

# Department of Biological Sciences

Dept meeting 6<sup>th</sup> August 2019



## Agenda

- Biology video launch – Martin & Prasanth
- Health & Safety – Simon
- Admin update - Sharyon
- HoD update & successional planning - Michelle
- Workload review - Linda
- Research – Michelle channelling Andy
- Learning & Teaching - Drew
- Outreach/Open Day – Matt B, Kath Mc
- Social happenings – Mariella / Mo
- Reminder – morning tea for Rick Shine's 1000<sup>th</sup> paper – Aug 14 at 10.30

*We acknowledge and pay respect to the Traditional Custodians and Elders of the lands on which our university is located*

# **Biology video launch (Martin Whiting)**

# Health & Safety

- Safety Fair will be held on 9<sup>th</sup> October
- Drones – new policy out and will be administered through Fieldwork Friendly
- Courses

← → ↻ <https://mq.elmotalent.com.au/dashboard> ☆ 🗑️ 🌈 📺

🏠 Profile My Team Learning Reports

## Welcome to the Macquarie University Online Training System

To find courses, click on the 'learning tab' and then 'course catalogue'.  
Check below to see your to-do list and completed courses.  
If you have any questions, please email [ohs@mq.edu.au](mailto:ohs@mq.edu.au).

To Do List	Status	Due
Well done! You have no outstanding items to complete.		

Learning	Status	Due
Biosafety Awareness	■ Completed	-
Hazardous Chemicals	■ Completed	-

# Admin Update

## **Welcome to the team!**

Calli Miller – Administrator Outreach Coordinator

Louisa Wang – Administration Assistant (Financial)

Emma Wang – Administration Assistant

Julian May – Secondment (1 year)

# HoD Update

- **Congrats to Lesley – Lifetime Achievement Aust Museum (and Eureka!)**
- **International opportunities – Indonesia: LIPI , Thailand: King Monkut's Uni of Technology Thonburi (KMUTT), Chulalongkorn University, Mahidol University**
- **Appointments – Evoln Genomics, Vert Physiology**
- **L&T 2020 – new units, teaching allocations**
- **mentoring**
- **Project Catalyst**
- **Open Day – 17 August – we need advisers!!**
- **Reminder - taking leave, being in contact**
- **Dept successional planning**

# Biological Sciences in 2019

**Exec Team:** Michelle Leishman (HoD), Grant Hose & Andrew Barron (Deputy HoDs), Mariella Herberstein (lots of stuff), Sharyon O'Donnell

**LEADERSHIP TEAM**

## Research

Andrew Barron

## L&T

Drew Allen

## HDR

Culum Brown

## MRes

Grant Hose

Michelle Power

Matt Kosnik

Ajay Narendra

## Advising

Glenn Brock

**Mariella** – Chair of Senate

**Lesley** – 50% PVC

**Nathan** – Chair of Animal Ethics

**Grant** – Associate Dean (Industry & Corporate Engagement), member Academic Senate

**WHS** – Simon Griffith

**PGF** – Ian Wright

**ECR** – Stephan Leu, Chris Reid

**Prizes** – Linda Beaumont

**Outreach** – Matt Bulbert

**School Partnerships** – Kath McClellan

**Fieldwork** – Martin Whiting

**Diving & Boating** – Rob Harcourt

**Diversity & Inclusion** – Mariella Herberstein

**Sustainability** – Sam Newton

## Teaching Directors

BSc – Biology – Ken Cheng / vacant in S2

BSc – Human Biology – Julia Raftos / Ken Cheng

BSc – Paleo – Glenn Brock

BMedSci – Jenny Donald /

Michelle Power

BBiodivCons – Drew Allen

BMarSci – EPS/Matt K

BAdvSci(Biology) – Ian Wright

MConsBiol – Adam Stow

MMarSciM'ment – Jane Williamson

# Workload Model Update

Draft due mid-September

Purpose of model:

- *Drive* behaviour
- Help strategic planning
- Help HoDs determine staffing levels

All models are wrong; some models are useful:

- Practical, reasonable, fair, indicative

# Research

- Disadvantaged:
  - those writing single/few author papers
  - research fellows
  - ECRs
- More points per HDR BUT caps on number of HDR
- Publications: points for reports/patents. Cap on number of points
- Grants: Cap on points for small grants
- Research Development: research activities (eg fieldtrip, data collection); development (workshops, experiments, simulations). Capped at 10 points.



# Teaching

- Fieldtrips
  - Development of material: goes in “New teaching/curriculum design”
  - Fieldtrip participant (0.08 points/hr ~ 1hr 12 mins): time spent teaching & supervising, minor tweaking of material, travel to/from site
  - Fieldtrip leader: participant+weighting
- Convening vs lecturing
  - Weekly supervision of sessional staff
  - Preparation and moderation of assessments & exams
  - Meeting with student reps
  - iLearn maintenance

# Research (from Andrew Barron)

## GRANT WRITING GROUPS

- Intending to write a major grant in 2020, want to start early and want peer support?
- Biology will convene grant writing groups starting soon targeting the major grant rounds for 2020
- If interested send an email to [Andrew.Barron@mq.edu.au](mailto:Andrew.Barron@mq.edu.au)
- Groups will assemble and self-direct according to need

## Grant submissions

- due date for all applications (min 2 weeks)

## Research retreat

- After exam meeting, first week December?

# L&T Update – August

## OUA

- The OUA Biology degree will be starting in 2020
- Three first year Biology OUA units will be launched for 2020
- Three second year Biology OUA units will be launched for 2021
- Four third year Biology OUA units will be launched for 2022
- Big thanks for Sharyon for ensuring paperwork was submitted on tight deadline!
- Thanks to Kate for submitting new OUA units for 2020

Year 1 (2020)				
S1			S2	
BIOX1310	Organisms to Ecosystems		BIOX1110	Genes to Organisms
BIOX1610	Biology in Practice		CHEX1001	Foundations in Chemistry
FOSX1015	Statistical Concepts in Science		FOSX1025	Scientific Computing
BIOX1210	Human Biology		OUA Elective	
Year 2 (2021)				
S1			S2	
BIOX2610	Biological Data Analysis		BIOX2210	Life Processes
BIOX2110	Genetics		BIOX2320	Science of Sex
OUA Elective			OUA Elective	
OUA Elective			OUA Elective	
Year 3 (2022)				
BIOX3120	Human Genetics and Evolutionary Medicine		BIOX3110	Evolutionary and Conservation Genetics
BIOX3510	Vertebrate Evolution		BIOX3630	Special Interest Topic in Biology
OUA Elective			FOSX3000	Science Capstone
OUA Elective			OUA Elective	

# L&T Update – August

## MQCMS

- The curriculum management system is now live
  - <https://mqcms.mq.edu.au/>
- Help in the system:
  - <https://wiki.mq.edu.au/display/beamcon/MQCMS+Toolkit>
- Encompasses many functions that were previously separate, including:
  - Proposals for new units and programs
  - Modifications of existing units and programs
  - Specifying learning outcomes and assessment tasks
  - Handbook entries for units and programs
- Caitlyn, Kate, and I have already had training on the system; training will be available for others

# L&T Update – August

## MQCMS

- Learning outcomes (LOs) of all existing units are currently blank under the new system
- Prior to October, the L&T Committee will be going through all of the LOs and editing them as necessary for consistency
- Unit convenors will be given an opportunity to review proposed LOs, and modify them as they see fit prior to submission.

# L&T Update – August

## MQCMS

- **Important:** going forward, changes to assessment tasks and their weightings will require formal approval from FLTC, so changes will need to be planned **months** in advance

# L&T Update – August

## Transition and Teach-out Plans for New Curriculum

- Transition and teach-out plans have now been completed for all of our existing programs
- Teach-out plans have been approved for:
  - Bachelor of Science (second and third year students)
  - Human Biology major (all years)
  - Bachelor of Medical Science (all years)
- Transition plans have been approved for:
  - Bachelor of Biodiversity and Conservation
  - Master of Conservation Biology
  - Master of Marine Science
- Thanks to all program convenors for working on programs, and to Caitlyn and Julian for getting everything entered



# STEM Careers Forum 12<sup>th</sup> August



## STEM CAREERS FORUM

Talks | Q&A | Networking

12 AUG 2019 MUSE L3 18 Wally's Walk

Register: <https://www.careerhub.mq.edu.au/admin/events>

10-12:30pm

### Science Careers

Biol/Chem/Molecular/Envs/EPS



1-3:30pm

### Tech Careers

Math/Stat/Phys/Astr/Engg/IT/InfoSys



- **Taronga Conservation Society Australia**- Phoebe Meagher
- **Blowfish Studios**- Hussein Nabeel
- **MAS Management**- Maree Stuart
- **Invetus**- Katie Glenn
- **NSW Dept of Education – teach.NSW**- TBA
- **Techstaff**- Jake Misener & Souraya Jumaah
- **Redox Pty Ltd**- Jessica Andrawes
- **EMM Consulting Pty Ltd**- Mark Trudgett
- **Enviropacific**- Nick Cowman
- **Vitex Pharmaceuticals Pty Ltd**- John Boustani
- **Commonwealth Scientific and Industrial Research Organisation**- TBA
- **Aginic**- Blake Entwisle
- **Bureau of Meteorology**- Gabrielle Woodhouse
- **Commonwealth Bank**- TBA
- **Australian Nuclear Science and Technology Organisation**- Karyn Laxale
- **Department of Defence**- TBA



Science session 10am-12.30pm

10-18 August 2019

# national science week



An Australian Government Initiative



# Open Day Aug 17<sup>th</sup>



# Australian Museum Expo

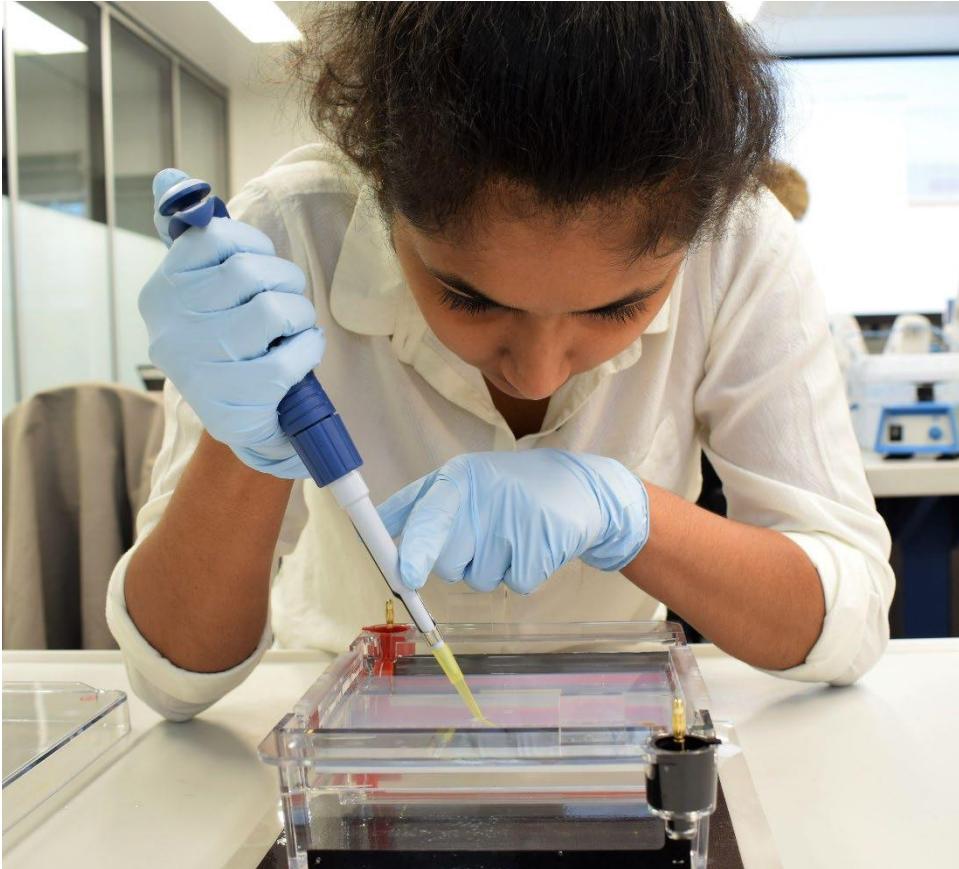
Vivian Cumbo  
Juliano Morimoto Borges



# Night of illusions 10<sup>th</sup> Aug @ Giant Dwarf



# Depth Studies

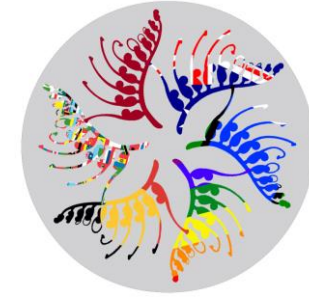


Big Thank you to all the people who have helped out with Depth Studies including:  
Jessica Thompson, Sanscha Aberg, Agni Amaranth, Tim Ghaly, Winnie Man, Monika King

We have brought in \$4450 through DNA Depth Studies, which has gone towards paying for 2 of the 4 E-Gel machines have that been purchased for the Department and will be used to run DNA and PCR gels in pracs

*Dr Kath McClellan*

# Diversity & Inclusion Annual Pot Luck Lunch 2019



**When: 4th September  
11:30 PM – 12.45 PM**

**Where: Biology Tearoom**

***\*Open to all Biology people***

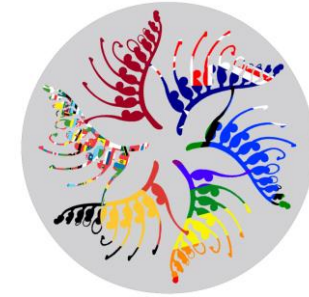


<https://www.winemag.com/2018/11/15/how-to-host-a-potluck-perfect-wine-list/>

An afternoon of sharing and celebrating our differences and similarities.

Organisers: Mo Hague & Poncho Aceves

# Games Afternoon (mildly competitive)



**When: 17th October**  
3 PM until social drinks

**Where: Biology courtyard**

***\*Open to all Biology people***

Organisers: Zoe Wild & Laura Fernandez



Form a team of 4: HDR, academic & profession staff  
Nothing too strenuous