

Sunday June 30

12.30pm Registration Desk Opens

2.00pm **Glyn Davis Theatre, MSD**

Plenary Addresses
Glyn Davis Theatre, MSD

Chair: Phil Batterham

2.00-
2.45pm *Sex Genes, Sox Genes, Blue Genes, New Genes*
Andrew Sinclair

2.45-
3.30pm *Malaria, Maths, and Population Genomics of Variant Antigen Genes*
Karen Day

3.30-
3.45pm *Broadly conserved, finely diverged: Genetic and genomic architecture of eucalypts*
Jakob Butler (D.G. Catcheside Prize Winner; University of Tasmania)

3.45-
4.15pm **Afternoon Tea**

4.15-
5.00pm *RNA binding protein functions in the zebrafish germline*
Florence Marlow (Mt Sinai School of Medicine, NY)

5.00-
5.45pm *Landscape genomics and the evolutionary management of wildlife*
Luciano Beheregaray (Flinders University)

**6.00-
7.30pm MIXER**
Ida Bar, Union House

Monday July 1

Plenary Addresses Glyn Davis Theatre, MSD

Chair: Coral Warr, GSA President

8.30-
9.15am

Fly-to-Bedside
Ross Cagan

9.15-
9.30am

Introduction: Genome Alliance in Australasia
Dave Burt

9.30-
10.00am

Genomics Aotearoa (GA) – A Collaborative Platform for Genomics & Bioinformatics
Peter Dearden

10.00-
10.45am

Coffee Break
Union Hall

10.30-
5.45pm

GAIA Symposium
Glyn Davis Theatre, MSD

Symposium 1A - Model Organisms and Human Disease Singapore Theatre, MSD

Chair: Gary Hime

10.45-
11.15am

The Australian Functional Genomics Network: “matching-making” resulting in faster translation of new genetic findings
Andrew Sinclair

11.15-
11.30am

Genetic compensation triggered by actin mutation prevents the muscle damage caused by loss of actin protein
Tamar Sztal

11.30-
11.45am

Dissecting UBA5 dysfunction in nervous system disorders using the zebrafish
Rita Serrano

11.45-
Noon

Long term impacts of endocrine disruptors on male reproductive health
Deidre Mattiske

Noon-
12.15pm

The impact of complex life cycles and differential selection on the transmission of drug resistance in vector-borne, eukaryotic parasites
Christopher Goodman

12.15-
12.30pm

Intracellular chloride ion transport in endolysosomal function
Richard Burke

12.30-
12.45pm *WNT vampirization by glioblastoma promotes JNK/MMPs positive feedback loop to mediate glioma progression and neurodegeneration*
Marta Portela Esteban

**12.45-
1.45pm** **Lunch**
Union Hall

Symposium 2A - Evolution and Development
Singapore Theatre, MSD

Chair: Maja Adamska

1.45
2.15pm *Muscles and fins: Stem cell action and regulation in growth and pattern throughout evolution*
Peter Currie

2.15-
2.30pm *Regulation of gene expression during initial injury response in the calcareous sponge *Sycon capricorn**
Cüneyt Caglar

2.30-
2.45pm *Genomic hijacking - how parasitic worms manipulate their hosts*
Eddy Dowle

2.45-
3.00pm *Novel maternal-fetal interaction as a driver for the evolution of the placenta*
Oliver Griffith

3.00-
3.15pm *Does a conserved molecular network orchestrate female-male sex change in wrasses?*
Erica Todd

3.15-
3.30pm *Awakening the dunnart genome*
Stephen Frankenberg

Symposium 2B - Gene Regulation and Epigenetics
Malaysian Theatre, MSD

Chair: Sheri Johnson

1.45
2.15pm *Editing in natural regulatory mutations to treat inherited blood disorders*
Merlin Crossley

2.15-
2.30pm **Smchd1* is a maternal effect gene required for autosomal imprinting and imprinted X inactivation*
Iromi Wanigasuriya

2.30-
2.45pm *Silencing of *BRCA1* by Methylation Predicts Response to PARP Inhibitor Therapy in High Grade Serous Ovarian Cancer*
Matthew Wakefield

2.45-
3.00pm *It's in your head: how echoes of the past shape future progeny*
Alexandria Ragsdale

3.00-
3.15pm *Genetic influence on epigenetic marks: Unique DNA methylation profiles are associated with cis-variation in honey bees*
Emily Remnant

3.15-
3.30pm *A novel antisense non-coding transcript on MEST gene locus in a marsupial, the tammar wallaby*
Teruhito Ishihara

Symposium 2C – Population & Ecological Genetics (1)
Medley Theatre, Raymond Priestley Building

Chair: TBA

1.45-
2.00pm *Developments in our understanding of evolutionary origins and biogeographic patterns of Arctic marine forests as revealed by genetic data*
Trevor Bringloe

2.00-
2.15pm *Genomic analysis reveals strong population structure in the Giant Sydney Crayfish (*Euastacus spinifer*)*
Cara Van Der Wal

2.15-
2.30pm *Genomic architecture of inbreeding in all living adults of the critically endangered kākāpō parrot (*Strigops habroptilus*)*
Yasmin Foster

2.30-
2.45pm *Looking like the locals - gut microbiome changes post-release in an endangered species*
Rowena Chong

2.45-
3.00pm *Dispersal Capabilities of Hog Deer (*Axis porcinus*) in Victoria, Australia as Inferred by Kinship Analysis, and its Effects on Culling Success in Wilsons Promontory National Park*
Erin Hill

3.00-
3.15pm *Investigating Alu insertions in diverse populations*
Renzo Balboa

3.15-
3.30pm Genetic diversity, inbreeding and cancer
Beata Ujvari

3.30-
4.00pm **Afternoon Tea**
Union Hall

Symposium 3A – Developmental & Cellular Genetics (1)
Singapore Theatre, MSD

Chair: Mike Haydon

4.00-
4.30pm

*Defining the genetic and developmental basis of human
lymphatic vascular disease*
Natasha Harvey

4.30-
4.45pm

*Cell polarity tumour suppressors in signalling pathway regulation and
Ras-driven tumourigenesis*
Helena Richardson

4.45-
5.00pm

*Knockdown of a Netrin receptor, Neogenin1 in human colorectal cancer
cells causes a partial EMT and a general wound healing response*
Vishal Chaturvedi

5.00-
5.30pm

*Conservation of interaction of TALE class HD KNOX and BELL in
the alternation of generations in Marchantia polymorpha*
John Bowman

**Symposium 3B – Complex Traits
Malaysian Theatre, MSD**

Chair: Alex Fournier-Level

4.00-
4.30pm

*Using single cell DNA-seq to decipher neurodegenerative disease
mechanisms*
Justin Rubio

4.30-
5.00pm

*Substantial sex differences in recombination in a threatened passerine
with high levels of sexual conflict*
Anna Santure

5.00-
5.15pm

The genomics of cognition
Claire Wade

5.15-
5.30pm

*Predictive and Aetiological Significance of Extreme Polygenic Risk
Strata in a Coeliac Disease GWAS*
Adam Kowalczyk

Symposium 3C – Population and Ecological Genetics (2)
Medley Theatre, Raymond Priestley Building

Chair: Emily Remnant

- 4.00-
4.15pm *Predicting herbicide resistance using pool sequencing data in Annual Ryegrass (*Lolium rigidum*)*
Jefferson Paril
- 4.15-
4.30pm *A meta-analysis of insecticide resistance association studies in *Drosophila melanogaster**
Paul Battlay
- 4.30-
4.45pm *Contrasting patterns of genetic structure between sympatric Indo Pacific populations of the invasive mosquitoes *Aedes aegypti* and *Aedes albopictus**
Thomas Schmidt
- 4.45-
5.00pm *X-linked and sex-linked selection during a climate mediated range expansion in a damselfly*
CJ Yong
- 5.00-
5.15pm *Mitochondrial ROS is a White-Knight trait in *Drosophila**
Samuel Towarnicki
- 5.15-
5.30pm *Constricted T cell repertoire diversity in Tasmanian devils with contagious cancer*
Yuanyuan Cheng
- 5.30–
7pm **Posters**
Union Hall

Tuesday July 2

Plenary Addresses
Glyn Davis Theatre, MSD

Chair: John Golz

- 8.30-
9.15am *Local adaptation in humans and other primates*
Aida Andres
- 9.15-
10.00am *Leave and let live: Evolutionarily conserved peptide signaling regulates cell separation processes in flowering plants*
Reidunn Birgitta Aalen
- 10.00-
10.30am **Coffee Break**
Union Hall

Ross Crozier Medal – Presentation & Address
Glyn Davis Theatre, MSD

Chair: Coral Warr, GSA President

- 10.30-
11am *How diet gets flies into shape: genetic mechanisms governing the impacts of nutrition on body and organ growth*
Christen Mirth
- 11am-1pm **Symposium 4A – Population & Ecological Genetics (3)**
Glyn Davis Theatre, MSD
- Chair: Katherine Harrison**
- 11.00-
11.15am *Selective constraints in the genome – is selection against homozygotes irrelevant?*
John Sved
- 11.15-
11.30am *The maintenance of alternative fitness peaks in the face of gene flow*
David Field
- 11.30
11.45am *Analyses of expanded nuclear genomic data sets reveals complexity in the genetic structures of *Schistosoma japonicum* populations*
Neil Young
- 11.45
12.00pm *A comparison of non-lethal sampling methods to assay the gut microbiome of cane toads*
Jia Zhou
- 12.00-
12.15pm *Adaptation and evolution of Tiger Snakes*
Vicki Thomson
- 12.15-
12.30pm *Complex problems need detailed solutions: Harnessing multiple data types to inform genetic management in the wild*
Catherine Grueber
- 12.30-
12.45pm *Conservation genomics and taxonomic resolution of southern brown and golden bandicoots*
Anna MacDonald
- 12.45-
1.00pm *Rapid genomic and transcriptomic shifts underpin parallel ecological speciation in alpine insects*
Graham McCulloch

Symposium 4B – Genomics & Bioinformatics (1)
Singapore Theatre, MSD

Sponsor:  PACBIO®

Chair: Peter Dearden

- 11.00-
11.15am *Common Workflow Language (CWL)-based software pipeline for de novo genome assembly from long- and short-read data*
Pasi Korhonen
- 11.15-
11.30am *BUSCOMP: BUSCO Compilation and Comparison for Assessing Completeness in Multiple Genome Assemblies*
Richard Edwards
- 11.30-
11.45am *Gender equality in precision medicine: addressing male bias due to Y chromosome inclusion in genomic analysis*
Hardip Patel
- 11.45-
12.00pm *Computational tools for high-throughput mutagenesis*
Alan Rubin
- 12.00-
12.15pm *Improved draft genome and transcriptome for *Lucilia cuprina**
Clare Anstead
- 12.15-
12.30pm *CRISPR/CAS9 genome editing for the Australian sheep blowfly*
Trent Perry
- 12.30-
12.45pm *The genomes of three invasive social wasps*
Thomas Harrop
- 12.45-
1.00pm *High-quality *Schistosoma haematobium* genome achieved by single-molecule and long-range sequencing*
Andreas Stroehlein

Symposium 4C – Developmental & Cellular Genetics (2)
Malaysian Theatre, MSD

Chair: Tamar Sztal

- 11.00-
11.30am *Regulation of RNA splicing and its influence on cancer cell plasticity*
Philip Gregory
- 11.30-
11.45am *Novel regulators of autophagy-dependent cell death*
Donna Denton
- 11.45-
12.00pm *Localised receptor activation is dispensable for *Drosophila* embryonic terminal patterning*
Travis Johnson
- 12.00-
12.15pm *Control of cell competition by protein tyrosine phosphatases in polarity/shape disrupted cells*

Natasha Fahey-Lozano

12.15-
12.30pm *Neuropeptide F receptor acts in the Drosophila prothoracic gland to regulate body size and developmental timing*
Jade Kannangara

12.30-
12.45pm *The costs of losing nicotinic acetylcholine receptors in Drosophila*
Danielle Christesen

12.45-
1.00pm *The Drosophila VEGF homologues Pvf2 and Pvf3 regulate larval blood cell number*
Daniel Bakopoulos

Special Symposium for Secondary School Biology Teachers

11.00-
11.30am Dr Ashley Farlow Out of Africa, the human journey to Australia

11.30-
12.00pm Dr Irene Gallego Romero – Maths meets Biology

12.00-
12.30pm Professor Coral Warr – Solving the riddles of human disease with model genetic organisms

12.30-
1.00pm Professor Phil Batterham, Professor Lyn Gillam – Gene Editing: Applications and Ethical Considerations

**1.00-
2.30pm** **Posters, Lunch
& Afternoon Tea**

MJD White Medal – Presentation & Address
Glyn Davis Theatre, MSD

Chair: Coral Warr, GSA President

2.30-
3.30pm *Applied genetics and genomics to understand disease vector control*
Ary Hoffmann

Symposium 5A – Population & Ecological Genetics (4)
Glyn Davis Theatre, MSD

Chair: Anna MacDonald

- 3.30-
3.45pm *Genetic diversity's twin aspects: what sequence (or expression, etc), and how many of each sequence? New tricks for combining these.*
William Sherwin
- 3.45-
4.00pm *Functional annotation Denisovan archaic SNPs in ISEA*
Daide Vespiani
- 4.00-
4.15pm *Payoffs and pitfalls of genome-wide selection scans: insights from a snapdragon hybrid zone*
Annabel Whibley
- 4.15-
4.30pm *Large birds, Small Population: Genomics of the Endangered Kākāpō*
Joseph Guhlin
- 4.30-
4.45pm *Promoting long-term viability of native Australian freshwater fish species*
Katherine Harrison
- 4.45-
5.00pm *Preserving the integrity of a single source population during multiple translocations*
Carolyn Hogg
- 5.00-
5.15pm *Successful genetic integration of supplemented Tasmanian devils into a wild population*
Elsbeth McLennan
- 5.15-
5.30pm *Inferring mating system in wild plant populations from genome-wide marker data*
Patricia Lu-Irving

Symposium 5B – Genomics & Bioinformatics (2)
Singapore Theatre, MSD

Sponsor:  PACBIO®

Chair: Tom Harrop

3.30-
3.45pm *Understanding rapid evolution of insecticide resistance using historical pest genomes*

Angela McGaughran

3.45-
4.00pm *Genome Assembly Strategies for Endemic New Zealand Species*

Ann McCartney

4.00-
4.15pm *The molecular Wolpertinger: estimating foreign DNA contamination in publicly available eukaryotic whole genome sequences*

Tim Kahlke

4.15-
4.30pm *A new layer of genetic regulation in the mitochondrial genome: small mitochondrial RNAs*

Andrea Pozzi

4.30-
4.45pm *The value of non-model species genomes*

Emma Peel

4.45-
5.00pm *Genotyping-By-Sequencing Data Analysis from Conservation Genetics to Genomic Selection*

Jeanne Jacobs

5.00-
5.15pm *History of Sex Biased Admixture: new method and insights on mating behaviour in Brazil*

Hanaisa Sant Anna

5.15-
5.30pm *Reduced representation sequencing: advantages and limitations as demonstrated in a threatened species with reduced genetic diversity, the Tasmanian devil.*

Belinda Wright

Symposium 5C – Molecular Evolution
Malaysian Theatre, MSD

Chair: Irene Gallego Romero

3.30-
4.00pm *Convergent evolution and speciation in an Australian wildflower*

Daniel Ortiz-Barrientos

4.00-
4.15pm *The molecular ecology and evolution of toxin synthesis in marine microbial eukaryotes*

Shauna Murray

- 4.15-
4.30pm *Parallel neutral evolution of vision genes in blind diving beetles from a subterranean archipelago*
Steven Cooper
- 4.30-
4.45pm *Extreme mitochondrial genome rearrangement compensates a high mutation rate and drives genome fragmentation in Liposcelis booklice*
Shiqian Feng
- 4.45-
5.00pm *Multiple lines of evidence suggest non-canonical detoxification by phosphorylation via the ecdysteroid kinase-like (EcKL) gene superfamily in insects*
Jack Scanlan
- 5.00-
5.15pm *Molecular Evolution through Endosymbiosis bottleneck*
Kavitha Uthanumallian
- 5.15-
5.30pm *Differential gene expression throughout gravidity drives the evolution of viviparity and long egg retention in a bimodally reproductive skink (Saiphos equalis)*
Charles Foster
- 7.00pm** **Conference Dinner - MCG**

Wednesday July 3

Plenary Addresses Glyn Davis Theatre, MSD

Chair: Kathy Belov

8.30-
9.15am *Retroelements and the evolution of stable centromeres*
Rachel O'Neill

9.15-
10.00am *Dissecting plant development at single cell resolution*
Ryan Lister

10.00-
10.30am **Coffee**
Union Hall

Alan Wilton Award Presentation & Address Glyn Davis Theatre, MSD

Chair: Lee Ann Rollins

10.30-
11.00am *Redefining the tree of life in the genomic era*
David A. Duchene

Symposium 6A – Molecular Systematics & Evolution Glyn Davis Theatre, MSD

Chair Clare Anstead

11.00-
11.15am *Infectious disease phylodynamics with notification data*
Sebastian Duchene

11.15-
11.30am *Identification and characterisation of *Enterocytozoon bieneusi* in companion animals in Australia*
Yan Zhang

11.30-
11.45am *Parallel and repeated gene loss in the *Blattabacterium* endosymbionts of Australian soil burrowing cockroaches*
Perry Beasley-Hall

11.45-
12.00pm *Multiplex PCR technique successfully resolves diversity in the amphipods of the Victorian Alpine Region*
Jude Hatley

12.00-
12.15pm *Plastid phylogenomics resolve the evolutionary radiation of a hyperdiverse lineage of red algae*
Marisa Pasella

12.15-
12.30pm *Receding ice drove rapid expansions in eight Southern Ocean penguins*
Theresa Cole

12.30-
12.45pm *Sodium channel mutations in the dengue vector, Aedes aegypti provide insight to insecticide resistance, incursions and identity*
Nancy Endersby

12.45-
1.00pm *Molecular analysis reveals a diverse and previously unknown fauna of Parabathynellidae (Crustacea: Bathynellacea) from the Pilbara, Western Australia*
Michelle Guzik

Symposium 6B – Genetic Methods for Pest Control
Singapore Theatre, MSD

Chair: Charles Robin

11.00-
11.30pm *Genetic Tools for Pest Eradication—Going Forward, Looking Back*
Neil Gemmell

11.30-
12.00pm *Genetic Biocontrol via Synthetic Genetic Incompatibility*
Maciej Maselko

12.00-
12.30pm *Genetic population control as a future biocontrol tool for rabbits in Australia—pipe dream or legitimate part of the research pipeline?*
Tanja Strive

12.30-
1.00pm *Safe development of CRISPR gene drives for invasive rodent population suppression*
Paul Thomas

Symposium 6C – Neurogenetics
Malaysian Theatre, MSD

Chair: TBA

11.00-
11.30pm *Conservation of chromatin organisation in Drosophila*
Owen Marshall

11.30-
12.00pm *ANKoring HDAC4: investigating molecular mechanisms of memory in Drosophila*
Helen Fitzsimons

12.00-
12.30pm *Visual endophenotypes in zebrafish models of hyperexcitability and novel autism and schizophrenia risk gene pdzk1 knockouts*
Patricia Jusuf

12.30-
12.45pm *SpinosynA exposure negatively regulates expression of its target, the nicotinic acetylcholine receptor subunit Dalpha6*
Joseph Nguyen

12.45
1.00pm *How insecticides are contributing to the worldwide decline of the entomofauna*
Felipe Martelli

1.00pm
2.30pm **Lunch & Afternoon Tea – Union Hall**
GSA Annual General Meeting (Union Hall, Private Dining Room)

1.30-
2.15pm *Lessons Learned from Large-Scale Biodiversity Genome Sequencing Projects*
Jonas Korfach

Symposium 7A – Population & Ecological Genetics (5)
Glyn Davis Theatre, MSD

Chair: Catherine Grueber

2.30-
3.00pm *Rapid genetic shifts in a fast-changing world: the biological legacy of upheaval*
Jon Waters

3.00-
3.15pm *The long-term stability of Wolbachia infections in Aedes aegypti mosquitoes following field deployment*
Perran Ross

3.15-
3.30pm *Local adaptation and genetic connectivity along elevational gradients in specialist (Kosciuscola) Australian grasshoppers*
Sonu Yadav (Winner Smith-White Travel Award)

3.30-
3.45pm *When the maths doesn't stack up: A problem with using species-genetic diversity correlations for testing hypotheses*
Juliet Byrnes

3.45-
4.00pm *Larval dispersal as a driver of population connectivity in three Australian catadromous species, common galaxias, tupong and Australian grayling.*
James O'Dwyer

4.00-
4.15pm *Invasion vs Persistence: comparative case study on rainforests of New South Wales*
Jia-Yee Yap

4.15-
4.30pm *Genome-wide sexually antagonistic variants reveal long standing constraints on sexual dimorphism in fruit flies*
Filip Ruzicka

Symposium 7B – Developmental & Cellular Genetics (3)
Singapore Theatre, MSD

Chair: Travis Johnson

2.30-
3.00pm

From Medicago to kiwifruit: Control of flowering time and architecture by FT/CEN genes

Jo Putterill

3.00-
3.15pm

An Unexpected Role for Estrogen Signaling in Penis Development

Andrew Pask

3.15-
3.30pm

Multi-omics exploration reveals that dafachronic acid promotes nematode development by modulating dauer-like signalling and lipid metabolism

Guangxu Ma

3.30-
3.45pm

Adult intestinal stem cells are regulated by the transcription factor Grainy head

Gary Hime

3.45-
4.00pm

Using multi-omics to elucidate nematode adaptive processes

Tao Wang

4.00-
4.15pm

Genes involved in growth and regeneration of a reef-building coral Acropora millepora

Maja Adamska

4.15-
4.30pm

The genetic basis of pregnancy in a placental shark

Camilla Whittington

4.30-5.00pm

Conference Closing
Glyn Davis Theatre, MSD

Chair: Peter Dearden

Report on GAIA – Dave Burt

Student Award Presentations

JULY 1 - GSA2019 Symposium – Genome Alliance in Australasia (GAiA)

09.15-09.30 Introduction: “Genome Alliance in Australasia” [Dave Burt, University of Queensland, QLD]

09.30-10.00 Plenary: Genomics Aotearoa (GA) – A Collaborative Platform for Genomics & Bioinformatics [Peter Dearden, incoming GSA President, University of Otago, NZ]

COFFEE (Union Hall)

“WHAT problems can comparative genomics solve?”

“WHY are these problems important?”

10.30-11.45 Theme 1: Conservation Biology [Chair: Kathy Belov, University of Sydney, NSW]

- Genomes for Australian Plants [David Cantrill, Royal Botanic Garden, VIC]
- Wildlife Conservation Biology [Janine Deakin, University of Canberra, ACT]
- Discussion

11.45-13.00 Theme 2: Healthy Ecosystems [Chair: Parwinder Kaur, University of Western Australia, WA]

- Great Barrier Reef and Fragile Ecosystems [David Miller, James Cook University, QLD]
- Envirogenomics [Dianne Gleeson, University of Canberra, ACT]
- Discussion

LUNCH (Union Hall)

13.45-15.00 Theme 3: Genome Prospecting [Chair: Emily Wong, Victor Chang Cardiac Research Institute, VIC]

- New Medicines from Venom [Glenn King, University of Queensland, QLD]
- The Regulatory Genome & Functional Genomics [Emily Wong, Victor Chang Cardiac Research Institute, NSW]
- Wild Crop Relatives – a Genetic Resource [Robert Henry, QAAFI, QLD]
- Discussion

COFFEE (Union Hall)

“HOW can the Genome Alliance facilitate comparative genomics at scale?”

“WHO will be the founding members of the Genome Alliance?”

15.30-16.00 National & International Genome Consortia [Chair: Peter Dearden, University of Otago, NZ]

- Plant, Animal, Fungal and Microbial Research Communities [Andrew Gilbert, Bioplatforms Australia, NSW]

16.00-17.45 Common Themes & Working Groups [Chair: Dave Burt, University of Queensland, QLD]

- Wildlife Collections, Herbariums & Museums [Linda Broadhurst, Director, Centre for Australian National Biodiversity Research (CANBR) and Director, Australian National Herbarium (ANH) at the CSIRO National Research Collection Australia, ACT]
- Linkage to Other Organisations [Parwinder Kaur, University of Western Australia, WA; Donald Hobern, International Barcode of Life, Canberra, ACT]

- Ethical, Legal, Social Implications & Indigenous Rights [Peter Dearden, incoming GSA President, University of Otago, NZ]
- Technologies (Genomes & Transcriptomes) [Cheong Xin Chan, University of Queensland, QLD; Yuanyuan Cheng, University of Sydney, NSW]
- Data Management & Bioinformatics [Jeff Christiansen, QCIF, ABC, QLD; Yuanyuan Cheng, University of Sydney, NSW]]
- Training & Capacity Building [Mark Crowe, Training Coordinator at QCI, QLDF; Craig Moritz, Australian National University, ACT]
- Engagement with Public, Government & Industry [Jenny Graves, La Trobe University, VIC; Peter Dearden, University of Otago, NZ]

17.45-18.00 Next Steps at GSA2019 [Dave Burt, University of Queensland, QLD]

DRINKS & NETWORKING UNION HALL

JULY 2 & 3 Working Groups: meet to discuss issues, solutions, etc.

Please contact the co-chairs prior to GAIa Symposium to register your interest in joining a Working Group (include: name, affiliation, email, specific interest/comments, attending all/attending 1 day only/not attending GSA).

Wildlife Collections, Herbariums & Museums [Co-chairs]

Andrew Young, National Collections, CSIRO, ACT [E: andrew.young@csiro.au]

Rebecca Johnson, Australian Museum, NSW [E: Rebecca.Johnson@austmus.gov.au]

Linkage to Other Organisations [Co-chairs]

Parwinder Kaur, University of Western Australia, WA [E: parwinder.kaur@uwa.edu.au]

Donald Hobern, International Barcode of Life, Canberra, ACT [E: dhobern@gmail.com]

Ethical, Legal, Social Implications & Indigenous Rights [Co-chairs]

Nicole Makoviney, University of Queensland, QLD [E: director.ethics@research.uq.edu.au]

Maui Hudson, University of Waikato, NZ [E: maui.hudson@waikato.ac.nz]

Technologies (Genomes & Transcriptomes) [Co-chairs]

Tony Papenfuss, WEHI, VIC [E: papenfuss@wehi.edu.au]

Cheong Xin Chan, University of Queensland, QLD [E: c.chan1@uq.edu.au]

Data Management & Bioinformatics [Co-chairs]

Jeff Christiansen, QCIF, ABC, QLD [E: jeff.christiansen@qcif.edu.au]

Andrew Lonie, University of Melbourne, EMBL-ABR, ABC, VIC [E: andrew.lonie@gmail.com]

Training & Capacity Building [Co-chairs]

Mark Crowe, Training Coordinator at QCIF, QLD [E: mark.crowe@qcif.edu.au]

Craig Moritz, Australian National University, ACT [E: craig.moritz@anu.edu.au]

Engagement with Public, Government & Industry [Co-chairs]

Jenny Graves, La Trobe University, VIC [E: j.graves@latrobe.edu.au]

Peter Dearden, University of Otago, NZ [E: peter.dearden@otago.ac.nz]

JULY 3 Final summary and close of symposium

14.00-15.00 Final summary and agree on next steps [Chairs of Working Groups]

16.30-16.45 Summary Report to GSA Conference [Dave Burt, University of Queensland, QLD]

