition. This article seeks to assess the measures that government and major donors have taken to implement SDG #2 in Bougainville using a pressure-state-response framework and desktop-based risk assessment to identify areas for further work. The investigation aims to identify effective policy focus areas in order to better implement SDG #2, namely, prioritising civil conflict avoidance, facilitating adaptation planning for climate regime shifts, and ensuring sustainable agricultural intensity and fisheries extraction. Based on these, recommendations for good governance include sustainable and equitable long-term interventions that reduce the risk of political disturbance and environmental degradation. As a result of engaging in this case, readers will be able to apply similar methodologies to inform development decisions in post-conflict contexts. Bougainville faces similar challenges to many Pacific islands, including the impacts from climate change, food insecurity, conflict, population growth, and changing land tenure. This case can be extrapolated to these greater contexts.

**Lamei, P., F. Attorre, R. Testolin, M. D. Sanctis, R. Turia and A. Hitofumi** (2021). "Disturbance Impacts of Logging on Ground Herbaceous Plant Species Richness, Diversity, and Composition of Lowland Rainforest of Papua New Guinea: Herbaceous Diversity in Tropical Papua New Guinea," *Case Studies in the Environment*. 5(1): 1517753

<https://doi.org/10.1525/cse.2021.1517753>.

**Abstract:** The impact of logging activities on species richness, diversity, and composition of the ground herbaceous layer of the lowland forest of Papua New Guinea was analyzed. Data from the first multipurpose National Forest Inventory were collected in 52 plots from logged and unlogged low altitude forest on plains and fans (P) and forest on uplands (H) in Madang, West New Britain and Central Provinces. The abundance of 10,609 ground herbaceous plants classified in 174 species from 103 genera and 35 families. Based on importance values, Arecaceae was the dominating family in both logged and unlogged P forest type, while Urticaceae and Arecaceae were dominating respectively in logged and unlogged H forest type. At species level, *Donax canniformis* and *Elatostema beccarii* are dominating the P type, and *Elatostema novoguineensis* and *Selaginella durvillei* the H type. Analysis of species richness, diversity, and composition showed significant differences between the two types with the H type being richer and more diverse than P type. No differences emerged between logged and unlogged of both types, indicating that the current intensity of disturbance does not seem to have a significant impact on the ground herbaceous layer. Since herbaceous species are an important component of the tropical forest diversity, further inventories must be conducted

along a wider elevation gradient to make these results more robust and better observe species turn over patterns and beta diversity.

**Mandawali, J., D. Wadley and R. Turia** (2021). "Realizing the opportunities of REDDp: The importance of including women's roles in Papua New Guinea's first national forest inventory," *Case Studies in the Environment* 5(1): <https://doi.org/10.1525/cse.2021.1448736>.

**Abstract:** This article aims to identify and realize opportunities for Reducing Emissions from Deforestation and Forest Degradation (REDD) through consideration of gender issues during the development and implementation of Papua New Guinea's first National Forest Inventory (NFI). To improve the planning and management of forests, the agenda is to achieve sustainability of ecosystem services, uncover economic and social values, and contribute to combating climate change and biodiversity loss at the global level. In the context of the NFI, we canvass three thematic areas of forest practice which, in assimilating women's roles, knowledge, and interests, promise a positive impact on economic efficiency and development. They are (1) women fostering the reduction of emissions from deforestation, forest degradation, and other management objectives, which include conservation, sustainable management of forests, and enhancement of forest carbon stocks or REDDp; (2) women and sustainable forest management; and (3) women in community forestry. The conclusion gauges the general role of women in forestry and summarizes future research directions, through policy recommendations, and technological and institutional interventions.

**Moripi, L.** (2021). "Modeling Soil Carbon Stocks in Morobe Province, PNG," *Case Studies in the Environment* 5(1): 1426687.

<https://doi.org/10.1525/cse.2021.1426687>.

**Abstract:** This study was done to develop a best fit model for soil carbon distribution to 1-m depth in Papua New Guinea's Morobe Province using multiple linear regression (MLR) technique on environmental variables elevation, slope, aspect, normalized difference vegetative index, mean annual temperature (MAT) and mean annual precipitation (MAP) using SPSS and ArcGis 10 software. Descriptive, correlation and MLR analyses were performed, and the data revealed that elevation and MAT were skewed. Slope and elevation were significantly negatively correlated to soil carbon distribution ( $R = -.725$  at  $p < .05$ ;  $R = -.862$  at  $p < .01$ ), while MAT was significantly positively correlated to the soil carbon distribution ( $R = .906$  at  $p < .01$ ). Three models developed from MLR analysis revealed that Model 2 (adjusted  $R^2 = .987$  at  $p < .05$ ) and Model 3 (adjusted  $R^2 = .990$  at  $p < .05$ ) were both significant, hence Model 2 developed Equation (3), whereas Model 3 developed Equation (4). Prediction accuracy of the two equations revealed that Equation (3) (root mean square error [RMSE] = 2.597) performed better than Equation (4) (RMSE = 2.764), hence Equation (3) was the best fit model that developed the predicted map of soil carbon distribution (Model 1 predicted approximately 271 t/ha). This study shows that environmental variables can be used to predict soil carbon distribution. However, the limited number of sites ( $n = 8$ ) could have greatly affected the model development exercise (e.g., the surprising positive correlation of soil carbon with MAT) and consequently the accuracy of the prediction map.

**Sam, N., P. Nimiago, T. Gaima, M. Gamung, L. Moripi, Y. Matsuura, A. Sumareke, J. Walters, M. Haraguchi, et al.** (2021). "How much carbon do the soils of Papua New Guinea forests contain? A preliminary assessment based on the multipurpose national forest inventory soil survey," *Case Studies in the Environment* 5(1).

**Abstract:** Preliminary assessment of carbon in forest soils of Papua New Guinea (PNG) was done for 53 sites. Simple soil-landscape model was constructed to explain how soil carbon relates to landscape position and landform processes. Despite limitations of the soil survey, sufficient data have been obtained to indicate that the amount of carbon in forest soils surveyed so far is related primarily to their carbon-complexing capacity (CCC) which, in turn, depends on their geological parent material and parent rock. Soils were grouped into six categories based on their carbon content. The six categories ranged from very low 0-50 t/ha to extremely high 601-1,000 t/ha. Amalgamating the areas of mapped geological units on the basis of their likely CCC and their median carbon content has enabled the total carbon content of all forest soils in PNG to be estimated as  $7,727 \times 10^6$  t. This figure is approximate and will be modified as more results are obtained and more sophisticated GIS-based landscape analysis is undertaken. The total carbon in forest biomass, as measured in this National Inventory and estimated for roots, is  $4,006 \times 10^6$  t. Thus, the total carbon in PNG's forests at present is estimated to be  $11,733 \times 10^6$  t, with 66% stored in the soil and 34% in the biomass. The high proportion of ecosystem carbon held in the soil emphasises the importance of implementing soil conservation measures to maintain the total carbon resource in PNG's forests.

**Yombai, J., P. Klimes, P. Dargusch, A. Posman, O. Mottl, A. Mani and V. Novotny** (2021). "Ant Species Diversity, Distribution, and Community Composition in Different Forest Types in Papua New Guinea," *Case Studies in the Environment* 5(1): 1342727.

<https://doi.org/10.1525/cse.2021.1342727>

**Abstract:** Previous studies have provided important scientific information on ant species richness and composition relating to the effects of elevation, sampling approaches, stratification, and forest succession. Yet, they have primarily focused on single sites or regions. Knowledge of ant ecology should also include the impact of disturbance in various forest types. Tuna baiting and hand collection methods were used to investigate diversity and community composition of ants in 16 sites sampled across Papua New Guinea, in both disturbed and pristine forest, at heights ranging from 28 to 2,728 m above sea level. We found 176 species as a result of exposing 320 tuna baits and traversing 72 hand-searched plots. Baiting samples were strongly dominated by a few common species, while the hand-collecting captured more species per plot. The Chao 2 richness estimator for both methods predicted under sampling of the local community. As expected, ant species diversity and richness significantly decrease with increasing elevation. We observed, on average, greater species diversity of ground-dwelling ant communities in disturbed compared to undisturbed forests. The effect was not significant using multivariate randomisations, since the same species dominated both forest classes. The unexpected pattern of ant species richness being locally higher in the disturbed sites is driven by our sampling of undisturbed communities at all elevations, but sampling of the disturbed communities only up to 1,600 m above sea level. Hence, future studies should consider more locations, aiming ideally for an equal sampling effort to capture disturbance stage and elevation.