

The Carpentries Bingo!

Find someone who...

Has lived in two or more countries	Is a Carpentries Instructor	Doesn't like pizza	Is wearing crazy socks
Has a fun hobby	Has survived their first Pull Request	Is a Carpentries Trainer	Knows more than three languages
Has been a Helper at a workshop	Grew up on an island	Plays a musical instrument	Can recommend a book/podcast
Has contributed to a Carpentries lesson	Rides a bike to work	Has woodworking experience	Needs a coffee

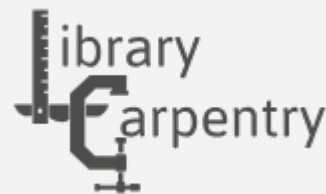


Complete any row, column or big diagonal!



Carpentry Connect 2024

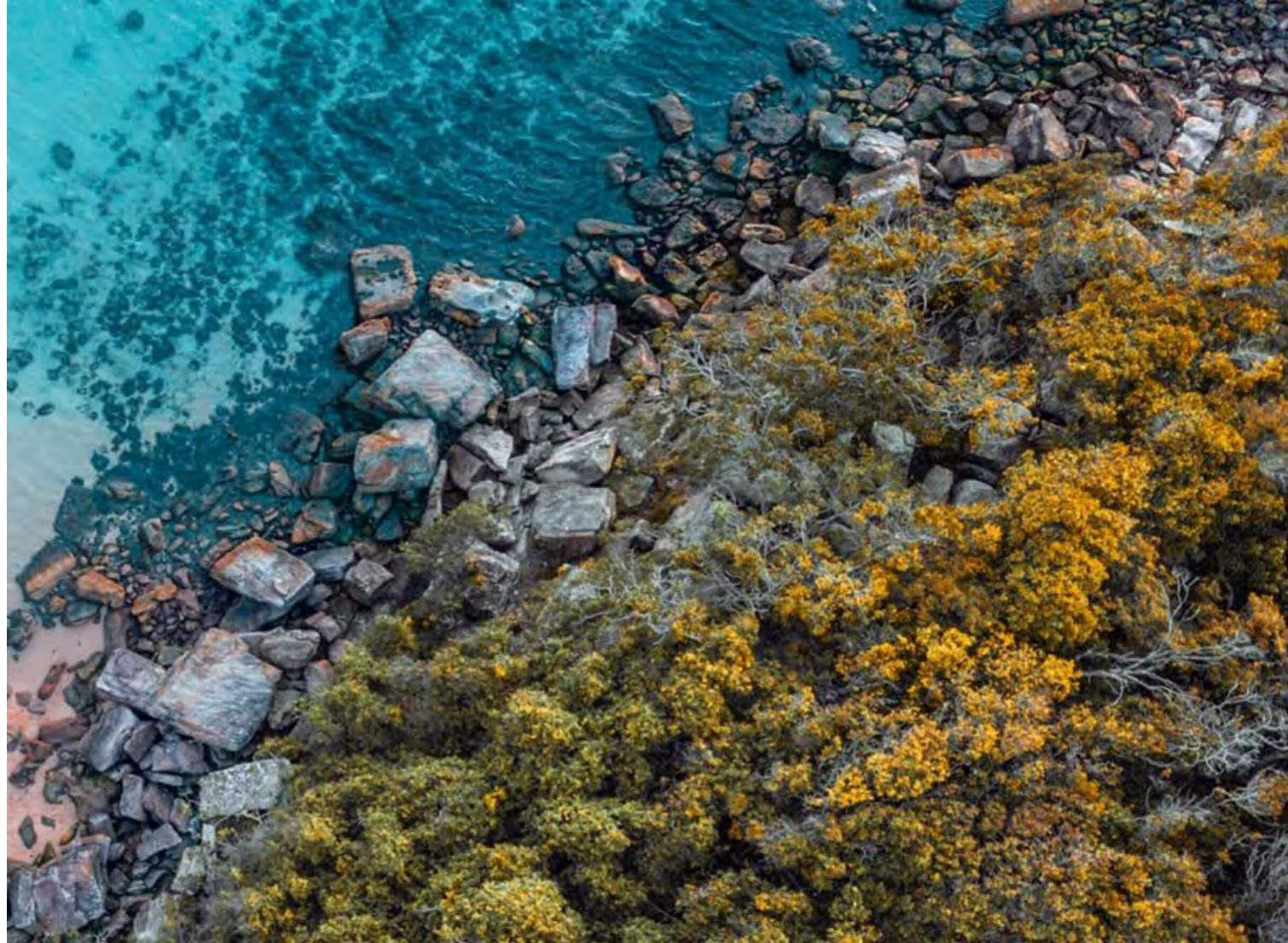
Australia - Aotearoa New Zealand



CARPENTRY

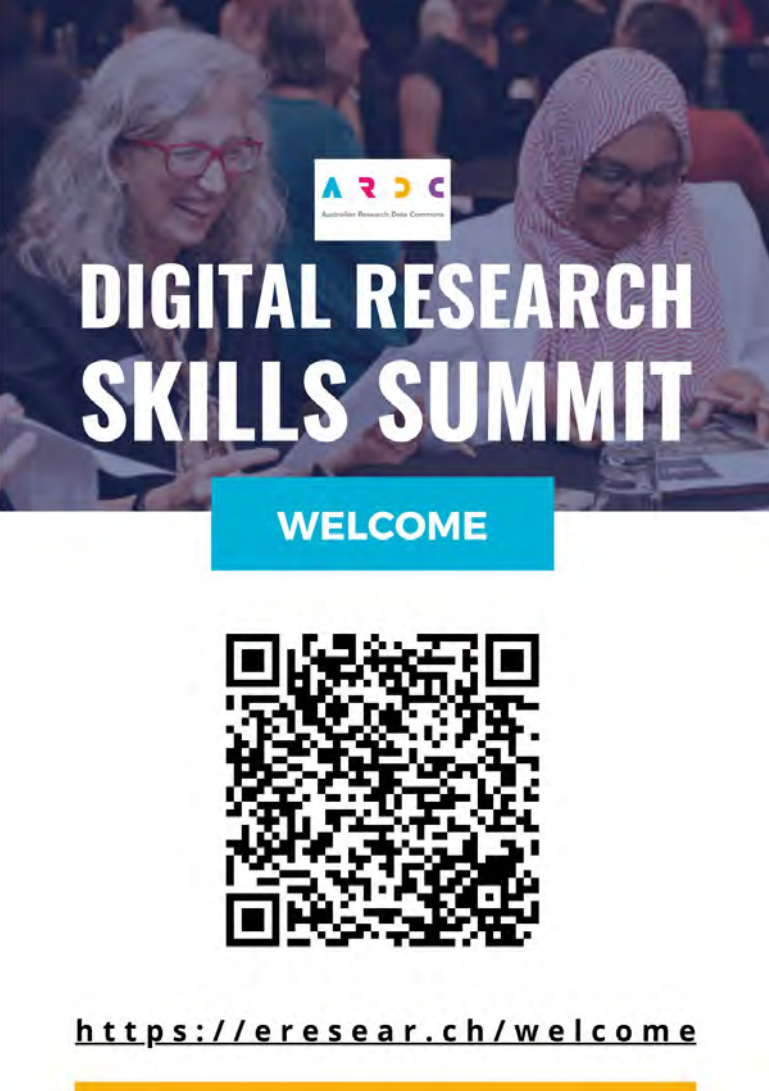
ACKNOWLEDGEMENT OF COUNTRY

We acknowledge and celebrate the First Australians on whose traditional lands we meet, and we pay our respect to their elders past, present and emerging.



Logistics

- Welcome pack
 - Code of Conduct for ARDC activities
 - Photography/recording
- Nearest exits
- Restrooms
- Catering
- Speaker gifts - Fifteen Trees
- Meet our skills concierges
- Overview of today's program




The graphic features a background image of two women, one with white hair and red glasses, and another wearing a pink hijab, both smiling and looking at a laptop. The ARDC logo is in the top right. The text 'DIGITAL RESEARCH SKILLS SUMMIT' is prominently displayed in white. Below it is a blue 'WELCOME' button, a large QR code, and the URL 'https://eresear.ch/welcome'.

ARDC
Australian Research Data Commons

**DIGITAL RESEARCH
SKILLS SUMMIT**

WELCOME



<https://eresear.ch/welcome>

Use the QR code to access your Welcome Pack

ARDC Skills Concierges



Adeline Wong

Skills Development Lead
(Learning Design)



Amany Gouda-Vossos

Skills Development Lead
(People)



Ellen Lyrtzis

Skills Development Lead
(NCRIS)



Kathryn Unsworth

Manager,
Skilled Workforce
Development



Kit Greenhill

Skills Development Lead
(HASS and Indigenous)



Liz Stokes

Skills Development Lead
(Trainer and Research
Communities)



Meirian Lovelace-Tozer

Skills Development Lead
(Services)



Rob Clemens

Skills Development Lead
(Planet)



**FIFTEEN
TREE5**

www.15trees.com.au



Welcome



Teach foundational coding and data science skills to **research** communities worldwide using **open software**

Build **community** and local capacity for these skills through hands-on workshops and **diverse roles**

A proven **train-the-trainer** method using evidence-based pedagogical practice.



*Instructor trainees from all over Australia and New Zealand at the inaugural Research Bazaar (University of Melbourne, February 2015).
Image credit: Nicole La Mela*

AU ANZ Community Connect 2024

Keystories



Dr Pao Corrales
Research Scientist and
Educator

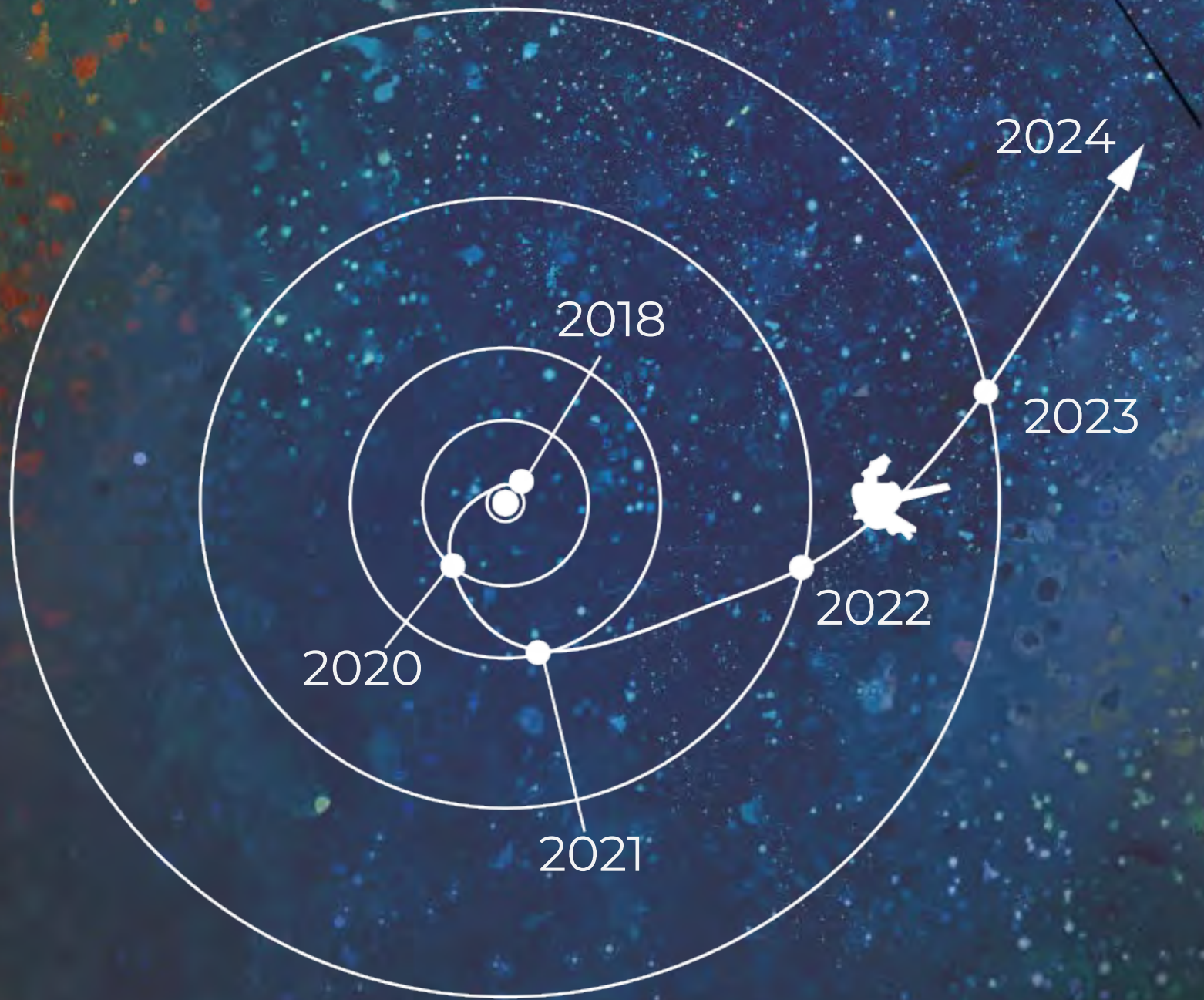
Pao has a PhD in Atmospheric Sciences and works on improving severe weather forecasts in Argentina. Pao loves teaching science and programming using evidence-based techniques centered on the students and their context. Pao has been a trainer and instructor for The Carpentries since 2020 and is now also part of their Board of Directors.



My voyage through The Carpentries

Pao Corrales

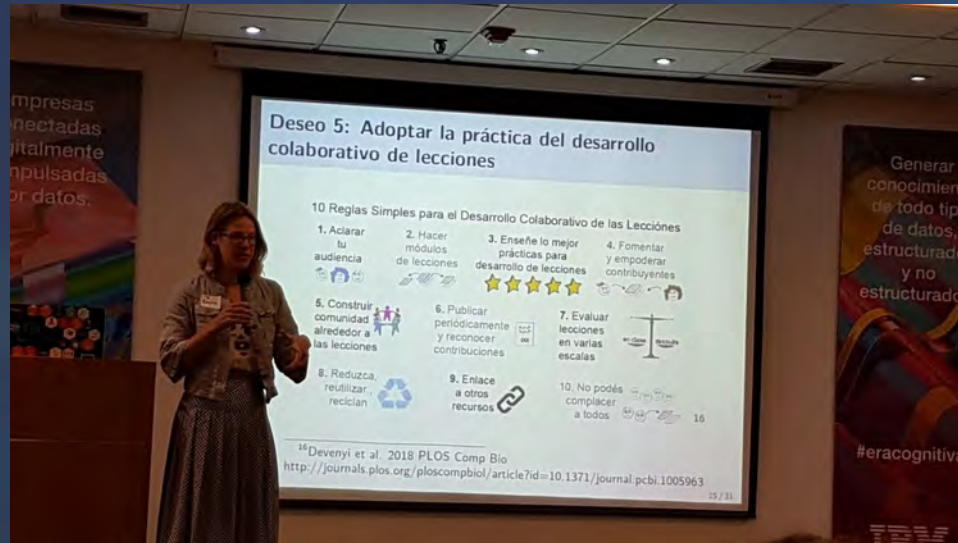




2018

- Rayna Harris visits Buenos Aires
 - RLadies meetup
 - Carpentries workshop (unix + git)
 - First Instructor training in Argentina (in English)

“I believe everyone learns more when science and education are open and reproducible”
Rayna



2019

- Tidyverse certification
 - Similar to instructor training but shorter and harder!
- More teaching
 - TA at a University of Buenos Aires
 - A lot of R-Ladies and RUG events

And I started seeing The Carpentries everywhere!

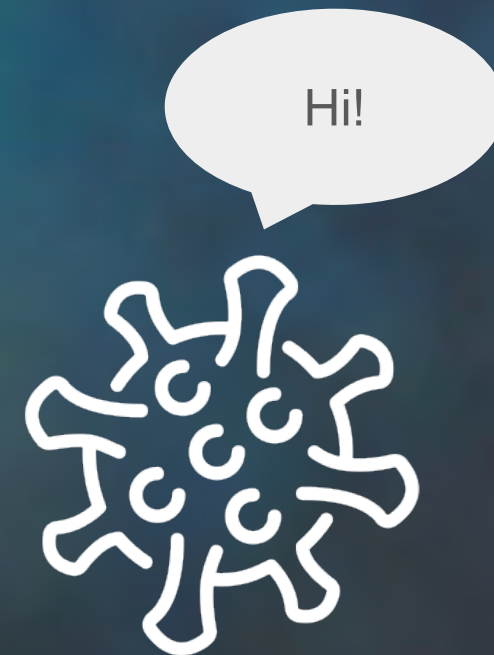
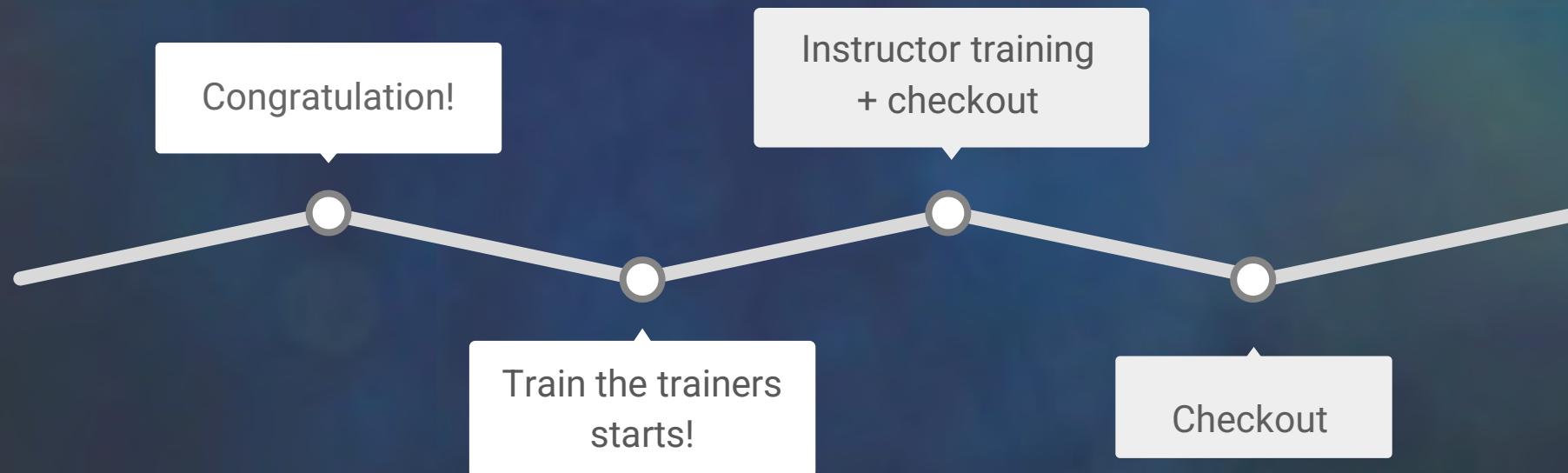
3... 2... 1... Blogdown!

Pao Corrales (R Ladies Buenos Aires)
Elio Campitelli (R en Buenos Aires)



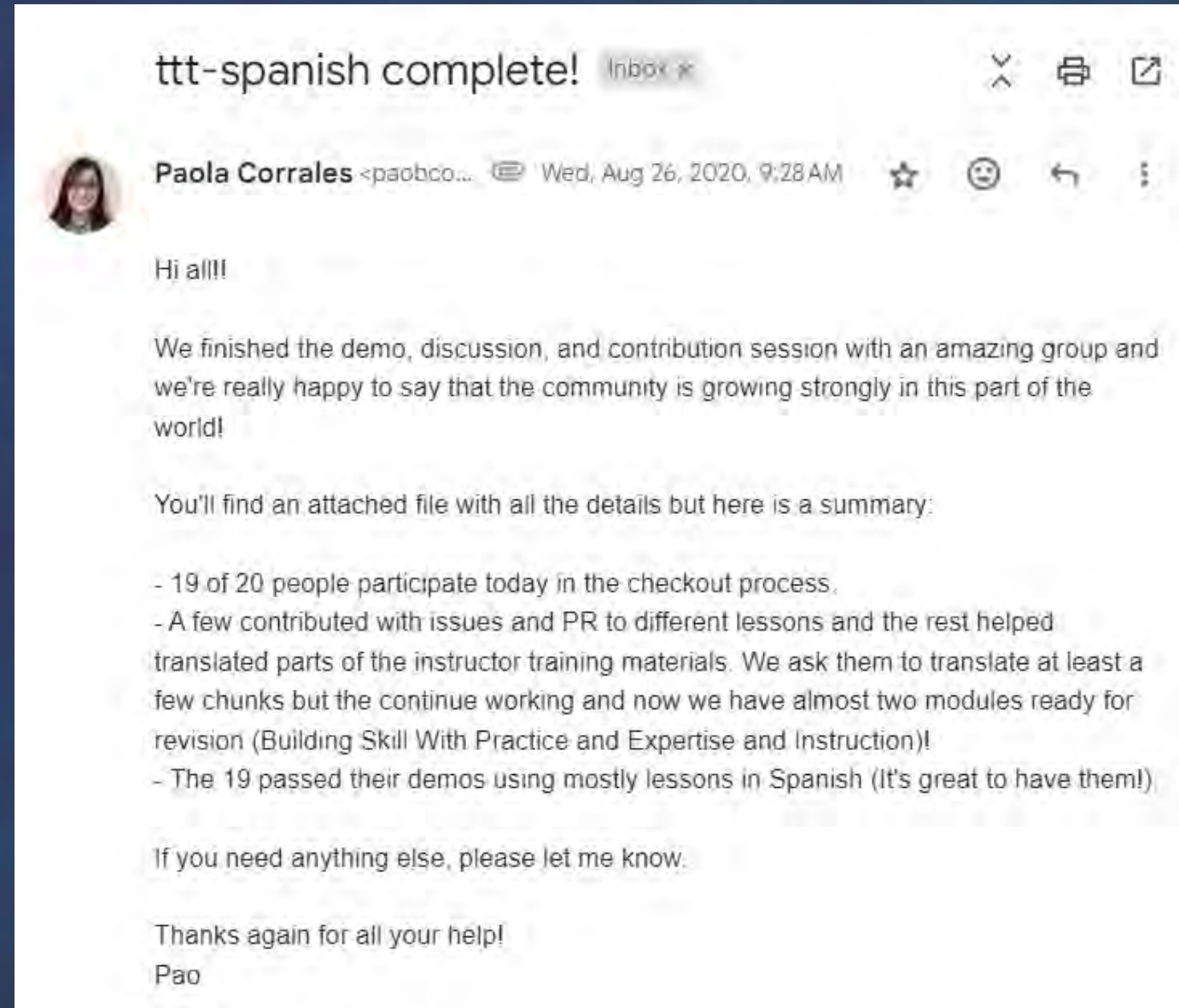
2020

- Would you like to be a trainer?
 - Who? Me?
 - What's a trainer again?
 - But I'm not an instructor, how can I be a trainer?



2020-2022

- 3 instructor training in Spanish
 - Around 75% of them got their certification→ checkout process in Spanish including a PR party!
- More trainers in Latin America



2022-2023

- The community in Latin America keeps growing!
 - Even more trainers and instructors
- I became part of the Trainers Leadership



2024

- I'm now part of the Board of Directors the The Carpentries
 - Program committee
 - Finance committee

- I've moved to Melbourne!



Thank you!

Find me here:
paocorrales.github.io

AU ANZ Community Connect 2024

Keystories



Dr Tom Saunders
Engagement Specialist
Centre for eResearch
University of Auckland

Tom Saunders is an Engagement Specialist in the Centre for eResearch, University of Auckland, where he coordinates delivery of researcher development workshops, including Carpentries workshops as a certified instructor. Tom is passionate about framing digital research skills in ways that encourage research communities across all disciplines to see the value in digital tools and participate in training offerings.

AU ANZ Community Connect 2024

Keystories

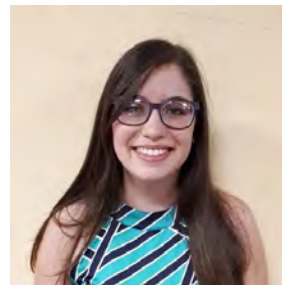


Dr Nisha Ghatak
Training Lead,
New Zealand eScience
Infrastructure (NeSI)

Dr. Nisha Ghatak is a Training Lead at New Zealand eScience Infrastructure (NeSI). Her role as a Regional Coordinator and member of the Board of Directors Carpentries allows her to bring together researchers across institutions nationally, while recognising their needs for capability development.

The Board is Listening

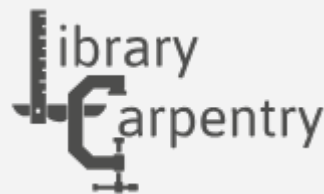
Mark Crowe, Pao Corrales and Nisha Ghatak



Carpentry Connect 2024

Australia - Aotearoa New Zealand

Lightning talks



CARPENTRY

How to streamline your Carpentries workshop set up

Mark Crowe



Carpentries-style workshops at Monash

Paul Harrison, Monash University



What is the Software Carpentry Governance Committee up to?

Valentina Hurtado McCormick (CSIRO)





**THE
CARPENTRIES**

Carpentry Connect 2024

Australia - Aotearoa New Zealand

Perth Hub

Pawsey Supercomputer Centre
May 23rd 2024



The SWC Governance Committee



Scan me

BEFORE



Lesson Program Governance Committee

- Auditing existing lessons – core.
- Promoting new lessons – incubator and lab.
- Updating the curriculum – big updates.
- General governance – website.

Curriculum Advisory Committee

Approving major changes as stated in the CAC consultation rubric in the Carpentries Handbook.

Governance Committee

Plus assist the Core Team when needed – reduced capacity (layoffs).



AFTER

BEFORE



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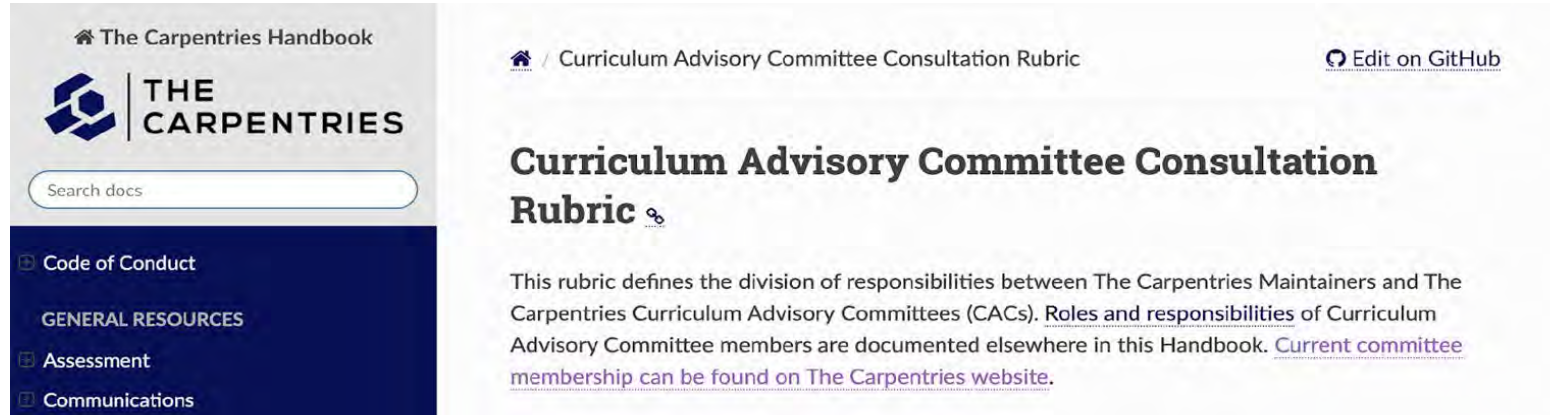
Approving **major changes** as stated in the CAC consultation rubric in the Carpentries Handbook.

Governance Committee
Plus assist the Core Team when needed – reduced capacity (layoffs).



AFTER

How do **major changes** happen?



- Issues over which Maintainers have full authority and which do not need CAC involvement.
- Issues about which Maintainers should notify the CAC.
- Issues that may benefit from Maintainers consulting with the CAC, but over which Maintainers retain authority.
- Issues for which Maintainers must seek CAC approval.



Scan me

What **major changes** do you want to see?

software carpentry

Version Control with Git | Key Points | Glossary | Learner Profiles | More

Search the All In One page

Learn View

Summary and Setup

Next: Automated Version...

EPISODES

- Summary and Setup
 - Installing Git
 - Creating a GitHub Account
 - Preparing Your Working Directory
- 1. Automated Version Control
- 2. Setting Up Git
- 3. Creating a Repository

Summary and Setup

Wolfman and Dracula have been hired by Universal Missions (a space services spinoff from Euphoric State University) to investigate if it is possible to send their next planetary lander to Mars. They want to be able to work on the plans at the same time, but they have run into problems doing this in the past. If they take turns, each one will spend a lot of time waiting for the other to finish, but if they work on their own copies and email changes back and forth things will be lost, overwritten, or duplicated.

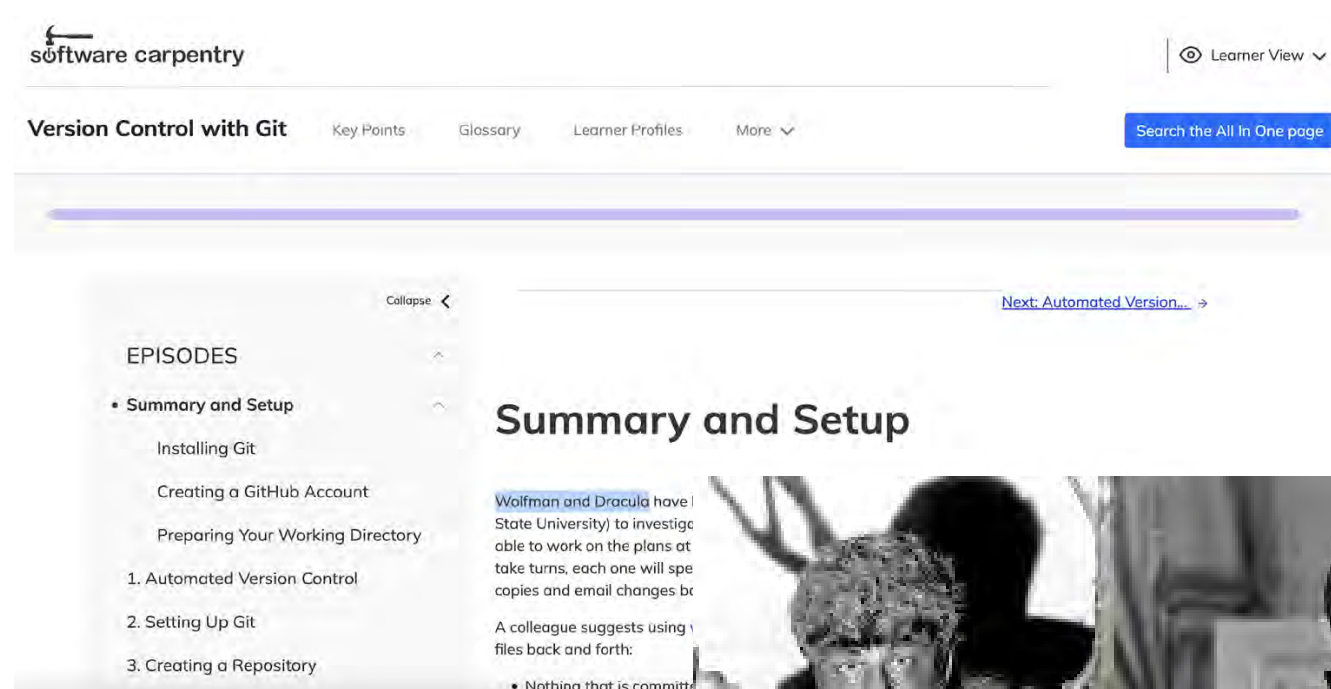
A colleague suggests using [version control](#) to manage their work. Version control is better than mailing files back and forth:

- Nothing that is committed to version control is ever lost, unless you work really, really hard at losing it.

What **major changes** do you want to see?

The screenshot shows the software carpentry website interface. At the top left is the logo 'software carpentry' with a key icon. To the right is a 'Learner View' dropdown menu. Below the logo is a navigation bar with 'Version Control with Git' as the active page, followed by 'Key Points', 'Glossary', 'Learner Profiles', and 'More'. A search bar labeled 'Search the All In One page' is on the right. A purple progress bar is visible below the navigation. On the left side, there is a sidebar with 'EPISODES' and a list of topics under 'Summary and Setup': 'Installing Git', 'Creating a GitHub Account', 'Preparing Your Working Directory', '1. Automated Version Control', '2. Setting Up Git', and '3. Creating a Repository'. The main content area is titled 'Summary and Setup' and contains text about 'Wolfman and Dracula' and a list item: '• Nothing that is committe...'. Below the text is a black and white image of a man in a wolf mask and a man in a Dracula costume.

What **major changes** do you want to see?



1931

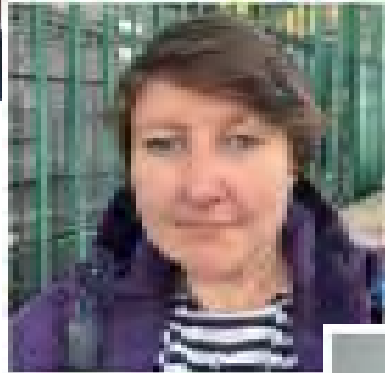
Almost a century ago!



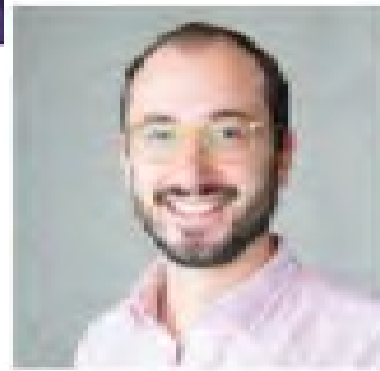
We want to hear from you!



Valentina Hurtado-McCormick, [Australia](#)
Co-Chair SWC GC
Maintainer (Shell Genomics lesson)
Instructor
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Samantha Ahern, [UK](#)
Co-Chair SWC GC
Instructor and Trainer
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Martino Sorbaro, [Italy](#)
Secretary SWC GC
Maintainer (Git lesson)
Instructor and Trainer
martopix@gmail.com



swc-governors@lists.carpentries.org

Sharing Knowledge and Collaborating in the WA Carpentries Community



Emily Barker

University of Western
Australia



Australian Research Data Commons



Windows on Carpentries Community in Western Australia

University of Western Australia, Curtin University and Pawsey Supercomputing Centre



Emily Barker

University of Western Australia,
Senior HPC Engineer

Lightning talks Aotearoa Carpentries

Nisha Ghatak - NeSI collaborations with The Carpentries
Tom Saunders - Center for eResearch at University of Auckland
Murray Cadzow - Carpentries community at University of Otago



ARDC Carpentries Partnership

Liz Stokes



Why a Partnership?

- Local (national) coordination
- Encourage collaboration
 - Shared niches
 - Internationally
- Build capacity among AU researchers AND service providers
 - Trainers
 - Researcher mentors
- Increase efficacy of digital skills trainers



Photo by [David Tostado](#) on [Unsplash](#)

ARDC partners



Instructor Training 2022-2023

121 attended Instructor Training

41 Certified instructors

28 certified instructors 2022

13 certified instructors 2023



AARNET - 6 (0)

AIMS - 4 (0)

ARDC - 10 (3)

Burnett 3 (1)

CSIRO 13 (5)

Curtin 11 (7)

Intersect - 12 (4)

Monash 6 (6)

NCI - 10 (3)

QCIF - 19 (14)

UniMelb - 10 (3)

UNSW - 6 (3)

UWA - 10 (4)

What next?

- Small cohort of Instructor Training scholarships
- Community engagement
- Sustainability: Trainer refresh

Thinking about:

- **Ways for organisations to join the partnership beyond purchasing seats?**
- **Individual members?**
- **National approaches to multidisciplinary research technology conferences like ResBaz?**

Engagement pathways: Carpentry community perspectives



Stand and stretch micro break



Workshop: Revitalising Git





Revitalising Git



<https://eresea.ch/git>

Revitalising Git Survey



<https://eresea.ch/git-survey>

Wrap up & post event networking



Feedback Survey



<https://eresear.ch/survey>

INTERNATIONAL DATA WEEK 2025

*Trusted research data driving
innovation and a better world*



Australian Research Data Commons



NCRIS
National Research
Infrastructure for Australia
An Australian Government Initiative

The ARDC
is enabled
by NCRIS



COMMITTEE ON DATA
CODATA
INTERNATIONAL
SCIENCE COUNCIL



RESEARCH DATA ALLIANCE



WORLD
DATA SYSTEM

See you in
Brisbane
Australia

13 - 16 OCTOBER 2025



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[ARDC_AU](https://www.youtube.com/ARDC_AU)