

FEVERS, FRETS, AND FUTURES: UNCERTAINTY AND NEW ECOLOGIES FOR POST-COVID HEALTHCARE

Association for Medical Humanities Annual international conference 2023
in collaboration with the IAS, UCL

4th – 7th July 2023

INVITED SPEAKERS BIOS AND ABSTRACTS

Keynote: Dr Ayesha Ahmad

Bio

Dr Ahmad holds a PhD in medical ethics and works to integrate ethics and the humanities into global health research and pedagogy. Her research expertise is in transcultural psychiatry and cross-cultural mental health. She particularly work in contexts of conflict and humanitarian crisis resulting from disasters including environmental change. Dr Ahmad develops trauma therapeutic interventions using traditional storytelling and has an ongoing research project in Kashmir (India) and Turkey, in collaboration with Afghanistan, Tunisia, and South Africa; www.shaercircle.com. Dr Ahmad's specialisation is in psychological trauma and the ethical consequences of concepts that are used in mental health. She has developed both undergraduate and postgraduate courses in culture and mental health.

In her work, Dr Ahmad critically explores the notion of land trauma, as it is juxtaposed with a medicalised and biomedical paradigm of a temporal understanding of post-traumatic stress disorder.

At St Georges University of London, Dr Ahmad has established a Global Health Humanities Hub to bring together scholars and students using humanities-based methodologies to approach and respond to global health inequities and injustice.

Dr Ahmad also works as an Expert Witness providing academic reports on asylum seeker cases related to war, mental health, and gender-based violence.

Abstract

The Soil holds the Soul: why we need to create new notions of harm and suffering towards the Land to understand mental distress within and beyond land-dependent and Indigenous communities

Solastalgia is an emerging concept to describe mental distress from environment change. Our interdisciplinary network, Land Body Ecologies, has been exploring the experiences of Indigenous and land-dependent communities in the Arctic Circle, Thailand, India, Uganda, and Kenya. In this presentation, I provide a conceptual analysis and framework to coin and introduce our meanings for two new terms: 'land-based trauma' and 'land-based violence'. To achieve this, I expound on understandings of gender-based violence during armed conflict to explain how the body and land become entangled and loss of connections of the land are expressed through stories of suffering of the self. I conclude with future recommendations for progressing legal and health perspectives on marginalized narratives of Solastalgia-related harms.

Richard Alderslade

Bio

Richard Alderslade has worked for forty years in public health, national and local health administration, research and higher education in the United Kingdom, and for ten years in humanitarian and development international health. He holds the degrees of MA. BM. BCh. (Oxon) and is a Fellow of the Royal College of Physicians of London (FRCP) and the Faculty of Public Health (FFPH), both in the United Kingdom.

His United Kingdom work included five years working with the UK Medical Civil Service, including a Senior Medical Officer appointment as Private Secretary to the Chief Medical Officer; ten years working in public health within the National Health Service as a Consultant in Public Health Medicine and Regional Director of Public Health; three years as a manager of community health services; and one year as a Professor of Community Care.

Internationally he has worked for eight years in humanitarian public health work with the World Health

Organisation's Regional Office for Europe, including five years managing all the Office's humanitarian programs within the Region. Latterly he worked for eighteen months with the European Union and the United Kingdom Department for International Development in Romania, acting as Adviser to the Romanian Prime Minister's on the development of child protection services in Romania.

He was for 4 years Senior External Relations Officer at the World Health Organization's Office at the United Nations in New York. He was also for four years the Chief Officer of the Children's' High Level Group, an NGO based in London concerned with improving arrangements for child health, education, welfare and protection services across Europe.

Between 2010 and 2012 he was Senior Adviser in Health Policy at the World Health Organization's Regional Office for Europe in Copenhagen, Denmark, working on the strengthening of public health capacities and services across the European Region, and a new health policy framework for the Region, Health 2020. He continues to act as an Adviser to WHO's Program on Health and Migration.

Since 2013 he has been a Senior Teaching Fellow in Public Health at St George's Hospital, University of London. He also teaches public and global health subjects at New York University in the United States.



Emily Baker

Bio

Emily Baker is Lecturer in Comparative Literature and Latin American Studies at UCL. Her research focuses on the areas of Comparative Literature and Cultural Studies, with a particular focus on Latin America. She is preparing a book on Contemporary Latin American Eco-Fictions, which engages with some of the most recent eco-fictional novels by authors including Ricardo Piglia, Pola Oloixarac, Rita Indiana, Samantha Schweblin, Carlos Fonseca, Rodrigo Rey Rosa and Leonardo da Jandra in combination with up-to-date theoretical work in the spheres of political economy, environmental sciences and humanities, and history and philosophy.

Abstract

Nature, sustainability, and the future of the NHS

The NHS has committed to Net zero by 2040 for the emissions the NHS controls directly. Net zero is only one dimension of environmental sustainability, and Covid has highlighted a number of broader ways in which the NHS is struggling with sustainability, from staff burnout, to spiralling waiting times, and funding shortfalls. This session discusses what sustainability should mean as an ideal in healthcare, whether clinicians more than other citizens should be leading the fight against climate change, and whether conceptions of medicine and health need to be reshaped in ways that foreground nature-based interventions.

Panellists: Dr Nick Watts (Chief Sustainability Officer, NHS); Luke O'Shea (Director of Innovation, UCLH), Dr Emily Baker (Lecturer in Comparative Literature and Latin American Studies, UCL), Prof James Wilson (Professor of Philosophy, UCL)



Dr Anand Bhopal

Bio

Dr Anand Bhopal is PhD Research Fellow at the Bergen Centre for Ethics and Priority Setting (BCEPS), within the Department for Global Health and Primary Care and an affiliate researcher at the Centre for Climate and Energy Transformation (CET) at the University of Bergen. His PhD project aims to assist policymakers in conceptualising and ultimately prioritising different health and climate-related interventions. The project combines theoretical approaches exploring the integration of carbon emissions into healthcare priority setting and qualitative research interviews with health policy makers in countries which have committed to developing a zero carbon healthcare system under the WHO COP26 Health Programme.

anand.bhopal@uib.no

Keynote: Lisa Boivin

Bio

Lisa Boivin is a member of the Deninu Kue First Nation, an interdisciplinary artist, and a scholar at the University of Toronto's Faculty of Medicine.



Abstract

Everything is in Relationship: Arts, Humanities, Health, Anti-Colonialism, and Reckoning with the Climate Catastrophe

Colonial violence and imperialism are inextricably tethered to planetary destruction. The Indigenous and non-Indigenous artists, storytellers, scholars, activists, and healthcare researchers who are members of this panel take as a starting point that colonial violence and imperialism are present-day forces impacting both human and non-human worlds. With this in mind, we discuss our relationships with each other, which we argue is fundamental to new anti-colonial ways of knowing and being. We also discuss how our work has come to be taken up in medical education, healthcare professionalization, and in efforts to expand beyond biomedical modes of thinking about complex messy issues that include climate catastrophes, health disparities, and ecological destruction. We discuss and share stories about racism and coloniality, offering insights about how the (ongoing) colonial project of anti-Indigeneity (ecologically, geographically, socially, and culturally) has implications for the planet and for the health of every being who lives here. After a short 7-10 minutes presentation from each presenter, the session will provide an opportunity for open discussion.

Image: © Lisa Boivin, *Sharing Bioethics III*

Angie Brew (in collaboration with Angela Hodgson-Teall)

Part I: Families and Nature exhibition celebrates life

Families and Nature was conceived to celebrate the life of an elderly mother, who died in a wonderful care home in Cambridge, six months after developing Covid infection. Artist and curator Angela Hodgson-Teall invited members of her art communities, including Newlyn Art Gallery in Penzance, University of the Arts London, fellow dog-walker and member of the Chinoke orchestra and finally a writer and Professor Emeritis of Surgery, to exhibit with her. Eleven artists with interests in art, health and well-being worked together for an exhibition at Morvah Schoolhouse Gallery, on the stunning coast road between St Just and St Ives in West Cornwall¹. Families and Nature explored the close ties between people and other animals, in diverse biological and cultural settings stretching from Canada to beyond Cornwall. Books, drawings, paintings, prints, pottery and rag brooches, inspired by rich land and seascapes from studios, homes, farms, medical and musical environments, demonstrate the rhythms and sustainability in our lives.

You are invited to draw during the talk. This may be a beneficial warm-up exercise for the workshop (Part II). No obligation to take part. No experience necessary.



Part II: Workshop - Join the Two Angelas on a journey with humming birds who migrate from Central to North America and back

Environmentalist, Artist and Researcher, Angela Brew, one of the founders of Thinking Through Drawing², will lead a Workshop about Humming bird migrations and how they have shifted in response to the complex impact of climate change. There will be an opportunity to draw these and other birds shown at Morvah, during the workshop.

Also...Angela Brew is now on a quest to draw all the migrating birds in the world. She will talk about this during the workshop. Please feel free to bring and work on photographs and drawings of any migrating birds which interest you.

<https://www.allaboutbirds.org/news/take-the-long-way-home-green-wave-explains-bird-migration-routes/>
https://www.hummingbirdcentral.com/hummingbird-fall-southward-migration.htm?fbclid=IwAR3h1-cgtu2JHMBEe1tbVVTefJ9iwZi7IVmfkbXw_WzotwKl7c379nCHh4I

Image ©Angie Brew



Rochelle Burgess

Bio

Dr. Rochelle Burgess is an Associate Professor in Global Health and Deputy Director of the UCL Centre for Global Non-Communicable Diseases, at the Institute for Global Health at UCL. She is the founder and Director of UCL's Global Network on Mental Health and Child Marriage. Rochelle is interested in the promotion of community led approaches to health globally, and views communities as a route to understanding and responding to the political economy of poor health, with a particular emphasis on the impacts of broader development issues such as poverty, gender, systems of governance, and community mobilisation. For the past decade she has focused largely on mental wellbeing and the experience of common mental disorders, and is a leading voice in the field of social interventions in Global Mental Health. She has led a range of projects that focus on the development of community mental health interventions in South Africa, Colombia, UK and Zimbabwe.

Abstract

Creating our way through crises: How can the arts and creativity address sustainability and tackle health and environmental inequalities? With Dr Rochelle Burgess, Dr Sarah Fortais, Dr Harold Offeh.

Arts Cabinet

F.I.R.E. and magic: mediating encounters, fostering ecologies of knowledge globally

1. Arts Cabinet: mediating encounters, fostering ecologies of knowledge

This session will introduce the organisation Arts Cabinet – a curatorial, editorial and educational platform that creates multi-format projects bringing together artists and researchers to foster encounters that engender relationality between disciplines, practices and communities globally.

Svetlana Sequeira Costa is the founder and director of Arts Cabinet, a research-led arts organisation based in London, creating projects that bring together artists and researchers from different fields and practices, to collaborate and consider alternative ways of addressing complex issues of our times. The idea for Arts Cabinet came from a lifetime's experience of being, and working, in the arts internationally. Svetlana has worked with leading cultural institutions private and public, and worked with some of the greatest artists of the 20th century. She is a Research Fellow at the Department of War-Studies, King's College London, and she is undertaking her PhD at the Slade/UCL.

2. F.I.R.E. | Edition 03

Dr. Cathy Smith, (Postdoctoral researcher, Royal Holloway University of London / Leverhulme Centre for Wildfires, Environment and Society) and **Dr. Christina Della Giustina** (artist/researcher, Amsterdam, NL) are setting up a transdisciplinary dialogue between a scientist and an artist on Indigenous fire practices.

The conversation takes place in the context of a history of fire suppression in many landscapes

worldwide, which has had problematic outcomes for small-scale livelihoods, cultures, and ecologies. Cathy and Christina converse around their research ethics concerning how to tune into dialogue, how to listen, how to relate, that is how to resist representation, and instead feed into mutual, equal interrelationship.

Cathy and Christina's dialogue invites a third conversation partner: documentary material collected during their ongoing, collective research F.I.R.E. (Edition 01, 2022; Edition 02 2023). The project imagines and practices transdisciplinary and transformative modes of researching, studying and teaching fire in and for the planetary emergency, with an emphasis on openness to creative practices and experimentation; together with: **Prof. Jay Mistry, Anna Daučíková, Dr. Emilia Ferraro, Dr. Ana Maria Ochoa, Gabriel Paiuk, Silvia Sedoc, Svetlana Sequeira Costa, Karen Vantvelt, Rolando Vazquez**, as well as **staff and students from Master Fine Art, University of the Arts, Utrecht, NL**.

3. *The Body Won't Close. Bahian Tales of Danger and Vulnerability*

Mattijs van de Port is a filmmaker and visual anthropologist, working at the University of Amsterdam. He did fieldwork in Serbia, the Netherlands and since 2001 in Brazil. He is the author of three monographs and made several films, including *Saborear Frutas Brasileiras* (2013) and the essay films *The Possibility of Spirits* (2016), *Knots and Holes* (2018) and *The Body Won't Close* (2021), which were selected for many film festivals around the world. Much of Van de Port's work explores the tensions and thrills that occur at the limits of human sense-making.

Enrique Castro-Sanchez

Bio

Enrique Castro-Sanchez is a clinician, planetary health educator at Brunel University London, and researcher in drug-resistant infections. He has consulted to WHO on infections, and leadership, and has led and contributed to national and international policies in these areas.

Abstract

Planetary health makes visible and tangible the interrelation between natural systems and human health and wellbeing, and addresses the determinants of key contemporary challenges to such wellbeing. Some, if not all these challenges, from drug-resistant infections to biodiversity loss and the climate emergency, are fuelled by cultural, socioeconomic and commercial, and political determinants; their solutions lie in policy, technology and radical social change. Multifaceted interventions to mitigate and solve these challenges are necessary. The paradigm for planetary health education is therefore transdisciplinary, reflected in emerging planetary health education competencies and frameworks.

However, whilst competencies and content centred in traditional biomedical or environmental domains seem agreed upon, there is much less certainty about how best equip planetary health students with the necessary skills to operate proficiently in the political, economic, social, technical, legal and ethical arena (PESTLE) and mobilise knowledge towards the political decision-makers. Political skills, reflecting personal performance, situational awareness, interpersonal influence, science communication, influence on policy-related processes, and finally stakeholder engagement, are increasingly necessary for those involved in planetary health education, leadership, and practice.

This interactive online workshop will summarise planetary health education initiatives that aim beyond a scientific understanding of health and environmental, including the planetary health education framework and case studies, and supported by real-world examples of planetary health education programmes (from UCL, Brunel University London, Royal Holloway University of London) to facilitate reflection about how best incorporate PESTLE skills and medical humanities within planetary and global health.



Edward Christie

Bio

Edward is a finalising PhD Research Student based in the History of Art Department at UCL. His thesis, which is titled 'Mobilising Post-War Eco Art History Against the Climate Crisis', critically revises canonical narratives of post-war eco art in favour of approaches to the subject which are committed to radical praxis, ecological awareness, and social inclusivity. Among recent projects, as Co-Chair of the Environment Domain Early-career Network (EDEN) at UCL, Edward co-curated an interdisciplinary seminar programme on the impact of the COVID-19 pandemic on the sustainability movement. Comparably, he was a Research Assistant on the IAS's 'The Humanities and the SDGs' initiative which challenged the lack of representation of perspectives from humanities disciplines in work on the United Nations' Sustainable Development Goals. Furthermore, Edward is a Co-Founder of Reforming Anatomy, a research collective which promotes collaboration between the arts and medical practice.

Abstract

Sustainability and Healthcare: A Transdisciplinary Panel

This is a space for an insightful transdisciplinary panel discussion on the nature of sustainability and healthcare. We bring together speakers from a variety of backgrounds including clinical medicine, healthcare leadership, photography, history of science and participatory research. Discussion will cover what our global and local future will look like, what steps are being taken towards sustainability, and how art and the humanities can intersect with these efforts in their alternative methodological approaches.

Jennifer Cole

Bio

Jennifer Cole is a biological anthropologist, course director for the MSc and MA programmes in Global and Planetary Health at Royal Holloway University of London, and co-chair of the Planetary Health Alliance European Hub Working Group.

Abstract

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Keynote: Anthony Costello

Bio

After serving as Director of the Department of Maternal, Child and Adolescent Health, WHO Geneva, Anthony Costello returned to University College London in June 2018 as Professor of Global Health and Sustainable Development, co-chair of the international Lancet Countdown for Climate Action and Health, and senior adviser to the Children in All Policies 2030 programme supported by WHO, UNICEF and the Lancet

His epidemiological research has focused on cluster randomised trials of community mobilisation for maternal, newborn and nutritional health in Nepal, Bangladesh, India and Malawi. His book 'The Social Edge. The Power of Sympathy Groups for our Health, Wealth and Sustainable Future' describes

this work and speculates on ways we might tackle 21st century problems in the western world. With Sir David King, former UK government chief scientific adviser, he was a co-founder of Independent SAGE which aims to bring a greater focus on public health, transparency and public engagement to the UK Covid response.

Abstract

A future for our children?

The conference will explore how we think and create new futures and a new sustainability in our work, our lives, and the environments on which they precariously depend. In my talk I shall focus on three key issues:

- The climate threat to health and how it should inspire immediate affordable action, not denial or despair.
- How the idea of 'children in all policies' should be central to collective action for a stable future
- The importance of small 'sympathy groups' in tackling positive futures for our health, environment and creativity.

Dr Anne Dunleavy

Bio

Dr Anne Dunleavy is a Consultant in Respiratory Medicine at St George's University Hospitals NHS Foundation Trust and Imperial College London.

Edwina fitzPatrick

Bio

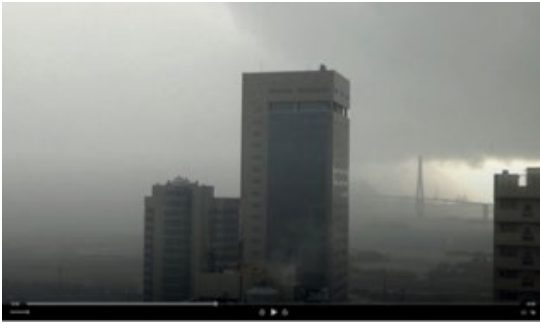
Edwina fitzPatrick's husband died completely unexpectedly of Covid in March 2020, just before the first lockdown. She set up CovidSpeakEasy in December 2020, which provided free online support for anyone who had lost their partners to Covid. They were led by BACP (British Association for Counselling and Psychotherapy) accredited counsellors between 2020-22. Subsequent to the 6-week counsellor-led sessions, Edwina continues to work with 'Beyond SpeakEasy' participant-run groups.

In addition to being an artist, Edwina is an Associate Lecturer in Research at CCW (Camberwell, Chelsea and Wimbledon Colleges of Arts), which is part of the University of the Arts London. She completed her AHRC funded collaborative PhD with the UK Forestry Commission in 2014.

www.edwinafitzpatrick.com

www.archiveofthetrees.co.uk

<https://www.covidspeakeasy.com/>



Abstract

Tilting Horizons

The Tilting Horizons sci-fi video (14 minutes), explores the obscured spaces and parallel universes that Covid created. Shot from the 13th floor window of a building overlooking a sea mist, the window's glass is a metaphorical membrane between right and left-brain perceptions of our world(s). The second key metaphor involves cultural understandings of the horizon as a veil between past, present and future – temporality is still something that we continue to struggle with as the pandemic's effects (literally and metaphorically) mutate. The window's normally panoramic view is slowly revealed, narrated by an ambiguously gendered "guide" (who may, or may not be, from this planet) telling us fabulas about how the horizon might form a navigation tool to negotiate uncertainty and renewal.

Image ©Edwina FitzPatrick



Hannah Fletcher

Bio

Hannah Fletcher is an artist, working with cameraless photographic processes, founder of The Sustainable Darkroom, Co-director of London Alternative Photography Collective and a facilitator of sustainability within the arts. Hannah Fletcher works with and researches the many intricate relationships between photographic and not-so photographic materials. Intertwining organic matter such as soils, algae, mushrooms and roots into photographic mediums and surfaces. Fletcher questions the life cycle and value of materials by incorporating waste from her studio and workshops back into the system of making. Working in an investigative, ritualistic and environmentally conscious manner, she combines scientific techniques with photographic processes, creating dialogue and fusions between the poetic and political.

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Image ©Hannah Fletcher



Sarah Fortais

Bio

[Dr Sarah Fortais](#) is a Canadian artist and researcher interested in bricolage: disassembling, repurposing, and modifying existing objects or ideas to generate new understanding. Fortais received a PhD in Fine Art from the Slade School of Fine Art (2018), where she built spacesuits for animals, borrowed NASA moon rocks, and created strategies to define what it means to call a person or thing 'cool'. Fortais also created an Apollo A5-L pressure suit from materials sourced from the streets of London and produced a performative mission series, including

'Voyageur' (with Nikolas Ventourakis) for, "Hors Pistes: La lune: Zone Imaginaire à Défendre", in the Centre Pompidou, Paris, France (2019). She received the Kenneth Armitage Sculpture Prize and the Westbury Arts Centre Graduate Residency, Milton Keynes, in 2016. Currently, Fortais is the Specialist Casting Technician for Central Saint Martins and the first Artist In Residence at the Centre for Outer Space Studies, UCL.

Abstract

Creating our way through crises: How can the arts and creativity address sustainability and tackle health and environmental inequalities? (Dr Rochelle Burgess, Dr Sarah Fortais, Dr Harold Offeh)

Image ©Sarah Fortais

Keynote: Dr Dryden Goodwin

Bio

Goodwin's work is defined by a rich dialogue between drawing, photography, film and sound. He has consistently focused on the human figure, questioning the portrait form. His work offers a speculative vision that considers the uncertain processes of looking and representing, both in relation to what is experienced and what is seen. Shown nationally and internationally including solo exhibitions at Quad, Derby; The Photographers' Gallery, London; Queen House, Royal Museums Greenwich, London; OCAT Xi'an, China and Hasselblad Foundation, Gothenburg, Sweden. Group exhibitions include Venice Biennale, Tate Modern, COCA, Christchurch, New Zealand, Wellcome Collection, London and Drawing Room, London, Public collections include MOMA, New York, Tate Collection, National Portrait Gallery, London and Science Museum, London. Projects in public space include Linear for Art on the Underground, London, Breathe and Breathe:2022 with Invisible Dust. He is a Professor at the Slade School of Fine Art, UCL.



Abstract

In 2012 Dryden Goodwin created *Breathe*, an animation of 100s of drawings of his 5-year-old son inhaling and exhaling, which was projected on the roof of St Thomas' Hospital opposite the Houses of Parliament. Ten years later, Goodwin has revisited the subject, for *Breathe:2022*. Six Londoners bear witness to the continued impact of air pollution – and the power of activism – through their bodies and breath. Goodwin, has made 100s of drawings of 6 residents and local activists from his home borough of Lewisham who are 'fighting for breath', urgently challenging and pushing for change to improve the quality of the air we breathe. Rosamund Adoo-Kissi-Debrah is one of those drawn, whose nine-year-old daughter Ella suffered a fatal asthma attack in 2013. Rosamund's campaigning achieved a landmark ruling, in which Ella became the first person in Britain to have air pollution listed as a cause of her death at her inquest. This multisite artwork, seen across London, including at the Wellcome Collection and on the Euston Road is concentrated on buildings and bridges close to the heavily polluted South Circular Road. Individual posters and zoetropic sequences are being shown until

December, culminating in November as an animation projected onto the Old Town Hall Catford.

Images all © Dryden Goodwin

Keynote: Dr Margo Greenwood, O.C.

Bio

Dr Margo Greenwood, Academic Leader of the National Collaborating Centre for Indigenous Health, is an Indigenous scholar of Cree ancestry with years of experience focused on the health and well-being of Indigenous children, families, and communities. She is also interim Scientific Director of CIHR's Institute of Indigenous Peoples' Health, and Professor in the School of Education at the University of Northern British Columbia. Dr. Greenwood has received numerous awards for her achievements in early childhood education and health policy, including the Queen's Jubilee medal (2002), BC Academic of the Year (2010), National Aboriginal Achievement Award for Education (2011.), and most recently, she was honoured to be appointed as an Officer of the Order of Canada (2021.)



Abstract

***Everything is in Relationship:
Arts, Humanities, Health, Anti-Colonialism, and Reckoning with the
Climate Catastrophe***

Colonial violence and imperialism are inextricably tethered to planetary destruction. The Indigenous and non-Indigenous artists, storytellers, scholars, activists, and healthcare researchers who are members of this panel take as a starting point that colonial violence and imperialism are present-day forces impacting both human and non-human worlds. With this in mind, we discuss our relationships with each other, which we argue is fundamental to new anti-colonial ways of knowing and being. We also discuss how our work has come to be taken up in medical education, healthcare professionalization, and in efforts to expand beyond biomedical modes of thinking about complex messy issues that include climate catastrophes, health disparities, and ecological destruction. We discuss and share stories about racism and coloniality, offering insights about how the (ongoing) colonial project of anti-Indigeneity (ecologically, geographically, socially, and culturally) has implications for the planet and for the health of every being who lives here. After a short 7-10 minutes presentation from each presenter, the session will provide an opportunity for open discussion.

Image: © Lisa Boivin, *Sharing Bioethics III*

Dhruv Gupta

Bio

Dr Dhruv Gupta is a Junior Doctor at Guy's and St Thomas' NHS Foundation Trust, with special interests in climate change and health, and medical education. He has previously worked with the Lancet Countdown on Health and Climate Change, the Centre for Sustainable Healthcare, Eco Medics, The Climate Club (a nonprofit organisation based in New York) and founded St George's Eco Society.

Abstract

Plastic Footprint: what can junior doctors and medical students do?

Many are aware of what carbon footprint means. However, plastic footprints are less commonly discussed, despite becoming an increasing presence during the COVID-19 pandemic, particularly from a healthcare perspective.

- 1) What does plastic footprint mean?
- 2) Why is it relevant in daily life and in healthcare?
- 3) What can junior doctors and medical students do about individual and institutional plastic footprints?



Keynote: Meg Hodgson

Bio

Meg Hodgson is a multi-faceted, queer performer based in London and Essex. They trained at Queen Mary UoL and Ecole Philippe Gaulier and have performed collaboratively within many kinds of performance including drag, immersive club performance and live art in the UK and internationally. They are also currently studying a BSc in Astronomy and Planetary Science. The intersection of science and art and its potential to provoke and inspire is something that they've been thinking deeply about for many years. They are currently collaborating with Professor Ilan Kelman to develop MOONFACE: a long-standing seed of a show about the new space race and its effect on climate activism and the collective human psyche.

Abstract

Climate Hope and Eco-Inspiration

It's time for science. Overcome catastrophism for realism through positive action. Art can be used to provoke engagement in those that have traditionally felt disempowered by science. Join us for a short extract from Hodgson's extraordinary new show 'Moonface' and interactive discussion, taking us into the future with hope.

Image: © Charley Williams

Kung Jaadee

Bio

Kung Jaadee, who has recently begun working in the field of medical education, is a Haida storyteller and the author of numerous children's books about Haida people, places, and cultures.



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Image: © Lisa Boivin, *Sharing Bioethics III*

Keynote: Prof Ilan Kelman

Bio

@ILANKELMAN is Professor of Disasters and Health at University College London, England and a Professor II at the University of Agder, Kristiansand, Norway. His overall research interest is linking disasters and health, integrating climate change into both. Three main areas are: (i) disaster diplomacy and health diplomacy <http://www.disasterdiplomacy.org>; (ii) island sustainability involving safe and healthy communities in isolated locations <http://www.islandvulnerability.org> ; and (iii) risk education for health and disasters <http://www.riskred.org>.



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Image: Using trash to grow garden food in Fernando de Noronha, Brazil, by Ilan Kelman. © Ilan Kelman

Ilan Kelman <http://www.ilankelman.org>

Keynote: Sarah de Leeuw

Bio

Sarah de Leeuw, a Canada Research Chair (Humanities and Health Inequities), is a poet and professor with the University of British Columbia's Northern Medical Program.

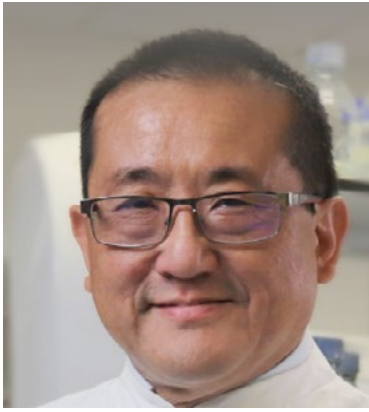


Abstract

Everything is in Relationship: Arts, Humanities, Health, Anti-Colonialism, and Reckoning with the Climate Catastrophe

Colonial violence and imperialism are inextricably tethered to planetary destruction. The Indigenous and non-Indigenous artists, storytellers, scholars, activists, and healthcare researchers who are members of this panel take as a starting point that colonial violence and imperialism are present-day forces impacting both human and non-human worlds. With this in mind, we discuss our relationships with each other, which we argue is fundamental to new anti-colonial ways of knowing and being. We also discuss how our work has come to be taken up in medical education, healthcare professionalization, and in efforts to expand beyond biomedical modes of thinking about complex messy issues that include climate catastrophes, health disparities, and ecological destruction. We discuss and share stories about racism and coloniality, offering insights about how the (ongoing) colonial project of anti-Indigeneity (ecologically, geographically, socially, and culturally) has implications for the planet and for the health of every being who lives here. After a short 7-10 minutes presentation from each presenter, the session will provide an opportunity for open discussion.

Image: © Lisa Boivin, *Sharing Bioethics III*



Keynote: Prof Julian Ma

Bio

Professor Julian Ma is the Hotung Chair of Molecular Immunology and Director of the Institute for Infection and Immunity at St. George's, University of London. He also holds honorary Consultant appointments in Oral Medicine at King's College London and in Infection and Immunity at St. George's University Hospitals, NHS Foundation Trust.

Julian graduated in dentistry at Guy's Hospital in 1983, and went on there to gain his PhD in immunology, studying topical anti-microbial immunotherapy in the mouth, using monoclonal antibodies. He was a post-doctoral fellow at The Scripps Research Institute, La Jolla, California in the laboratory which pioneered the expression of recombinant antibodies in genetically modified plants. He moved to St. George's in 2003 to explore the wider applications of plant biotechnology for global infectious diseases. His work focuses on infectious diseases that predominantly affect the poor in developing countries, including HIV, rabies, chikungunya, dengue, Ebola, TB and now SARS-CoV-2.

Abstract

The highs and lows of developing a disruptive technology for improving global health.

Julian K-C. Ma, Institute for Infection and Immunity, St. George's Hospital Medical School, Univ. of London, UK

The past 30 months demonstrated our unpreparedness for an outbreak of infection that was predicted for decades. Despite heroic efforts to address the global emergency by developing new medicines and vaccines, the pandemic has also exposed an ever-widening chasm between access to health in high and low-middle income countries. If we are ever to truly address global health, new paradigms for the pharmaceutical sector are urgently needed.

Molecular pharming - manufacturing recombinant pharmaceutical biologics using plants, was pioneered in the 1980s and offers important solutions to address global access to health. Sun, soil and water, along with agricultural know-how are all that would be needed to "grow" vaccines cheaply and at massive scale. The technology first broke through in 2014 when it provided the first effective treatment against Ebola virus during the outbreak in West Africa. Earlier this year, a plant-made COVID vaccine was approved for use in Canada and could provide millions of vaccines doses for low income countries. But why isn't Molecular Pharming making more headlines?

This talk will describe key selling points of molecular pharming, discuss how plant-derived biologics can make a difference and assess the opportunities for making a commercial and practical impact on global health. But it will also discuss the potent combination of industry reluctance to embrace new approaches, fall out from the anti-GM movement at the turn of the century and public distrust of science and large corporations that has been a notable barrier to the fulfilment of this technology.

Olwenn Martin

Bio

Olwenn Martin is an interdisciplinary scholar in environmental health and decision-making, and the lead for the Health and Environment pathway of the Bachelor of Arts and Science at UCL. She currently assists the European Environment Agency's activities supporting a zero-pollution ambition.

Abstract

Planetary health makes visible and tangible the interrelation between natural systems and human health and wellbeing, and addresses the determinants of key contemporary challenges to such wellbeing. Some, if not all these challenges, from drug-resistant infections to biodiversity loss and the climate emergency, are fuelled by cultural, socioeconomic and commercial, and political determinants; their solutions lie in policy, technology and radical social change. Multifaceted interventions to mitigate and solve these challenges are necessary. The paradigm for planetary health education is therefore transdisciplinary, reflected in emerging

planetary health education competencies and frameworks.

However, whilst competencies and content centred in traditional biomedical or environmental domains seem agreed upon, there is much less certainty about how best equip planetary health students with the necessary skills to operate proficiently in the political, economic, social, technical, legal and ethical arena (PESTLE) and mobilise knowledge towards the political decision-makers. Political skills, reflecting personal performance, situational awareness, interpersonal influence, science communication, influence on policy-related processes, and finally stakeholder engagement, are increasingly necessary for those involved in planetary health education, leadership, and practice.

This interactive online workshop will summarise planetary health education initiatives that aim beyond a scientific understanding of health and environmental, including the planetary health education framework and case studies, and supported by real-world examples of planetary health education programmes (from UCL, Brunel University London, Royal Holloway University of London) to facilitate reflection about how best incorporate PESTLE skills and medical humanities within planetary and global health.

Bridget McDonald

Abstract

Plastics - in me and around me

Artist Prof Christine Wertheim will present her work on The Midden and the crocheted Coral Reef, discussing the use of plastics and implications for healthcare and sustainability. Followed by short provocations from Dr Dhruv Gupta (Junior Doctor, Medical Student Liaison Officer at Eco Medics, and Scientific Content Writer at The Climate Club), asking ‘What can a medical student or junior doctor do about their Plastic Footprint?’ and Daniel Wilson, an NERC GW4+ DTP student within the Center for Geography and Environmental Science, using computer models to better understand how plastic pollution is transported around the Southern Ocean. Chaired by consultant neurologist, Dr Bridget McDonald, who will provide a health perspective and open out the conversation to an interactive discussion.

Sharon Morris

Bio

Prof Sharon Morris was born in west Wales and studied Painting and Fine Art Media at the Slade School of Fine Art, UCL, completing her PhD at the Slade in 2000. While teaching she also studied for an MA in psychoanalytic theory at Middlesex University, graduating in 1996.

As a visual artist, poet and theorist, she is fascinated by the relation between words and images, and her work is best described as cross-disciplinary.

Prof Morris has published two collections of poetry and an artist’s book of poems and images with Enitharmon Press and Editions. As part of her teaching at the Slade School of Fine Art, UCL, she set up the Slade Poetry Shed as an on-line resource for writing and writing workshops. She has also run poetry workshops for asylum seekers, including a series entitled ‘Mother and Other Tongues’, focussing on different languages.

Abstract

Open to write

This is a writing workshop designed to help you to start a piece of creative writing, with suggestions as to how to write into the blank page. We will be looking at a selection of short poems as examples of how poetry harnesses the power of language to bring together feelings and ideas. The writing exercises centre on prompts to enable you to write what you most want to say. You are welcome to write in more than one language and to include translations or not.



Harold Offeh

Bio

Harold Offeh is an artist working in a range of media including performance, video, photography, learning and social arts practice. Offeh is interested in the space created by the inhabiting or embodying of histories. He employs humour as a means to confront the viewer with historical narratives and contemporary culture. He has exhibited widely in the UK and internationally including Tate Britain and Tate Modern, South London Gallery, Turf Projects, London, Kettle's Yard, Cambridge, Wysing Art Centre, Studio Museum Harlem, New York, MAC VAL, France, Kunsthall Charlottenborg, Denmark and Art Tower Mito, Japan. He lives in Cambridge and works in London. He is currently a tutor in MA Contemporary Art Practice at the Royal College of Art, London.



Abstract

Creating our way through crises: How can the arts and creativity address sustainability and tackle health and environmental inequalities? With Dr Rochelle Burgess, Dr Sarah Fortais, Dr Harold Offeh.

Image 1: Installation view, Hospital Rooms, Harold Offeh Commission, Hauser & Wirth London, until 14 September 2022 © Hospital Rooms. Courtesy Hospital Rooms and Hauser & Wirth. Photo: Tim Bowditch

Image 2: Joy Inside Our Tears, video installation, Bodies in Motion exhibition at Konsthall C, Stockholm, Sweden 2022. Original commission, The Wellcome Collection.



Luke O'Shea

Bio

Luke O'Shea is Director of Innovation at University College London Hospitals NHS Foundation Trust, where he is also the Executive Lead for Sustainability. He has held a number of senior leadership roles in NHS England, including as Director of Clinical Policy and Operations (2017-19), Head of Quality Strategy (2016-17), and Head of Person Centred Care (2013-16). He was Harkness Fellow in Health Policy and Practice at University of California San Francisco in 2015-16, where his project involved a Comparison of Integrated Care Models to Support and Empower Vulnerable Patients in the US and UK. Prior to that he worked in a range of government departments including leading work on early year services at the Prime Minister's strategy unit, as a private secretary to a children's minister and leading cross government working on ageing.

Abstract

Nature, sustainability, and the future of the NHS

The NHS has committed to Net zero by 2040 for the emissions the NHS controls directly. Net zero is only one dimension of environmental sustainability, and Covid has highlighted a number of broader ways in which the NHS is struggling with sustainability, from staff burnout, to spiralling waiting times, and funding shortfalls. This session discusses what sustainability should mean as an ideal in healthcare, whether clinicians more than other citizens should be leading the fight against climate change, and whether conceptions of

medicine and health need to be reshaped in ways that foreground nature-based interventions.

Panellists: Dr Nick Watts (Chief Sustainability Officer, NHS); Luke O'Shea (Director of Innovation, UCLH), Dr Emily Baker (Lecturer in Comparative Literature and Latin American Studies, UCL), Prof James Wilson (Professor of Philosophy, UCL)

Keynote: Margot Parkes

Bio

Margot Parkes is a former physician from Aotearoa/New Zealand who, after having been a Canada Research Chair in Health, Ecosystems and Society, now co-leads the Environment, Community, Health Observatory (ECHO) Network out of Lheidli T'enneh territory.



Abstract

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Image © Lisa Boivin, *Sharing Bioethics III*

Dhanraj Persaud

Bio

Dhanraj began his training at the age of 14 under the tutelage of Pandit Rajkumar Misra. In keeping with the lineage of his Guru, Dhanraj follows the playing style of the Jaipur and Farukhabad gharanas of tabla. Not only is Dhanraj an accomplished tabla player but also an experienced vocalist, currently receiving training from Vidushi Chandrima Misra of the Kasur-Patiala gharana. Dhanraj has performed extensively around the UK and is fast becoming a much sought after performer within the Indian classical music scene in this country.

Abstract

Tabla, Rhythms and The Therapeutic Elements of Indian Classical Music

A look at the Classical music of the Indian subcontinent, through the lens of ancient Indian philosophies, exploring the connection between music and mental health, as well as examining the holistic approach to life and well-being contained within these ancient wisdoms. The session will also contain an interactive activity, where audience members will be encouraged to participate in learning and clapping some basic Indian rhythms'



Anusha Subramanyam

Bio

Anusha Subramanyam is artistic director of [Beeja](#). She is a thought leader, an inspiring performer, dance maker and teacher who has focused on integrating dance, education, and somatic and contemplative practices into her work. She developed her dance practice in a wide range of settings – from formal stage to venues as varied as hospitals, village halls, museums and even London Underground stations. Anusha has taught people with a range of backgrounds, abilities and experience. Her main aim in her teaching is to expand the understanding of dance to help students create their own practice and enjoy dancing. Along with her partner Vipul Sangoi, she curates events such as the Dance Festival Croydon and Croydon International Mela. She has received numerous awards for her work including the Asian Women Achievement Award in Culture, 2011 presented by

IWA, UK and 'Nriya Acharya Ratna' by Milapfest, for 2017. Since 2019, she has also been running movement workshops for healthcare students at St George's, University of London.

Abstract

In a period where we are all glued to our screens, this workshop offers an opportunity to recharge and refresh your mind and your body. The workshop will encourage participants to find and explore their own possibilities of movement, through building awareness of sensations within the body and exploring improvised movement and the use of breath. Elements of Indian dance, yoga and somatic practice will be incorporated into the session, highlighting the value of movement to health promotion and well-being. All welcome. No experience of dance or movement necessary.

Angela Hodgson-Teall (in collaboration with Angie Brew)

Part I: Families and Nature exhibition celebrates life

Families and Nature was conceived to celebrate the life of an elderly mother, who died in a wonderful care home in Cambridge, six months after developing Covid infection. Artist and curator Angela Hodgson-Teall invited members of her art communities, including Newlyn Art Gallery in Penzance, University of the Arts London, fellow dog-walker and member of the Chinoke orchestra and finally a writer and Professor Emeritis of Surgery, to exhibit with her. Eleven artists with interests in art, health and well-being worked together for an exhibition at Morvah Schoolhouse Gallery, on the stunning coast road between St Just and St Ives in West Cornwall¹. Families and Nature explored the close ties between people and other animals, in diverse biological and cultural settings stretching from Canada to beyond Cornwall. Books, drawings, paintings, prints, pottery and rag brooches, inspired by rich land and seascapes from studios, homes, farms, medical and musical environments, demonstrate the rhythms and sustainability in our lives.

You are invited to draw during the talk. This may be a beneficial warm-up exercise for the workshop (Part II). No obligation to take part. No experience necessary.



Part II: Workshop - Join the Two Angelas on a journey with humming birds who migrate from Central to North America and back

Environmentalist, Artist and Researcher, Angela Brew, one of the founders of Thinking Through Drawing², will lead a Workshop about Humming bird migrations and how they have shifted in response to the complex impact of climate change. There will be an opportunity to draw these and other birds shown at Morvah, during the workshop.

Also...Angela Brew is now on a quest to draw all the migrating birds in the world. She will talk about this during the workshop. Please feel free to bring and work on photographs and drawings of any migrating birds which interest you.

<https://www.allaboutbirds.org/news/take-the-long-way-home-green-wave-explains-bird-migration-routes/>
https://www.hummingbirdcentral.com/hummingbird-fall-southward-migration.htm?fbclid=IwAR3h1-cgtu2JHMBEe1tbVVTefj9iwZi7IVmfkbXw_WzotwKl7c379nCHh4I

Image ©Angie Brew



India Mayhook-Walker

Bio

India is a 4th year medical student at the University of Sheffield. India completed an intercalated BSc in Remote Medicine last year at Imperial College London and took the Diploma in the Philosophy of Medicine at the Society of Apothecaries in 2021. India is currently the medical student committee member for the Faculty of History and Philosophy of Medicine at the Society of Apothecaries. She has an interest in philosophy and ethics, as well as Orthopaedic Surgery. I am currently working on a new edition of a textbook in Ethics and Law. In my free time I enjoy hiking in the Peak District and fencing.

Keynote: Nick Watts

Bio

Dr Nick Watts is the Chief Sustainability Officer of the NHS, responsible for its commitment to deliver a world-class net zero emission health service. Based in London, he leads the Greener NHS team across the country, which focuses on improving the health of patients and the public through a robust and accelerated response to climate change and the broader sustainability agenda.

Nick is a medical doctor licensed in Australia and the UK, and has trained population health and public policy. He is a Member by Distinction of the Royal College of Physicians' Faculty of Public Health, and an Honorary Associate Professor of University College London's Institute for Global Health.

Prior to the National Health Service, Nick worked internationally as the Executive Director of the Lancet Countdown and the Lancet Commission on Health and Climate Change, a collaboration of UN agencies and academic centres across the world. He has also focused on engaging the health profession on the links between public health and climate change, having founded both the Global Climate and Health Alliance and the UK Health Alliance on Climate Change.

Abstract

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Panellists: Dr Nick Watts (Chief Sustainability Officer, NHS); Luke O'Shea (Director of Innovation, UCLH), Dr Emily Baker (Lecturer in Comparative Literature and Latin American Studies, UCL), Prof James Wilson (Professor of Philosophy, UCL).



Keynote: Dr Christine Wertheim

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Plastics - in me and around me

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Image: © Christine Wertheim



Daniel Wilson

Bio

Daniel Wilson is a PhD student within the University of Exeter's Center for Geography and Environmental Science. His PhD Project uses computer models to better understand how plastic pollution is transported around the Southern Ocean and the role that sea ice, waves, eddies and ocean currents play in this transport. Outside of this project he has previously carried out fieldwork to describe the distribution of microplastic pollution on beaches in the Bristol Channel. He has also recently participated in a research cruise to understand the distribution of plastics in the European Shelf Sea region.

Twitter @polarplasticdan

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Prof James Wilson

Bio

James Wilson is Professor of Philosophy at University College London, where he is also Co-Director of the Health Humanities Centre. He has published widely on public health ethics, the philosophy of public policy, and on the ownership and governance of ideas and information. His research uses philosophy to help resolve practical problems, and uses practical problems to investigate gaps and weaknesses in existing philosophical theories. His book *Philosophy for Public Health and Public Policy: Beyond the Neglectful State* was published in 2021 by Oxford University Press. He provides ethics advice

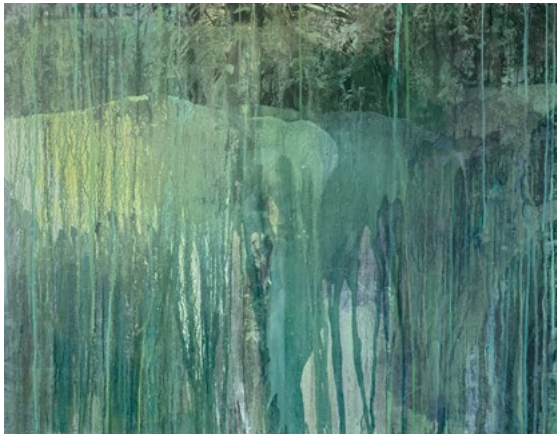
to a range of public sector organisations in the UK, including as a member of the National Data Guardian's Panel. He is an Associate Editor at the journal MIND.

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Lucie Winterson

Bio

Lucie Winterson is an artist and teacher interested in the relationship between humans and 'Nature' through art practice in the ecological crisis. She is undertaking practice based PhD research at the University of the Arts, London where her field of study is the site of a coastal waterfall in North Devon. Her art practice consists of painting, photography and film exploring ways to reconfigure relations with the natural world from a phenomenological and new animist perspective giving new relevance to the idea of human poesis. She sees the poetic,

or poesis as a potential meeting point and locus for dialogues between the human and more than human world. She has taught Watercolour for 20 years at the Mary Ward Adult Education Centre, London and since lock down has developed an independent teaching practice online. She lives and works in London and Devon.

Abstract

Flow: Painting workshop using earth and drawing ink:

Exploring how flow in materials can echo flow and release in the body

Having spent years as a teacher of watercolour, Winterson has noticed that engaging with water flow in materials has an impact on students that is more than aesthetic. It appears on occasion to echo sensations in the body triggering a sense of flow and release with potential therapeutic effects. The materials you will need are:

- Papers - thick cartridge or watercolour, cut or torn to around A5 size. Any format.
- Drawing ink.

- Earth - dig from the ground, it needs to be mud like. Soil from gardening bags of compost won't work.
- String - a 3 inch piece of string, (basic white cotton string is best. It must be natural fibre).
- Water
- A tray or other container for water for dipping. At least A4 size.
- A brush for guiding ink, or even better, pipettes.
- PVA glue for binding or if avoiding plastic, some eggs (I will be demo-ing with egg)

Image © Lucie Winterson