DAY 1: WEDNESDAY 3 JULY

9:00am – Registration open, complimentary tea and coffee

9:30am – Welcome to Country and Opening Keynote

50 Shades of Grey matter
Prof Cordelia Fine (University of Melbourne)

11:00am – Session 1 & 2

**Session 1: Immunity**
Chair: Emma Kowal (Deakin)

- Will Smith (Deakin)
  Mass-immunisation and the ‘anti-development’ state

- Roberta Pala (UNSW)
  Posthuman bodies and vaccine research

- Kari Lancaster (UNSW)
  ‘The race to elimination’: Critical analysis of target-setting in the hepatitis C elimination era

- Courtney Hempton (Monash)
  Mortal freedom? Life, death, and lawful ‘voluntary assisted dying’

**Session 2: Community**
Chair: Michaela Spencer (CDU)

- Jennifer MacDonald (CDU)
  Evaluating healthy country with new technologies

- Patrick Bonney (Federation)
  Citizen science: data drones or empowered communities?

- Adrian Lucas-Healey (RMIT)
  Cultural probes in online communities

- Owen McNamara (ANU)
  Thinking ecologically: popular challenges to science in the Anthropocene

- Matthew Joseph (USyd)
  Open borders: why now?

12:00pm – Lunch

1:00pm – Workshop 1 & 2

**Workshop 1:**
Communicating your research beyond the academic sphere with Sarah Hayes

**Workshop 2:**
Podcasting with Timothy Neale and The Familiar Strange

3:00pm – Break
### 3:15pm – Session 3 & 4

**Session 3: Creative**  
**Chair:** Gemma Smart (USyd)  
- Gemma Killen (ANU)  
  Feminism, creative methods, and Digital Research  
- EJ Shu (Deakin)  
  Poetry and the science archives  
- Emma Schuberg Barnes (CDU)  
  Performance ethnography in BODYTANK  
- Shelley Hannigan (Deakin)  
  A broad use of art: designing curriculum, teaching and researching in interdisciplinary, school-based education

**Session 4: Infrastructure**  
**Chair:** Kari Lancaster (UNSW)  
- Cathy Bow (CDU)  
  Indigenous languages and digital knowledge infrastructure  
- Matthew Campbell (CDU)  
  ‘The organisation’ in Northern Australia  
- Lydia Schofield (UTas)  
  Numbers in management and conservation  
- Jocelyn Bosse (UQ)  
  The Kakadu plum supply chain

### 4:15pm – Session 5 & 6

**Session 5: Elemental**  
**Chair:** Timothy Neale (Deakin)  
- Matt Barlow (Uni Adelaide)  
  Waste and management in the anthropocene  
- Kirsty Howey (USYD)  
  Aggregates – or ‘how is a gravel pit like a uranium mine’?  
- Susanne Ferwerda (UTas)  
  Blue Materialisms. Knee-deep in Rising Waters, Who is Listening?  
- Michaela Spencer and Yasunori Hayashi (CDU)  
  Asymmetries and Climate Futures: Working with Waters on Milingimbi Island

**Session 6: Code**  
**Chair:** Thao Phan (Deakin)  
- Fan Yang (Deakin)  
  Codeconomy and surveillance in China’s mobile environment  
- Sophie Freeman (UniMelb)  
  Reverse-engineering the Spotify music recommendation system  
- Elsher Lawson-Boyd (Deakin)  
  The epigenetic moment: doing interdisciplinarity in a ‘postgenomic’ era  
- Claire Black (Auckland)  
  Social media and LGBTQ youth
## DAY 2: THURSDAY 4 JULY

### 10:00am – Session 7 & 8

**Session 7: Care**  
Chair: J.R. Latham (Deakin)
- Piotr Maron, Martyna Gliniecka (UNSW)  
  Good care and bipolar disorder
- Harsha Chandir (Deakin)  
  Assessing global competencies
- kerry Price (ANU)  
  Provocation as care-work: camp-ing research in the academy
- Pip Henderson (Flinders)  
  Decolonising practices in research

**Session 8: Evidence**  
Chair: Gemma Smart (USyd)
- Anne Fredrickson (UNSW)  
  ‘Evidence-making of biomedical promise: critically analysing innovative health intervention implementation’
- Amanda Lawrence (RMIT)  
  Beyond the journal: the changing nature of research publishing in the digital age
- Victoria Loblay (USyd)  
  Ethnographic stories as data
- Jorge Piaia Mendonca Junior (Latrobe)  
  When altruism is no longer altruistic

### 11:00am – Session 9 & 10

**Session 9: Climate**  
Chair: Michaela Spencer (CDU)
- Wendy Li (UniMelb)  
  Making sense of youth climate activism: not only how but also why
- Blanche Verlie (RMIT)  
  Climate as entanglement: Restorying climate (science) as a more-than-human doing
- Jason Major (Deakin, Monash)  
  How do we tap and facilitate communication of the knowledge from the farmer citizen scientist?
- Emma Ramsay (Monash)  
  Remote sensed data and sustainable development

**Session 10: Narrative**  
Chair: Timothy Neale (Deakin)
- Lizzie Maughan (Flinders)  
  Early childhood education and master narratives of gender
- Declan Kuch (UNSW)  
  What’s magic about the ‘Magic Bullet’? Rethinking modernity and drug development
- Barbara Bok (Swinburne)  
  Anticipatory practices for responsible foresight
- Leonie Norrington (CDU)  
  Deep time fiction

### 12:00pm – Lunch

### 1:00pm – Keynote Conversation

**Transgenerational Politics, Solidarity and Justice-to-Come**  
Jack Halberstam (Columbia University) and J.R Latham (Deakin University)
2:00pm  –  Session 11 & 12

**Session 11: Pathology**
**Chair:** Kari Lancaster (UNSW)

- Gemma Lucy Smart (USYD)  
  (Internet) Gaming Disorder Pwned: why an interdisciplinary approach is the only option
- Alexander Periera (USYD)  
  Classification and the DSM
- Isabel Mudford (ANU)  
  Constituting LGBTIQ health in a “post-AIDS” context
- Gemma Nourse (NDRI)  
  Gender, masculinity and performance enhancing drugs

**Session 12: Binary**
**Chair:** Thao Phan (Deakin)

- Erin K Stapleton (UniMelb)  
  The Digitalisation of Difference
- Benjamin Hegarty (UniMelb)  
  The Pornographic Gaze and Media Populism: Gender Nonconformity in Postauthoritarian Indonesia
- Emma Atherton (MIT)  
  Techno-queer
- Jianni Tien (UTS)  
  New media art and technogenesis
- Tate McAllister  
  Man Made: Technologies of trans masculinities

3:00pm  –  Break

3:15pm  –  Workshop 3 & 4

**Workshop 3:**
Science Gallery: Intersections of art and science with Niels Wouters and Ryan Jefferies

**Workshop 4:**
Studying up, down, slow, and fast with Kari Lancaster and Declan Kuch

5:30pm  –  Plublic Keynote

**Animal Anarchy and The Secret Life of Pets**
Jack Halberstam (Columbia University)
### DAY 3: FRIDAY 5 JULY

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>9:45am</td>
<td><strong>Workshop 5</strong>: Film and Political Possibility</td>
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<tr>
<td><strong>VENUE</strong>: Palace Kino Cinemas</td>
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<td></td>
<td><strong>Film screening:</strong> Mermaids, or Aiden in Wonderland (2018)</td>
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<td>MyMy (2014)</td>
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<td><strong>Panel discussants:</strong> Tess Lea, University of Sydney</td>
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<td>Anna Helme, University of Melbourne</td>
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<td></td>
<td>Sean Redmond, Deakin University</td>
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<tr>
<td>11:45am</td>
<td>No lunch provided today</td>
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<tr>
<td>1:00pm</td>
<td><strong>Melbourne Museum Creative Challenge</strong></td>
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<td><strong>VENUE</strong>: Melbourne Museum, 11 Nicholson st, Carlton</td>
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<td></td>
<td>With tour of ‘Gut Feelings’ exhibition and afternoon tea</td>
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<tr>
<td>6:00pm</td>
<td>Break</td>
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<tr>
<td>7:30pm</td>
<td><strong>End of workshop social drinks</strong></td>
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<tr>
<td><strong>VENUE</strong>: Nocturnal, Melbourne Museum, 11 Nicholson st, Carlton</td>
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KEYNOTE EVENTS

Wednesday 3 July 9:30am

Opening Keynote: 50 Shades of Grey Matter
Cordelia Fine (University of Melbourne)

Abstract:
On the battlefield of the science of sex differences, three accusations are often slung at those who critique the science from a feminist perspective: ‘Denies Sex Differences’; ‘Puts Politics Before Evidence’; and ‘Confuses Equality with Similarity’. Each reflects the importance of making the tools of the humanities more visible in scientific debate, and emphasises the question of how academics can best conduct and support productive disagreement.

Bio:
Professor Cordelia Fine is a psychologist in the History & Philosophy of Science programme at the University of Melbourne. She is the author of A Mind of its Own, Delusions of Gender (a Guardian and London Evening Standard book of the year and a Washington Post non-fiction Book of the year) and Testosterone Rex (winner of the Royal Society Insight Investment Science Book Prize 2017), and was the recipient of the 2018 Edinburgh Medal, a prestigious award that recognises scientists who have excelled in their field and contributed significantly to our understanding of humanity. She has written on gender bias in science in publications including Science, Lancet, Scientific American and the New York Times.

Thursday 4 July 1:00pm

Keynote Conversation: Transgenerational Politics, Solidarity and Justice-to-Come
Jack Halberstam (Columbia University) and J.R. Latham (Deakin University)

Abstract:
Join Professor Jack Halberstam and Dr J.R. Latham in conversation on trans* politics, history and the future of gender. In the new landscapes of power and domination that are emerging at the beginning of the shift from the neoliberal mechanics of inclusion to the post-democratic policies of violent exclusion and the enforcement of homogeneity, we need to situate sexual and gender minorities carefully rather than claiming any predetermined status of precarity or power. As Halberstam has put it: “Changing sex for me and for many people my age was a fantasy, a dream, and because it had nothing to do with our realities, we had to work around this impossibility and create a home for ourselves in bodies that were not comfortable or right.” How far have we come and what new possibilities are making new trans* politics? Latham’s work, for example, argues not simply that trans* people are “real,” but that the concept of reality itself requires an update thanks to the expanded gender norms that have resulted from a newly visible trans* community.

Bio
Jack Halberstam is Professor of Gender Studies and English at Columbia University. Halberstam is the author of five books including: Skin Shows: Gothic Horror and the Technology of Monsters (Duke UP, 1995), Female Masculinity (Duke UP, 1998), In A Queer Time and Place (NYU Press, 2005), The Queer Art of Failure (Duke UP, 2011), Gaga Feminism: Sex, Gender, and the End of Normal (Beacon Press, 2012), and Trans*: A Quick and Dirty Account of Gender Variability (Oakland: University of California Press, 2018) and has written articles that have appeared in numerous journals, magazines and collections.

Dr J.R. Latham is an Alfred Deakin Postdoctoral Research Fellow at Deakin University, and Honorary Fellow in Cultural Studies at the University of Melbourne, Australia. He does research in Transgender Medicine, Feminist Philosophy, Plastic Surgery, Psychiatry, Narrative and Science and Technology Studies (STS).
**Thursday 4 July 5:30pm**

**Public Keynote: Animal Anarchy and The Secret Life of Pets**
Jack Halberstam (Columbia University)

» This keynote event is open as a public lecture. Members of the public MUST register to attend. AusSTS workshop participants are automatically registered: [http://aussts-halbertsam-lecture.eventbrite.com.au](http://aussts-halbertsam-lecture.eventbrite.com.au)

**Abstract:**
In this meditation on wildness and wild things we orient towards thinking about animal worlds, underground domains in which existence is organized otherwise and according to other logics, territories where blind creatures engage in haptic forms of knowing, sensing, being. I want to lay out the stakes of the wild, build an understanding of what we might ask of animals and then conclude with thoughts on animal resistance to human management – animal anarchy here names a wild politics not scripted to the rhythms of conventional activism, not centered on a human actor and not oriented to change in any conventional way. The piece as a whole asks whether animals have already imagined the end of the human?

**Bio:**
Jack Halberstam is Professor of Gender Studies and English at Columbia University. Halberstam is the author of five books including: Skin Shows: Gothic Horror and the Technology of Monsters (Duke UP, 1995), Female Masculinity (Duke UP, 1998), In A Queer Time and Place (NYU Press, 2005), The Queer Art of Failure (Duke UP, 2011), Gaga Feminism: Sex, Gender, and the End of Normal (Beacon Press, 2012), and Trans*: A Quick and Dirty Account of Gender Variability (Oakland: University of California Press, 2018) and has written articles that have appeared in numerous journals, magazines and collections.

**WORKSHOPS AND CREATIVE CHALLENGES**

**Wednesday 3 July 3:15pm**

**Workshop 1: Communicating your research beyond the academic sphere**
Dr Sarah Hayes (Deakin University)

As an academic you spend a lot of time mastering an academic style of communication rich in jargon, theory and authority. However, modern academia increasingly demands that you communicate well with broad and general audiences. So how do you make the switch?

This workshop will cover:
• Hooks, narrative, style and voice for non-fiction writing;
• Preparing for and conducting a great interview;
• Social media as a platform to get started and practice your new voice;
• Pitching and putting yourself out there; and
• Why bother? Or what are the benefits?
**Workshop 2: Podcasting**
**Dr Timothy Neale (Deakin University) and The Familiar Strange (ANU)**

In this workshop, we will discuss the whys and hows of academic podcasting. We will talk about the joys and possibilities of this new genre of public scholarship, describe some of the basics of podcast production and dissemination, answer questions, and give the podcast-curious a chance to interact with the equipment and platforms commonly used in podcasting.

**Workshop 3: Science Gallery: Intersections of art and science**
**Dr Niels Wouters and Dr Ryan Jefferies (Science Gallery Melbourne)**

The Science Gallery Melbourne team will take participants on an interactive journey through the intersection of arts and science. We will discuss the practical endeavours of the Science Gallery International Network in this realm and subsequently break out into collaborative workshops. Participants will be placed right at the centre of a bold and thought-provoking art and science experience. Their encounter will enable a rich discussion about a range of themes, such as consent, AI, gender, participation and the role of cultural organisations in facilitating these discussions. Subsequently we will facilitate a dialogue about the language of art and science, inviting scientific and artistic feedback from participants on a range of curated works for Science Gallery Melbourne’s upcoming exhibition DISPOSABLE.

**Workshop 4: Studying up, down, slow, and fast**
**Dr Kari Lancaster (UNSW) and Dr Declan Kuch (UNSW)**

Every pressing problem these days seems to require some kind of teamwork where social scientists are inevitably included. The energy transition from fossil fuels to renewables, obesity, the opioid crisis, nanomedicine, targeted advertising, extinction studies, and climate migration have all seen multi- and inter-disciplinary collaboration, embedded ethnography, design thinking, customer journey mapping, and reflexivity take sociologists, geographers and anthropologists into new settings. This workshop aims to understand how spatial and temporal metaphors can help us make sense of these new dynamics, and the ethico-political and methodological complexities of doing this work. Is social science perpetually destined to be an afterthought to technocratic solutions like statins, wind farms and nanotherapeutics? If so, what affordances come with such a subject position? Drawing on experiences working in large interdisciplinary teams, we consider the ideas of ‘studying up’ and ‘studying down’ in a number of settings.
**Workshop 5: Film and Political Possibility**

**VENUE:** Palace Kino Cinemas, 45 Collins Street, Melbourne

» This workshop requires separate registration. Use the Eventbrite link [http://ausstsfilmworkshop.eventbrite.com.au](http://ausstsfilmworkshop.eventbrite.com.au)

Film is full of radical political possibility. From gender politics, land rights and sovereignty, to climate change and the advent of biotechnologies, film makers have been unafraid to address these critical and contentious issues. Indeed, as a medium, artform and practice, film has created vital space for story-telling to emerge from the margins. This workshop aims to explore the political potential of film and to kindle collaborative relations between emerging filmmakers and academics.

This workshop asks: how can complex ideas, histories and experiences be communicated creatively and respectfully through film-making? Drawing from these three compelling short films we will open a discussion about the ways in which film is used to communicate and politicise various ideas in imaginative and experimental ways. This will include a focus on the elements of filmmaking (use of genre, character construction, visual representation etc) and how they work together to guide and provoke various audiences.

**Film Screenings:**

» **Mermaids, or Aiden in Wonderland (2018)**
  dir. The Karrabing Collective

» **MyMy (2014)**
  dir. Anna Helme

**Panel Discussants:**

» **Tess Lea**
  Associate Professor of Anthropology at University of Sydney and collaborator Karrabing Film Collective

» **Anna Helme**
  doctoral research at VCA School of Fine Arts and Music and queer moving image maker

» **Sean Redmond**
  Professor of Screen and Design at Deakin University

**Friday 5 July 1:00pm**

**Melbourne Museum Creative Challenge**

**VENUE:** Melbourne Museum, 11 Nicholson st, Carlton

In this unique workshop, AusSTS workshop participants will be collaborating with staff and curators at Melbourne Museum to respond to a real-world public communication challenge. We will be meeting onsite at Melbourne Museum and will work in groups to respond to a question/theme set by museum staff. The event includes tour of the ‘Gut Feelings’ exhibition.
END OF WORKSHOP SOCIAL DRINKS

**Friday 5 July 7:30pm**

**Nocturnal**

**VENUE:** Melbourne Museum, 11 Nicholson st, Carlton

Celebrate the AusSTS Interdisciplinary Workshop with drinks at Melbourne Museum’s monthly live music event *Nocturnal*. Featuring food trucks, live music, and bar. See some of Melbourne’s best local artists and explore the galleries after hours.

All AusSTS workshop participants receive a complimentary ticket to *Nocturnal* (usual price $37). Friends, family, colleagues etc are welcome to join but will need to purchase their own tickets from the Museum website: [http://museumsvictoria.com.au/melbournemuseum/whats-on/nocturnal/](http://museumsvictoria.com.au/melbournemuseum/whats-on/nocturnal/)

WORKSHOP SPONSORS

- Deakin University Science and Society Network
- UNSW Environmental Humanities
- Charles Darwin University Northern Institute
- ANU Centre for the Public Awareness of Science
- University of Sydney School of History and Philosophy of Science
- Australasian Association of the History and Philosophy of Science
- Anthropocene Campus Melbourne
- Melbourne Museum