



THE PACIFIC CIRCLE

ONLINE LECTURE
JANUARY 20th 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.

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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, 1:7
20 December 2021

CONFERENCES, WORKSHOPS, and LECTURES

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

For additional information, please visit 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 or Marc Tabani at 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 its affiliate, the Midwest Conference on British Studies (MWCBS), seek participation by scholars in all areas of British Studies for the 2022 meeting. We will 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 that reflect the diversity of scholars and 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 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 2022

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 400th 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.

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}. (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

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. Please also check your spam folder.
- 2) Please allow 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 or directly with me.

- file (e.g. Smith_CV).

European Society for the History of Science (ESHS) Tenth Biannual Conference

This year's edition will take place in Brussels, Belgium, and is organized by the National Committee for Logic, History and Philosophy of Science ([NCLHPS](#)) of Belgium.

Theme:

The theme of the ESHS 2022 conference will be Science Policy and the Politics of Science, a topic with resonance over these past years. The outbreak of Covid-19 has called attention to the shifting legitimacy of science-based expertise and the reliance on expert authority in policy making by state and national governments. This serves as an indication for a need to understand the role of scientists and scholars in society within a broader historical frame.

From a historiographical viewpoint, the conference will showcase the latest investigations of scientific institutions across time and space. Beyond the traditional views on history of science governance and management, recent studies have enhanced our understanding of scientific knowledge and practice from global, epistemological, and gendered perspectives, encompassing new experimental and digital methodologies.

Submission:

We welcome submissions for individual papers and symposia which combine 3 or 4 papers. Proposals should be submitted by filling in the template, which can be found on the [website](#)

For Symposium proposals:

To submit your symposium proposal, send the filled-in template as an attached file by email with subject line: "ESHS 2022 Symposium Proposal" to eshsbrussels@gmail.com. Symposium applicants should not also submit an individual paper proposal, unless they have been notified of the rejection of the symposium proposal. The status of the symposium proposal will be announced well before the closure of the call for papers.

The deadline for symposium proposals is 31 December 2021, 23:59 CET.

For Paper proposals:

To submit your paper proposal, send the filled-in template as an attached file by email with subject line: "ESHS 2022 Paper Proposal" to eshsbrussels@gmail.com

The deadline for paper proposals is 21 February 2022, 23:59 CET.

For further information: <https://eshsbrussels2022.com/>

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

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 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

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 must include (1) a 300-word (maximum) abstract; and (2) 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 [31st 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 November 30, 2021, or 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

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

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

Curator and Director, The Whipple Museum of the History of Science

Applications are invited for the permanent position of Curator and Director of the Whipple Museum of the History of Science. The Museum is integral to the Department of History and Philosophy of Science and houses an internationally important (Designated) collection of scientific instruments. The duties of the office include curatorial responsibility for the preservation, augmentation, and display of the collections of the Museum, and for making them available for purposes of study and research. The new Curator and Director is also expected to undertake museum-based teaching and/or general history and philosophy of science teaching in the Department, to an extent compatible with due performance of her or his curatorial duties. The post-holder would also be expected to conduct independent research in areas allied to the interests of the Department. Candidates should have substantial curatorial experience in history of science. Relevant teaching and research experience in the history and philosophy of science are also an advantage. The successful candidate should be able to take up the appointment on 1st October 2022, or as soon as possible thereafter.

The University joined the Advance HE's Race Equality Charter in 2016 and received the REC Bronze award in November 2019. Women and candidates from a Black, Asian, and Minority Ethnic background are particularly encouraged to apply for this position.

Once an offer of employment has been accepted, the successful candidate will be required to undergo a basic disclosure (criminal records check) check.

Visit <https://www.jobs.cam.ac.uk/job/32362/> to view further details and apply online

Closing date: 25 December 2021

Longlisting: Early January 2022

Informal meetings and interviews: February 2022

Information on the Museum can be found at <https://www.whipplemuseum.cam.ac.uk/>

Information on the Department: www.hps.cam.ac.uk<<http://www.hps.cam.ac.uk>>

For more on the University of Cambridge see www.cam.ac.uk<<http://www.cam.ac.uk>>.

Any further queries regarding this position can be addressed to jobs@hps.cam.ac.uk<<mailto:jobs@hps.cam.ac.uk>>.

Please quote reference JN29001 on your application and in correspondence about this vacancy.

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+00:00&tzname=Europe/London>

Assistant or Associate Professor: The History of Medicine & Health, Before 1800

Applications are invited for a 5-year fixed term Assistant or Associate Professorship in the History of Medicine and Health before 1800, to start on 1 September 2022 or as soon as possible thereafter. Responsibilities will include contributing to all aspects of undergraduate and graduate teaching, assessing graduate applications and student funding applications, supervising, and examining, leading research activities in the history of medicine and health, and various administrative duties for the Department.

Applicants must hold a PhD (or equivalent) and have an outstanding record of excellence in teaching, research, and publication in the history of medicine and health before 1800. The appointment will be made at either the Assistant or Associate Professorship level, depending on the successful candidate's experience. The Department offers an exceptionally stimulating and supportive interdisciplinary research environment and the opportunity to develop undergraduate and graduate teaching in the post-holder's areas of expertise.

The starting salary is dependent on the level of appointment being made, as determined by the Selection Committee. Assistant Professorships will start in the range of £42,149 - £53,348 per annum; Associate Professorships will start in the range of £56,587 - £60,022 per annum.

The University joined the Advance HE's Race Equality Charter in 2016 and received the REC Bronze award in November 2019. Women and candidates from a Black, Asian, and Minority Ethnic background are particularly encouraged to apply for this position.

Fixed-term: The funds for this post are available for 5 years in the first instance.

Once an offer of employment has been accepted, the successful candidate will be required to undergo a basic disclosure (criminal records check) check.

Applications are welcome from internal candidates who would like to apply for the role on the basis of a secondment from their current role in the University.

Visit <https://www.jobs.cam.ac.uk/job/32300/> to view further details and apply online.

Closing date: 25 December 2021

Longlisting: Early January 2022

Informal meetings and interviews: February 2022

For information on the Department of History and Philosophy of Science see www.hps.cam.ac.uk,

For more on the University of Cambridge see
www.cam.ac.uk.

Any further queries regarding this position can be addressed to
jobs@hps.cam.ac.uk.

Please quote reference JN28947 on your application and in correspondence about this vacancy.

Assistant Professor in Non-Western History of the Sciences, before 1900

Applications are invited for a permanent Assistant Professorship in Non-Western History of the Sciences before 1900, to start on 1 October 2022 or as soon as possible thereafter. Responsibilities will include contributing to all aspects of undergraduate and graduate teaching, assessing graduate applications and student funding applications, supervising, and examining, leading research activities in the history Department.

Applicants must hold a PhD (or equivalent) and have an outstanding record of excellence in teaching, research, and publication in the history of science beyond the West and before the twentieth century. An ability to work in non-European languages is desirable. The Department offers an exceptionally stimulating and supportive interdisciplinary research environment and the opportunity to develop undergraduate and graduate teaching in the post-holder's areas of expertise.

The University joined the Advance HE's Race Equality Charter in 2016 and received the REC Bronze award in November 2019. Women and candidates from a Black, Asian, and Minority Ethnic background are particularly encouraged to apply for this position.

Once an offer of employment has been accepted, the successful candidate will be required to undergo a basic disclosure (criminal records check) check.

For further information and to apply visit
<https://www.jobs.cam.ac.uk/job/32310/>

Closing date: 25 December 2021

Longlisting: early January 2022

Informal meetings and interviews: February 2022

For information on the Department of History and Philosophy of Science see www.hps.cam.ac.uk

For more on the University of Cambridge see
www.cam.ac.uk.

Any further queries regarding this position can be addressed to jobs@hps.cam.ac.uk.

Please quote reference JN28955 on your application and in correspondence about this vacancy.

FELLOWSHIPS, GRANTS, and PRIZES

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> or 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

Dr. Irina Gouzévitch
Centre Maurice Halbwachs
École Normale Supérieure
48, boulevard Jourdan
75014 Paris
France
irina.gouzevitch@ens.fr

Dr. Klaus Staubermann
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Dr. Tiina Männistö-Funk
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University of Turku
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Finland
tiiman@utu.fi

Dr. Jacopo Pessina
Department of Civilisations and Forms of Knowledge
Via Pasquale Paoli, 15
56126 Pisa
Italy
japessina@tiscali.it

The University has a responsibility to ensure that all employees are eligible to live and work in the UK.

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

The applications are now officially open for 2022-23 Fellowships at the Beckman Center of the Science History Institute.

This year, the Beckman Center introduces new Curatorial Fellowships, two-year full-time staff positions in the Othmer Library and the Museum intended for historians and other academic researchers in the history of science who are seeking professional opportunities outside of academia. The Beckman Center is located within an institution that boasts a full and active professional staff in each of these fields, allowing for a 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, along with an FAQ, a Guide for Applicants, and the application portal itself, 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

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.

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)
- * Dr Rob Lawlor for Applied Ethics (r.s.lawlor@leeds.ac.uk)
- * Prof. Emma Tomalin for Theology and Religious Studies (e.tomalin@leeds.ac.uk)
- * Prof. Greg Radick for History and Philosophy of Science (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 31st January 2022. The panel aims to make a decision by Friday 29th 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

Further Enquiries

Questions about the prize, or anything relating to the journal? Please email 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):

- 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).

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

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) 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

"Grappling with Morphine: A Local History of Painkiller Use in Kerala, India," by **Nishanth Kunnukattil Shaji**, *Canadian Bulletin of Medical History* 38, supplement 1 (2021)

"Do Climate Change Interventions Impact the Determinants of Health for Pacific Island Peoples? A Literature Review," by **Daphnee Voyatzis-Bouillard** and **Ilan Kelman**, *The Contemporary Pacific* 33:2 (2021), 466-496.

Australian Journal of Zoology 69:1 (2021) includes:

"The persistence of a SIR disease in a metapopulation: Hendra virus epidemics in Australian black flying foxes (*Pteropus alecto*)" by **Jaewoon Jeong** and **Hamis McCallum**

"Egg viability of green turtles nesting on Raine Island, the world's largest nesting aggregation of green turtles " **David T. Booth**, **Andrew Dunstan**, **Katharine Robertson**, and **Jamie Tedeschi**

"Choice of monitoring method can influence estimates of usage of artificial hollows by vertebrate fauna " **Reannan Honey**, **Christopher M. McLean**, **Brad R. Murray**, **Michael N. Callan**, and **Jonathan K. Webb**

Marine & Freshwater Research 72:12 (2021) includes:

“Macroalgal Calcification and the Effects of Ocean Acidification and Global Warming,” **Fangfang Yang, Zhangliang Wei, and Lijuan Long**

Environmental factors and predator abundance predict the distribution and occurrence of two sympatric urchin species at Ningaloo Reef, Western Australia

Emma L. Westlake, Cindy Bessey, Rebecca Fisher, Damian P. Thomson and Michael D. E. Haywood

Spatial variation and drivers of vegetation structure and composition in coastal freshwater wetlands of subtropical Australia

Rebekah Grieger, Samantha J. Capon, Wade L. Hadwen and Brendan Mackey

Potential fluctuation of $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ values of small pelagic forage fish in the Sea of Japan and East China Sea

Seiji Ohshimo, Taketoshi Kodama, Tohya Yasuda, Satoshi Kitajima, Toshihiro Tsuji, Hideaki Kidokoro and Hiroshige Tanaka

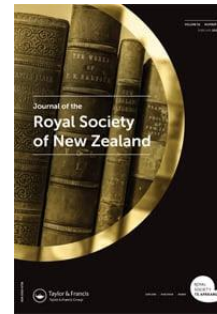
Genetic diversity and restricted genetic connectivity in an endangered marine fish (*Brachionichthys hirsutus*) provides a model for conservation management in related and data-deficient species

Sharon A. Appleyard, Tim P. Lynch, Mark A. Green and Francisco Encinas-Viso

“Spatial and Temporal Variations in Particulate Organic Carbon in Indonesian Waters Over Two Decades,” by **Karlina Triana, A’an Johan Wahyudi, Naoko Murakami-Sugihara, and Hiroshi Ogawa**

“A Multi-Scale Assessment of Fire Scar Mapping in the Great Victoria Desert of Western Australia,” by **Jaume Ruscalleda-Alvarez, Dorian Moro, and Richard van Dongen**, *International Journal of Wildland Fire* 30:11 (2021), 886-898

[Journal of the Royal Society of New Zealand, Volume 52, Issue 1, February 2022](#) is now available online on [Taylor & Francis Online](#).



[Taramea, a treasured Māori perfume of Ngāi Tahu from Aciphylla species of Aotearoa New Zealand: a review of Mātauranga Māori and scientific research](#)

Aaria Dobson-Waitere, Robin MacIntosh, Matapura F. Ellison, Bruce M. Smallfield & John W. van Klink
Pages: 1-17 | DOI: 10.1080/03036758.2020.1856147

[Mātauranga Māori: a philosophy from Aotearoa](#)

Georgina Tuari Stewart
Pages: 18-24 | DOI: 10.1080/03036758.2020.1779757

[Health experiences of child migrants in the Western Pacific region](#)

Grace Spencer, Melody Smith, Karen Hoare, Christa Fouché & Jill Thompson
Pages: 25-37 | DOI: 10.1080/03036758.2020.1776739

[Under-represented and overlooked: Māori and Pasifika scientists in Aotearoa New Zealand's universities and crown-research institutes](#)

Tara G. McAllister, Sereana Naepi, Elizabeth Wilson, Daniel Hikuroa & Leilani A. Walker
Pages: 38-53 | DOI: 10.1080/03036758.2020.1796103

[Derivation of induced pluripotent stem cell lines from New Zealand donors](#)

Jin Kyo Oh, Aneta Przepiorski, Hao-Han Chang, Rachel C. Dodd, Veronika Sander, Brie Sorrenson, Jen-Hsing Shih, Jennifer A. Hollywood, Janak R. de Zoysa, Peter R. Shepherd, Alan J. Davidson & Teresa M. Holm
Pages: 54-67 | DOI: 10.1080/03036758.2020.1830808

[Living and dying on the edge of the Empire: a bioarchaeological examination of Otago's early European settlers](#)

Hallie Ruth Buckley, Phillip Roberts, Rebecca Kinaston, Peter Petchey, Charlotte King, Kate Domett, Anne Marie Snoddy & Elizabeth Matisoo-Smith
Pages: 68-94 | DOI: 10.1080/03036758.2020.1837189

[Conservation pest control with new technologies: public perceptions](#) |



Edith Anne MacDonald, Mary Beth Neff, Eric Edwards, Fabien Medvecky & Jovana Balanovic
Pages: 95-107 | DOI: 10.1080/03036758.2020.1850481



Welcome to the latest contents alert for **Journal of Southern Hemisphere Earth Systems Science**.

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.

[East coast lows and extratropical transition of tropical cyclones, structures producing severe events and their comparison with mature tropical cyclones](#)

Jeff Callaghan

This paper describes the development of Australian east coast lows and the interaction of upper trough systems with tropical cyclones.

[Abstract](#) | [Full Text](#) | [PDF \(14.7 MB\)](#) Open Access Article

[Circular Flip-Flop Index: quantifying revision stability of forecasts of direction](#)

Deryn Griffiths, Nicholas Loveday, Benjamin Price, Michael Foley and Alistair McKelvie

Flip-flopping of forecasts as we approach a weather event creates confusing messages and can cause plans to flip-flop. We provide a way to quantify the stability of forecasts of direction using a new index, the Circular Flip-Flop Index. Applying this to Australian forecasts of wind direction, we show that some forecasts of similar skill can be differentiated by their different stability.

[Abstract](#) | [Full Text](#) | [Full Text](#) | [PDF \(1.3 MB\)](#) Open Access Article

Variability and trend of sea level in southern waters of Java, Indonesia

Amalia Nurlatifah, Martono, Indah Susanti and Mamat Suhermat

Climate change and sea level rise is one of the most important issues for our planet. This research found that sea level rise in southern Java, Indonesia, is impacted by climate change as well as climate variability events, like the El Niño Southern Oscillation and the Indian Ocean Dipole. For the period 1993–2018, the sea level in the southern waters of Java, Indonesia, increased by about 4.7 mm/year.

[Abstract](#) | [Full Text](#) | [PDF \(5.1 MB\)](#) Open Access Article

A catalogue of marine heatwave metrics and trends for the Australian region

Jules B. Kajtár, Neil J. Holbrook and Vanessa Hernaman

Marine heatwaves are prolonged, extremely warm oceanic events that can severely impact marine ecosystems. They are becoming more frequent, more intense, and longer in duration around the world, including around Australia. This paper analyses and catalogues historical marine heatwaves around Australia since 1982. The paper also examines marine heatwaves in several case study regions, including off the Western Australian coast, Torres Strait, Great Barrier Reef, Tasman Sea, and the South Australian Basin.

[Abstract](#) | [Full Text](#) | [PDF \(2.6 MB\)](#) Open Access Article

Australian rainfall anomalies and Indo-Pacific driver indices: links and skill in 2-year-long forecasts

I. G. Watterson, T. J. O’Kane, V. Kitsios and M. A. Chamberlain

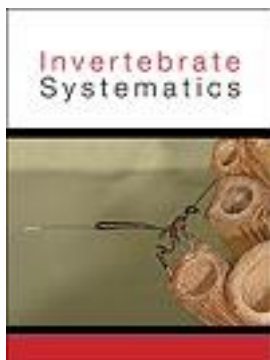
Two-year-long 11-member ensemble forecast simulations by the Climate Analysis Forecast Ensemble modelling system initiated over 2002–2015 were analysed. The links between interannual variations of Indo-Pacific climate driver indices, moisture flux towards Australia, and All-Australia precipitation were similar to those in ERA5 and other data sets. There is some skill in the seasonal and annual-mean forecasts of these quantities for lead times beyond 6 months, extending into the second year.

[Abstract](#) | [Full Text](#) | [PDF \(4.7 MB\)](#) Open Access Article

JOURNAL OF SOUTHERN HEMISPHERE
EARTH SYSTEMS SCIENCE

Volume 71(3) 2021





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[A molecular phylogeny of the circum-Antarctic Opiliones family Neopilionidae](#)

Gonzalo Giribet, Kate Sheridan, Caitlin M. Baker, Christina J. Painting, Gregory I. Holwell, Phil J. Sirvid and Gustavo Hormiga



The Opiliones family Neopilionidae is restricted to South America, Africa, Australia, New Caledonia and New Zealand. Here we investigated the pattern and timing of diversification of Neopilionidae across Gondwana by sequencing three markers commonly used in Sanger-based molecular approaches. We recovered a well supported and stable clade including *Ballarra* and the

Enantiobuninae from South America, Australia, New Caledonia and New Zealand, but excluding *Vibone* from South Africa. We further found a division between West and East Gondwana, with the South American *Thrasychirus/Thrasychiroides* always being sister group to an Australian–Zealandian (i.e. New Zealand + New Caledonia) clade. Our results identify several genus-level inconsistencies in Neopilionidae and several new lineages requiring formal description.

[Abstract](#) | [Full Text](#) | [PDF \(3.1 MB\)](#)

Hooroo mates! Phylogenomic data suggest that the closest relatives of the iconic Tasmanian cave spider *Hickmania troglodytes* are in Australia and New Zealand, not in South America

Siddharth Kulkarni and Gustavo Hormiga



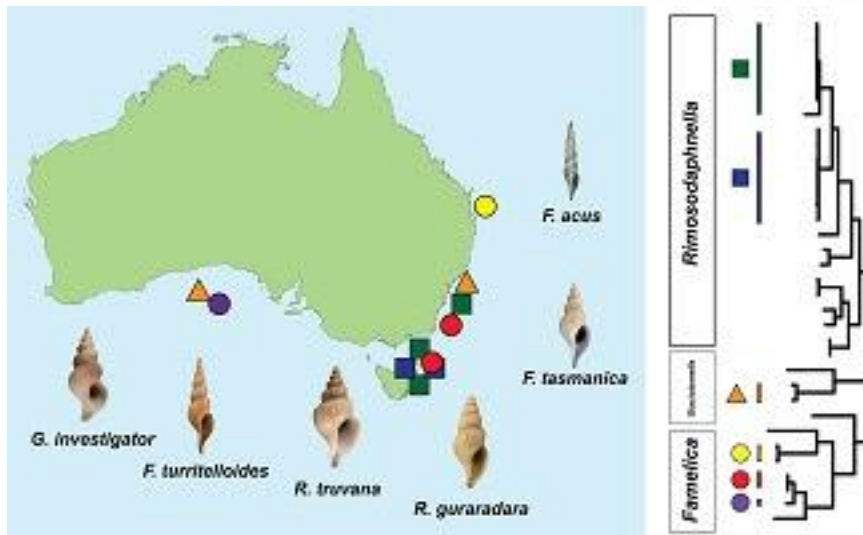
The Tasmanian Cave Spider (*Hickmania troglodytes*) is the only Australian lineage of Austrochilidae with all other members of the family in southern South America. *Hickmania* is an oddity in Austrochilidae because this is the only spider bearing posterior book lungs, tarsal spines and a process on male pedipalps. We assessed the family placement of this spider using genomic scale data and a variety of phylogenetic treatments. Based on our results, we formally transfer *Hickmania* to Gradungulidae, an assignment that conforms to the morphology, distribution and phylogenetic placement.

[Abstract](#) | [Full Text](#) | [PDF \(1.4 MB\)](#)

Snails in depth: integrative taxonomy

of *Famelica*, *Glaciotomella* and *Rimosodaphnella* (Conoidea: Raphitomidae) from the deep sea of temperate Australia

Francesco Criscione, Anders Hallan, Nicolas Puillandre and Alexander Fedosov



Despite the importance of geographical distribution for understanding the evolution and diversity of deep-sea snails, this remains poorly known. We combine genetic, shell, anatomical and distribution data from three genera to identify four new species from Australia and beyond that we describe here, with an emphasis on rare or endemic species. Our findings suggest that radula and protoconch features can help interpret genus-level relationships. We discuss the role of the environment in shaping the snails' evolution.

[Abstract](#) | [Full Text](#) | [PDF \(4.6 MB\)](#)



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[Attribution of river water-quality trends to agricultural land use and climate variability in New Zealand](#)

T. H. Snelder, C. Fraser, S. T. Larned, R. Monaghan, S. De Malmanche and A. L. Whitehead

Trends in six water quality variables at 1051 river monitoring sites across New Zealand pertaining to the 28-year period between 1990 and 2017 were attributed to a combination of land use indicators and climate variability. At durations of 10 years, land use signals were generally swamped by the effects of climate variability. At the 20-year duration, land use and changes in land use were associated with both water quality improvement and degradation.

[Abstract](#) | [Full Text](#) | [PDF \(2.3 MB\)](#) Open Access Article

Effect of climate variability on water quality trends in New Zealand rivers

T. H. Snelder, S. T. Larned, C. Fraser and S. De Malmanche

A component of the variability in trends in 10 water quality variables at 56 river monitoring sites across New Zealand pertaining to the 31-year period between 1989 and 2019 were attributed to the El Niño–Southern Oscillation (ENSO) climate pattern quantified by the Southern Oscillation Index (SOI). The trend in the SOI explained some of the variation in site and aggregate trends between rolling windows of 5-, 10- and 15-year duration through the study period. Climate variability makes a significant contribution to water quality trends, even at timescales longer than the ENSO cycle, and our models can be used to quantify this contribution for individual sites and for aggregate trends.

[Abstract](#) | [Full Text](#) | [PDF \(2.7 MB\)](#) [Open Access Article](#)

Variations in wetland conditions within the Fitzroy Basin, north-eastern Australia: a palaeoecological approach

Johanna M. Hanson, Maria L. VanderGragt, Kevin J. Welsh and Patrick T. Moss

Palaeoecological research was conducted on two sediment cores from wetlands within the Fitzroy Basin, central Queensland. Both records indicated millennial climate variability (El Niño–Southern Oscillation, Little Ice Age) and increased land-use intensification. Results are compared with the Regional Ecosystem classification scheme, which indicates greater similarity in environmental conditions from present-day and ~1000 years ago, while wetter conditions prevailed pre-European settlement.

[Abstract](#) | [Full Text](#) | [PDF \(2.5 MB\)](#) [Open Access Article](#)

Historical abundance and distribution of the native flat oyster (*Ostrea angasi*) in estuaries of the Great Southern region of Western Australia help to prioritise potential sites for contemporary oyster reef restoration

P. A. Cook, B. Warnock, C. L. Gillies and A. B. Hams

Reefs of the flat oyster (*Ostrea angasi*) once occurred in many of the

bays and estuaries on the southern coastline, but current stocks are considerably reduced from their historical levels. Overfishing appears to have caused the initial decline, with the destruction of oyster beds and hard substrate by dredging exacerbating the problem. The lack of natural recovery indicates that restoration efforts are required if the ecosystem services provided by oyster reefs are to be returned to Oyster Harbour.

[Abstract](#) | [Full Text](#) | [PDF \(563 KB\)](#) Open Access Article

[Distribution of adult fish and spawning nests of estuarine-dependent amphidromous goby \(*Gymnogobius petschiliensis*\) in two streams of central Japan](#)

Yumeki Oto

Although the optimal physiological condition is high salinity, the marine-originated goby (*Gymnogobius petschiliensis*) also uses freshwater habitats. Field surveys showed that, although most adults of the species usually inhabited freshwater habitats in central Japan, spawning occurred mainly in estuarine areas. This suggests that they needed to migrate downstream for successful reproduction, which was inhibited in freshwater because of physiological constraints.

[Abstract](#) | [Full Text](#) | [PDF \(415 KB\)](#)

[Morphological and phylogenetic analysis of a non-toxic *Raphidiopsis curvispora* isolated from a drinking water reservoir in South Korea](#)

Ju-Yong Jeong, Seung-Eun Oh, Kyu-Seung Shim, Joo-Hyeong Byun, Tae-Hwa Kim, Jaewon Ryu and Keugtae Kim

Recently, cyanobacteria that have not been observed in the past have been occasionally found in South Korea. In this case, the question arises as to whether these species are newly introduced from outside or whether native species have become conspicuous due to environmental changes, such as global warming. In this study, we use morphology and genetics to provide a

plausible answer to this question.

[Abstract](#) | [Full Text](#) | [PDF \(738 KB\)](#)

[Assessing trap bias in the endemic Australian genus of freshwater crayfish, *Euastacus*](#)

Ayden Skorulis, Marian Y. L. Wong and Andrew R. Davis

Freshwater crayfish are among the most endangered animal groups in the world. We examined bias associated with baited traps for members of this diverse group in Australia. We confirmed that traps predominantly captured large males, whereas their abundance was underestimated two- to three-fold when compared with that from baited video surveys. Animals avoided traps with a captive crayfish. Video techniques can better inform conservation efforts.

[Abstract](#) | [Full Text](#) | [PDF \(894 KB\)](#)

Books and Chapters

Australian Deserts: Ecology and Landscapes, by **Steve Morton**, CSIRO, 2021

Coral Reefs: A Natural History, by **Charles Sheppard**, CSIRO, 2021

Publishing Opportunities

Call for Book Chapters: “The Primacy of Indigenous Knowledge”

Vernon Press invites book chapter proposals to be included in a forthcoming scholarly volume on "The Primacy of Indigenous Knowledge."

Certain agricultural practices define specific Indigenous people groups from reindeer herding among the Sámi, potato farming among the Inca, or cultivating the "Three Sisters" (corn, beans, and squash) among the Iroquois. These practices are very much a part of a tribe's identity as other traditions such as dances, writs of passage, and artwork. Agricultural practices are also an important way of life that provides nutrition and cultural connections to the land.

Since the 1970s, the study of Indigenous peoples has grown across many different disciplines, which have produced a number of important works. This book seeks to ask broad questions about Indigenous agricultural history that spans chronologic, geographic, and spatial boundaries, and is interested in compiling a collection of works addressing Indigenous agriculture around the globe. We welcome proposals that are interdisciplinary in nature and can come from disciplines that include archaeology, anthropology, English, ethnohistory, history, literature, sociology, etc. We seek book chapters that range from approximately 5000-6000 words in length to include in this edited collection.

We invite chapter proposals that explore a wide variety of topics such as:

- Exploration of contemporary Indigenous agricultural practices.
- Examination of traditional agricultural practices utilized as a means for modern culture revitalization and/or nation-building.
- Analysis of historic agricultural practices that shaped and re-shaped climate, ecosystems, environment, flora, fauna, etc.
- Study of Indigenous regenerative farming techniques used to address ecological issues such as climate change and sustainability.
- Evaluation of the use of Indigenous agricultural knowledge as a means of resistance to colonization.

Please send a 300-word abstract, project title, and a brief bio in English to Nick Timmerman (Volume Editor) at: ntimmer@langston.edu by April 1, 2022.

Contact Info:

Nick Timmerman (Volume Editor)

ntimmer@langston.edu

HoST – Journal of History of Science and Technology

[HoST - Journal of History of Science and Technology](#) is an open access, on-line peer-reviewed international journal devoted to the History of Science and Technology, published in English by a group of Portuguese research institutions and De Gruyter/Sciendo. HoST encourages submissions of original historical research exploring the cultural, social, and political dimensions of science, technology, and medicine (STM), both from a local and a global perspective.

Past thematic issues have dealt with topics as diverse as circulation, science communication or the relation between science and politics. Future issues might deal with both established and emerging areas of scholarship. The editors of HoST are looking for proposals for one thematic dossier to be published in 2023 (HoST volume 17, issue 2). The thematic dossier should be prepared by the guest editor(s) and include four research papers along with an introduction.

Proposals should include the following items:

- An abstract describing the topic for the thematic dossier and its significance (500 words)
- A list of the contributors along with the titles and abstracts (300 words) of the four research papers
- Brief CVs (300 words) of the guest editor(s) and authors

The guest editor(s) and the contributors must be prepared to meet HoST's publication schedule:

- Abstract and titles submission: 15 January 2022
- Submission of complete research papers: 30 December 2022
- Publication: December 2023

Proposals will be subject to approval by the Editorial Board and the outcome will be announced to the authors by February 2022.

Submissions should be sent as an e-mail attachment (preferably in one single .doc, .docx, .rtf or .odt file), to the chief-editor: chiefeditor@johost.eu