

Go abroad with the mobility fund

Anna Henschel, PhD candidate, Institute of Neuroscience & Psychology



One month of toasted banana bread with butter

Anna Henschel, PhD candidate, Institute of Neuroscience & Psychology



Hello.

Hello.

Anna Henschel

Institute of Neuroscience & Psychology

University of Glasgow

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Twitter: @AnnaHenschel

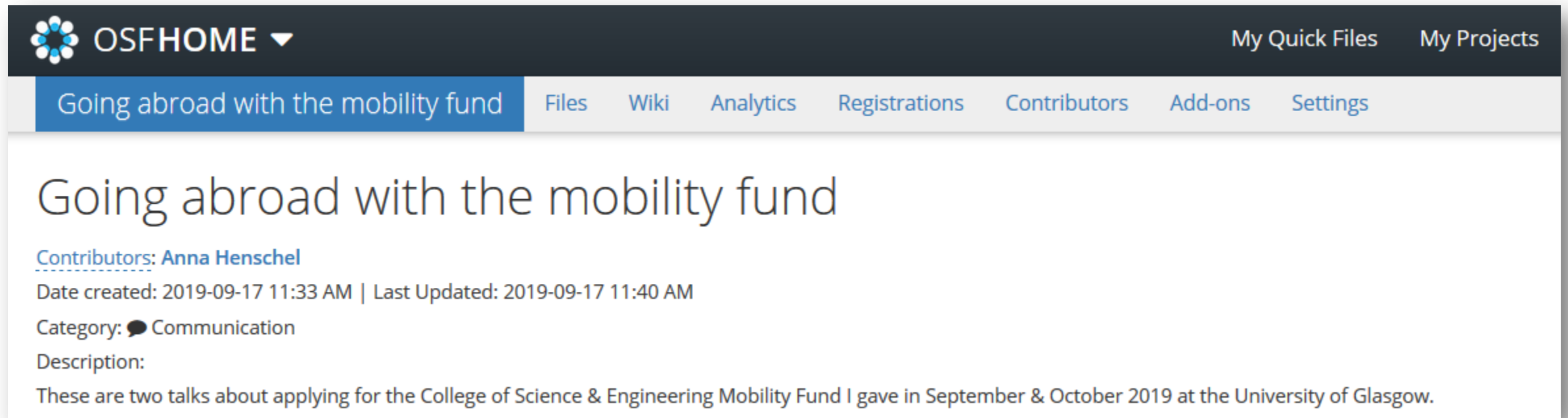
So...

How was

Sydney?



My slides are here: <https://osf.io/3c7p4/>



The screenshot shows the OSFHOME interface. At the top, there's a dark header with the OSFHOME logo and a dropdown arrow. To the right of the header are links for 'My Quick Files' and 'My Projects'. Below the header is a navigation bar with a blue tab for 'Going abroad with the mobility fund' and other tabs: 'Files', 'Wiki', 'Analytics', 'Registrations', 'Contributors', 'Add-ons', and 'Settings'. The main content area has the title 'Going abroad with the mobility fund'. Below the title, it lists the contributor as 'Anna Henschel'. It also shows the creation and last update dates as '2019-09-17 11:33 AM' and '2019-09-17 11:40 AM' respectively. The category is 'Communication'. The description states: 'These are two talks about applying for the College of Science & Engineering Mobility Fund I gave in September & October 2019 at the University of Glasgow.'

OSFHOME ▼

My Quick Files My Projects

Going abroad with the mobility fund Files Wiki Analytics Registrations Contributors Add-ons Settings

Going abroad with the mobility fund

Contributors: [Anna Henschel](#)

Date created: 2019-09-17 11:33 AM | Last Updated: 2019-09-17 11:40 AM

Category: 🗨 Communication

Description:

These are two talks about applying for the College of Science & Engineering Mobility Fund I gave in September & October 2019 at the University of Glasgow.

@AnnaHenschel

There is also a blog post:

<https://uofgpgrblog.com>



Research and Robots in Sydney, Australia

PGR EXPERIENCES, SCIENCE AND ENGINEERING



All You Knead is...the Bake-Off 2019 Results!

ALL COLLEGES, BEYOND PGR



PRES 2019 Results Part 1: Thinking about PGR feedback

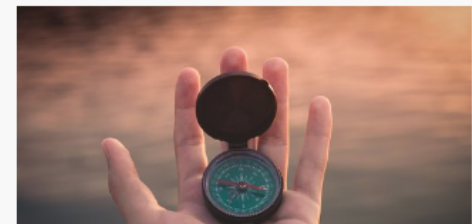
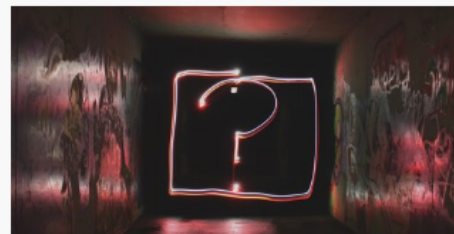


The Role of Conferences in PGR Community Building



Research Impact Café Sessions

RESOURCES, ALL COLLEGES



@AnnaHenschel

- *A timeline*

- *A timeline*
- *How to apply: Some tips and tricks*

- *A timeline*
- *How to apply: Some tips and tricks*
- *Fluffy animals (and more)! 🦘*

**Why go
abroad?**

- *To collaborate with internationally excellent researchers in your field*

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- *To work in renowned laboratories*

- *To collaborate with internationally excellent researchers in your field*
- *To work in renowned laboratories*
- *To engage in field work which is not funded by your School as an inherent part of your studies*

GRADUATE SCHOOL MOBILITY SCHOLARSHIP

Each year, the Graduate School provides funding for students to engage in international research.

— North Carolina, USA

Alexandra Vossen: Psychology

University of North Carolina

In July 2016, I visited the University of North Carolina in the USA, working within the Frolich lab for two months. The purpose of the visit was chiefly educational, with a focus on learning about computational modelling of neurons and neural networks; the simulation of neuronal dynamics is an increasingly important line of research in my area of study, and the Frolich lab had produced some of the most relevant work.



Some inspiration from previous students' reports

<https://www.gla.ac.uk/colleges/scienceengineering/graduateschool/mobility/graduateschoolmobilityscholarship/>

@AnnaHenschel

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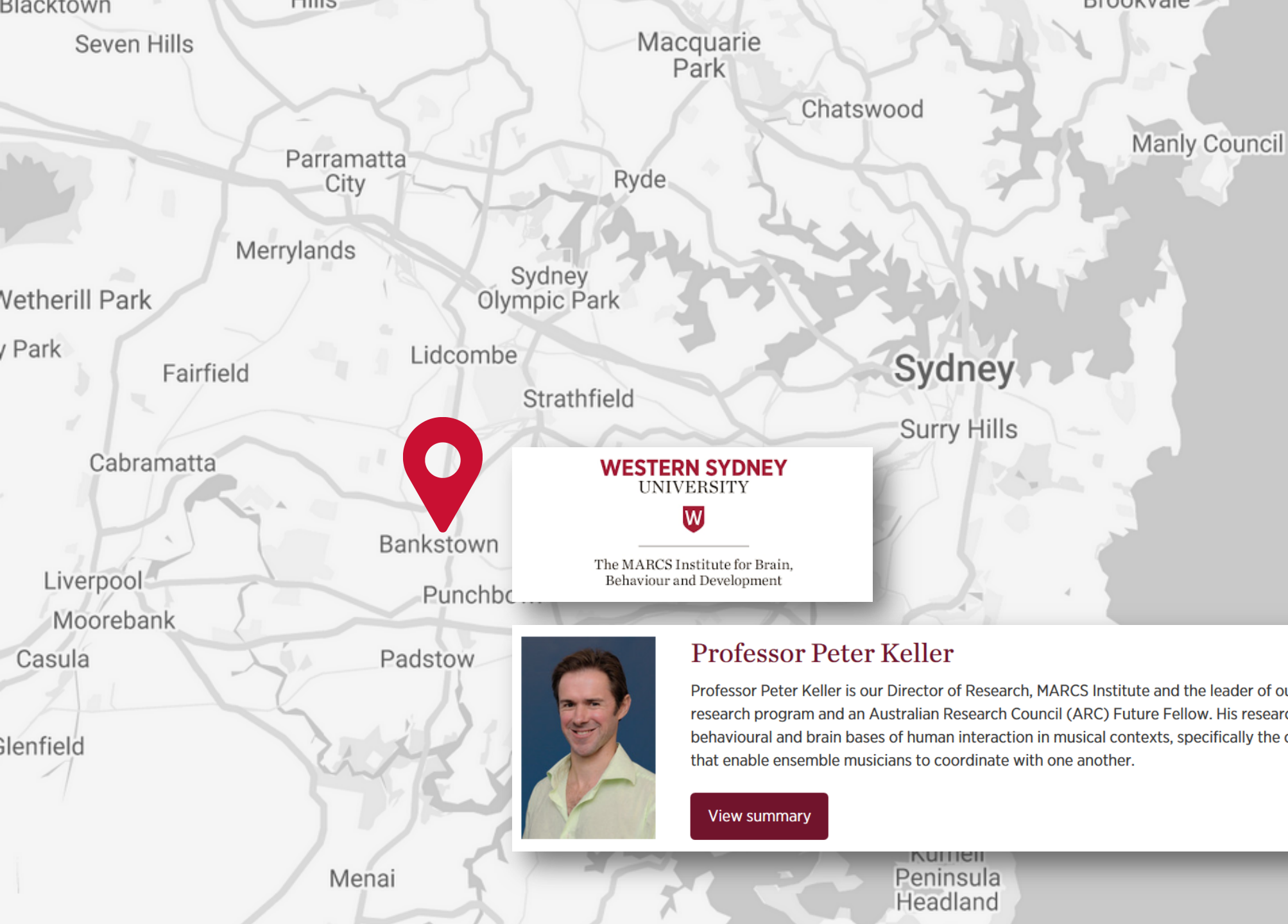
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*Go here for all
application details!*

<https://www.gla.ac.uk/colleges/scienceengineering/graduateschool/mobility/graduateschoolmobilityscholarship/>

@AnnaHenschel



WESTERN SYDNEY UNIVERSITY



The MARCS Institute for Brain,
Behaviour and Development



Professor Peter Keller

Professor Peter Keller is our Director of Research, MARCS Institute and the leader of our Music Cognition and Action research program and an Australian Research Council (ARC) Future Fellow. His research aims at understanding the behavioural and brain bases of human interaction in musical contexts, specifically the cognitive and motor processes that enable ensemble musicians to coordinate with one another.

[View summary](#)

A timeline.

Nov. 2018



Discussion with supervisor & grant proposal

Jan. 2019



Apr. 2019



Aug. 2019



Nov. 2018



Discussion with supervisor & grant proposal

Jan. 2019



Submission of grant proposal

Apr. 2019



Aug. 2019



Nov. 2018



Discussion with supervisor & grant proposal

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Submission of grant proposal

Apr. 2019



Skype meeting with supervisor at host institution

Aug. 2019



Nov. 2018



Discussion with supervisor & grant proposal

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Submission of grant proposal

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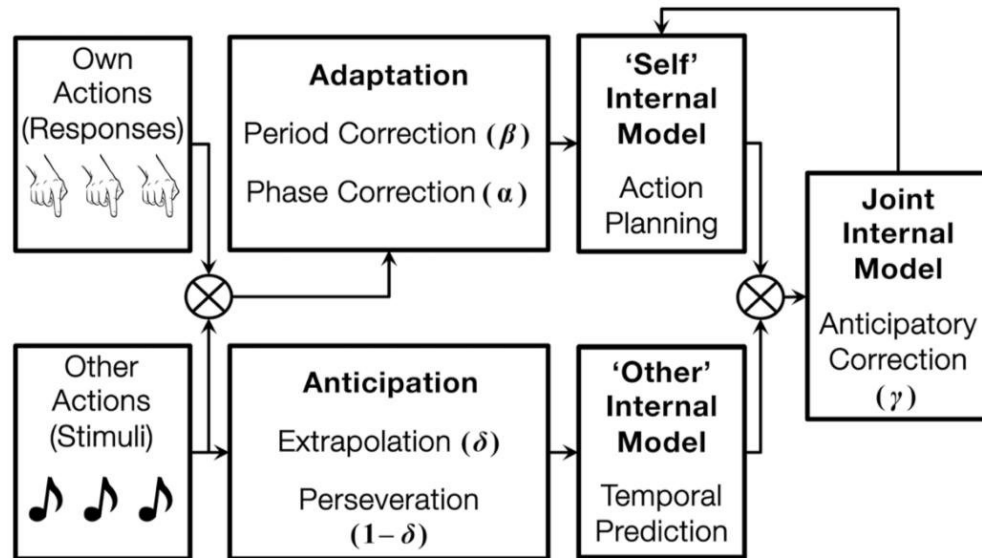
Aug. 2019



Visit abroad

**What did I learn at
the MARCS
institute?**

Harry & Keller, 2019: An adaptation and anticipation model of sensorimotor synchronization

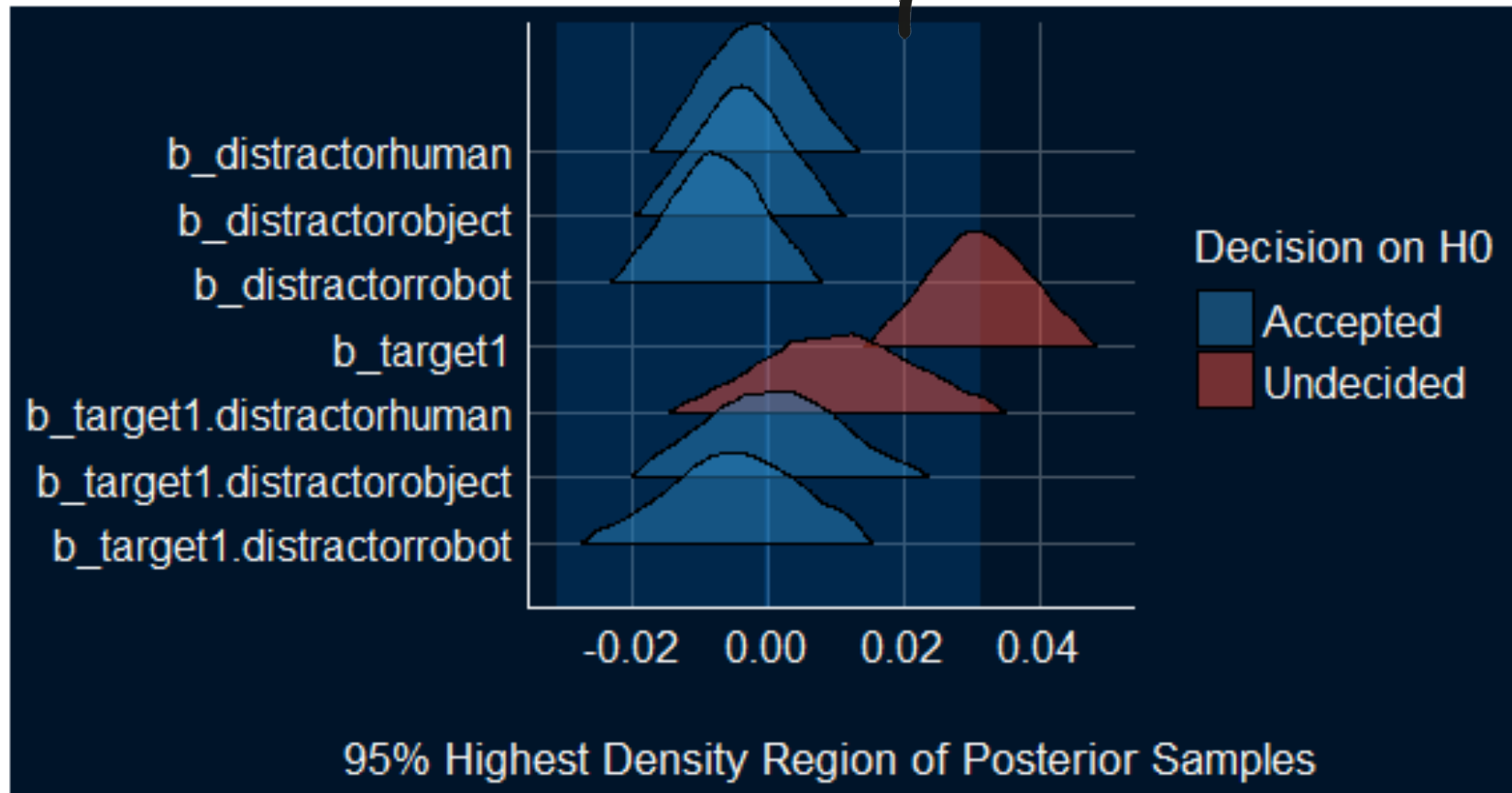


I got a deeper understanding of theoretical models in joint action.



I designed an experiment and even collected some pilot data!

*I learned a new data
analysis method in R!*



**Some tips &
tricks.**

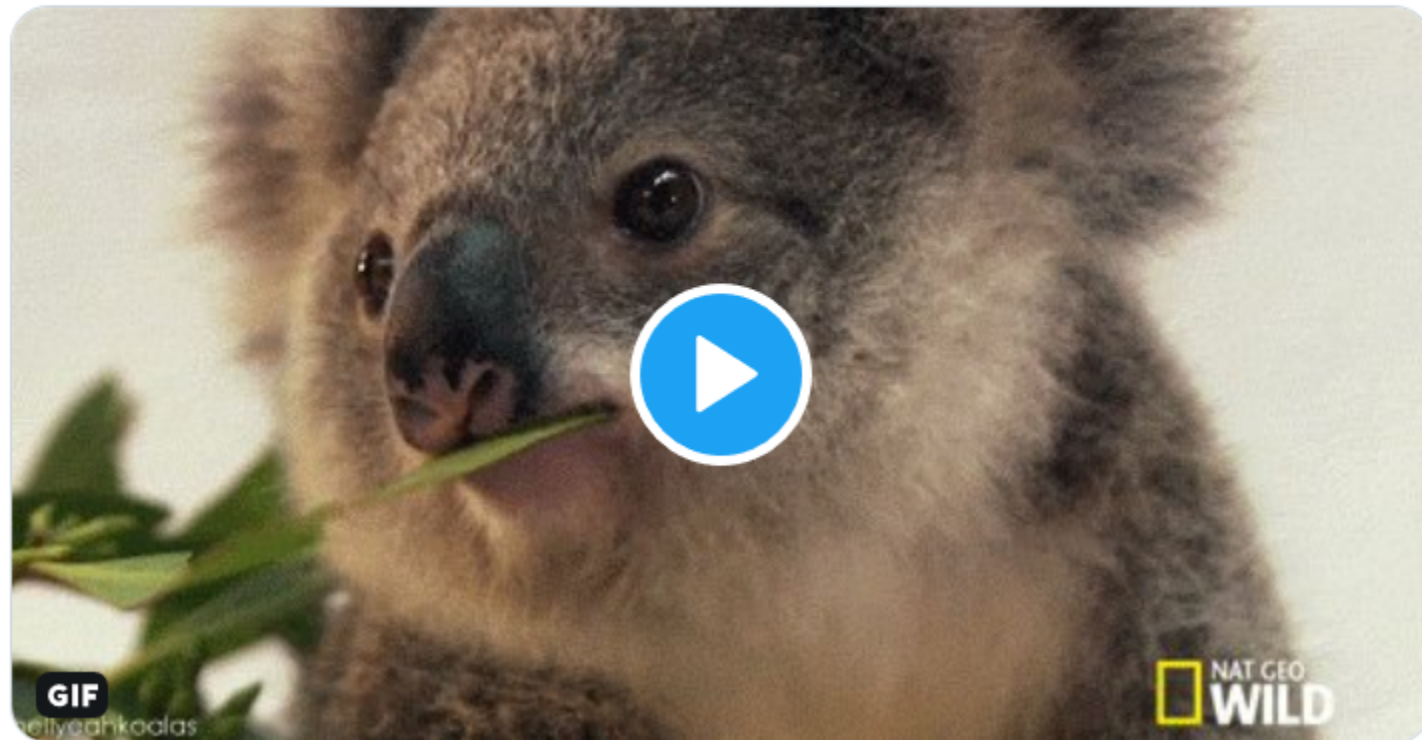
1 *Use your supervisor's network
(but also your own).*



Anna Henschel @AnnaHenschel · Jul 26

Hi tweeps! I will be in Sydney (@westernsydneyu) for the next 2 months, so if you are also there and want to talk #socialrobotics, #openscience, #WomeninSTEMM or just meet up IRL, send me a message! 🐨🇦🇺

*Also any Sydney tips would be much appreciated!



@AnnaHenschel

🔄 You Retweeted



Anco Peeters @ancopeeters · Aug 27

Pleased to announce tomorrow's speaker for MAP at @UOW! @AnnaHenschel will talk about gender and social robotics. Do join us!

Minorities and Philosophy UOW Presents:

MAP
MINORITIES AND
PHILOSOPHY
UNIVERSITY OF WOLLONGONG

'Gender and Social Robotics'

Speaker: Anna Henschel
University of Glasgow

Date: 28th August 2019

Time: 3:30pm

Venue: Research Hub
(Building 19, room 2072)



@AnnaHenschel



Anna Henschel @AnnaHenschel · Sep 11

My first day and my last day in Australia - see you soon! It has been truly wonderful 🇸🇪🇦🇺

#TeamUofG #TeamSoBots

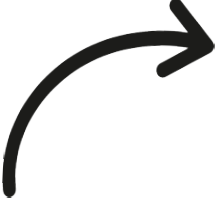





University of Glasgow and The MARCS Institute

@AnnaHenschel

2 *Get lots of feedback on your proposal.*

Supervisors, colleagues, friends

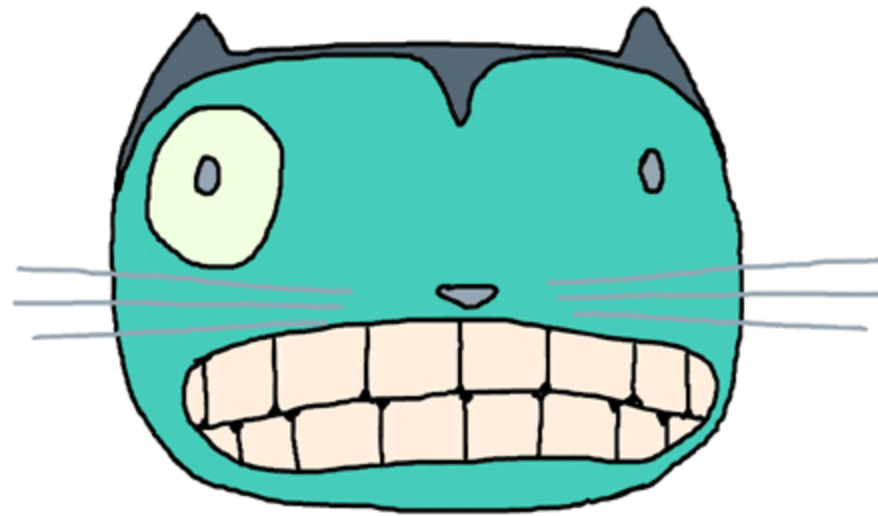


 PHD Mobilty Application 2019_RH_ESC.docx	15/01/2019
 PHD Mobilty Application 2019_RH.docx	10/01/2019
 PHD Mobilty Application 2019.docx	08/01/2019

3

*Be flexible – things can change,
especially when so many moving
pieces are involved.*

Stress



Cat

4 *Be curious (and dare to look outside of your own field).*


 OPEN ACCESS  PEER-REVIEWED

RESEARCH ARTICLE

Perception of affect in unfamiliar musical chords

Eline Adrianne Smit , Andrew J. Milne, Roger T. Dean, Gabrielle WeidemannPublished: June 21, 2019 • <https://doi.org/10.1371/journal.pone.0218570>**Article****Authors****Metrics****Comments****Media Coverage**

5 *Make new connections!*

 **Rachel Hendery**
@RHendery
r.hendery@westernsydney.edu.au

My Research: Language Contact & Change
I am a linguist who works on language contact and change, especially in Australia and the Pacific, and how new digital tools and techniques allow us to research these in new ways.

My digital toolbox:

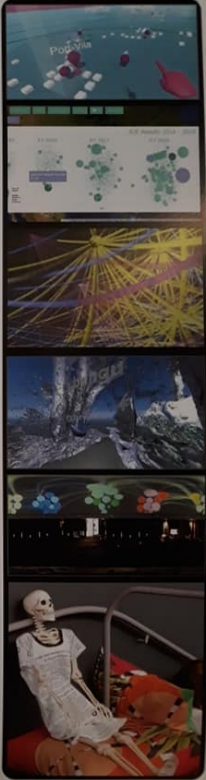
- Gephi for network analysis
- QGIS for mapping / Leaflet for online maps
- NetLogo for agent-based modelling
- Unity for creating immersive experiences (VR / dome content / games)
- Google colab notebooks with Tensorflow for machine learning
- D3 for online data visualisations
- OpenRefine for data cleaning
- Python (with NLTK) for text analysis
- Preferred OS: Linux (Ubuntu)


My favourite tool:
I don't play favourites. I have an equal love/hate relationship with all my tools. And I'm always dabbling in shiny new ones like I have some kind of digital tool attention deficit disorder.

I've got my eye on:

- OpenAI's GPT-2
- Kraken for OCR
- <http://stereoscope.threedh.net/>
- Topotime

Plus I'm eternally embarrassed that I still can't do very much in R. Someday I'll get to it.



 **Olga Ryjenko**
Research Data Consultant
Sydney Informatics Hub
The University of Sydney
olga.ryjenko@sydney.edu.au

My research, work and interest:

- Treatment of stuttering and associated disorders in children and adults
- Research data management, data management plans and digital tools to enhance research
- Music production and performance


My digital toolbox:

- Data capture: REDCap, Mediaflux, Qualtrics, Q365 Forms
- Data cleaning, analytics and visualisations: Power BI, OpenRefine
- Collaboration and contextualisation: LabArchives eNotebook, OneDrive, Dropbox, Q365 Teams
- Automating digital processes: Q365 Flow
- Data analysis: SPSS, SAS
- Managing appointments: Q365 Bookings
- Version control: GitHub
- Managing references: Mendeley, EndNote
- Website customisation: HTML, CSS
- Audio recording, production and performance: Logic Pro, Ableton Live, GarageBand, Pacemaker

My favourite tool:
REDCap for electronic data capture and managing complex research projects.

I've got my eye on:

- Women Who Code
- Tableau for analytics and visualisations
- Rekordbox and Serato for performance



 **Damien Mannion**
Senior Lecturer
School of Psychology, UNSW Sydney
www.dmannion.net
d.mannion@unsw.edu.au

My Research:
Perception - how we obtain information about our surroundings through our senses. How can we perceive aspects of the environment such as the reflectance of a surface or the loudness of a sound source? What are the associated neural mechanisms?

My digital toolbox:

- Language: Python
- OS: Arch Linux
- Editor: Vim, IPython
- Communication: Zulip
- Experiments: PsychoPy
- Analysis: NumPy, SciPy, PyMC3
- fMRI analysis: AFNI / SUMA
- Visualisation: Veusz, Bokeh
- Vector graphics: Inkscape
- Version control: Mercurial, Bitbucket
- Docs: LaTeX, Sphinx, HTML, Jupyter
- Rendering: Mitsuba, POV-Ray, OpenGL
- Reproducibility: Code Ocean

My favourite tool:
Python. Most other aspects of my research toolkit are built around Python. It is wonderful that a single language can provide and support so much functionality.

I've got my eye on:

- A new host for Mercurial repositories and code review.
- Moving away from LaTeX / Beamer to create accessible teaching materials.

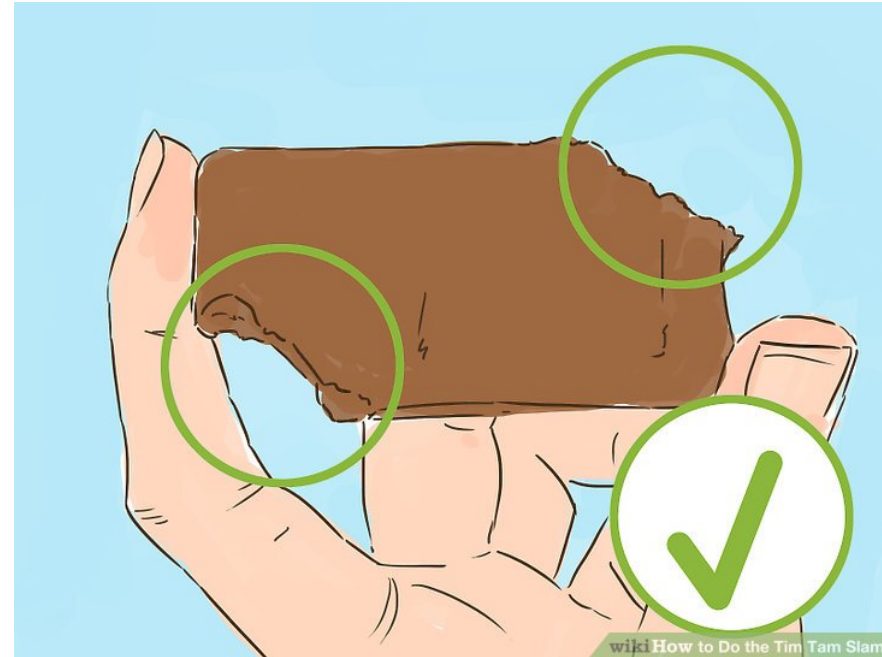
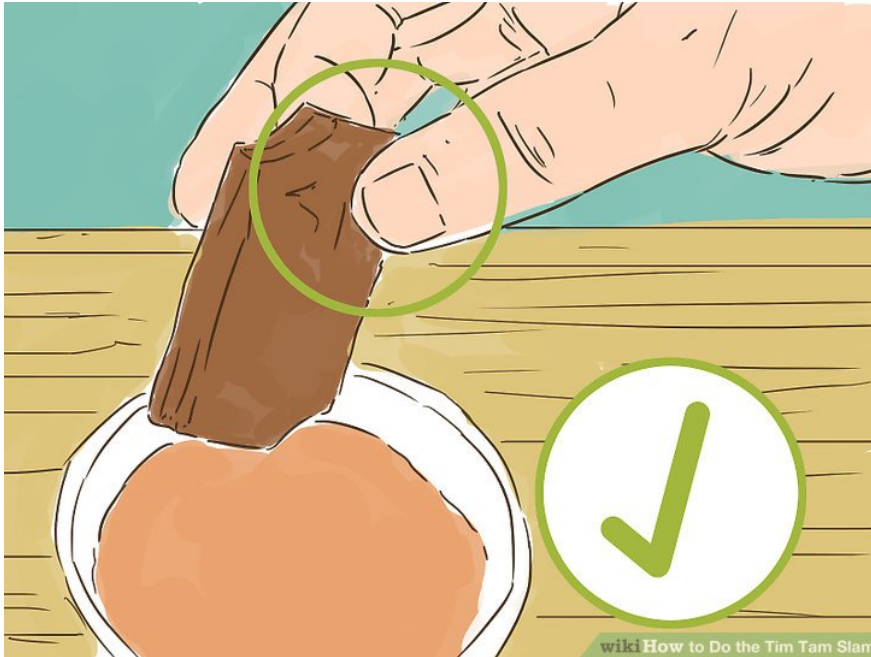


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*And don't forget to have
lots of fun!*



“How to TimTam slam”



Real footage of my first surf lesson in Bondi beach:

Real footage of my first surf lesson in Bondi beach:



@AnnaHenschel

**Fluffy
animals.**







The Niffler is real in Australia.



Keep in touch!



Email: Anna.Henschel@Glasgow.ac.uk

Twitter: @AnnaHenschel

Slides: <https://osf.io/3c7p4/>