

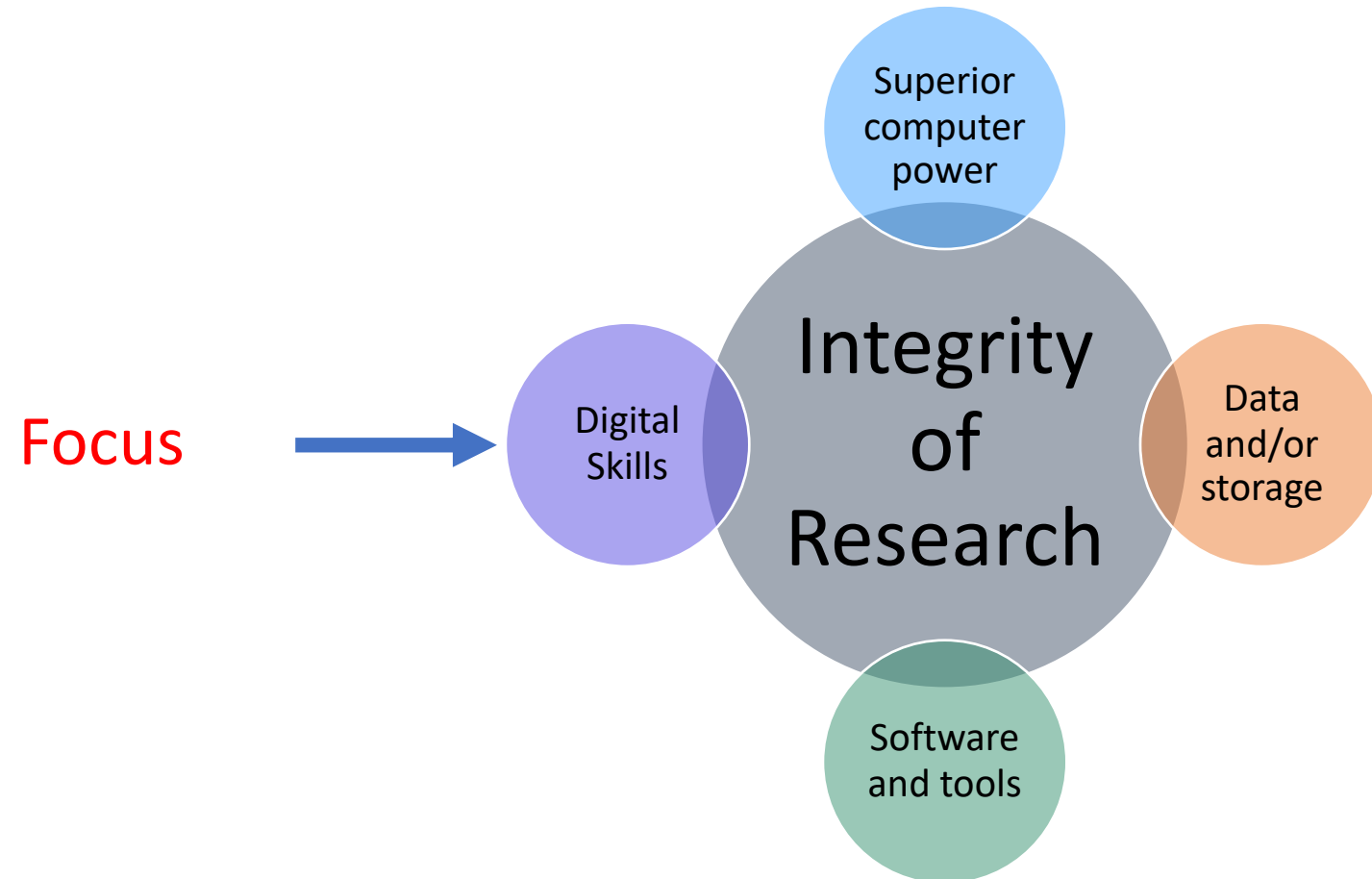
NCI Training Strategy and Impact Story

to address pressing training needs from user community

Jingbo Wang

ARDC Skill Strategy and Impact 2021

Mission: To underpin the integrity of research, we need to provide training opportunities to support users to develop their digital skills.



400+ individual responses, 30+ Stakeholder's consultation, 15+ staff consultation



Identified Gaps



Identified Gaps



Identified Gaps





Puppy in training



Guide Dog In training



Working Guide Dog



Autism Assistance Dog

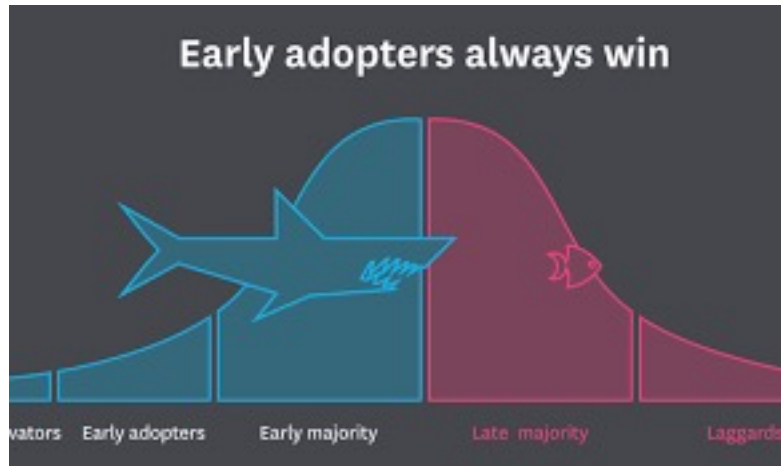
Immediate impacts – career accelerator



Impacts – middle term



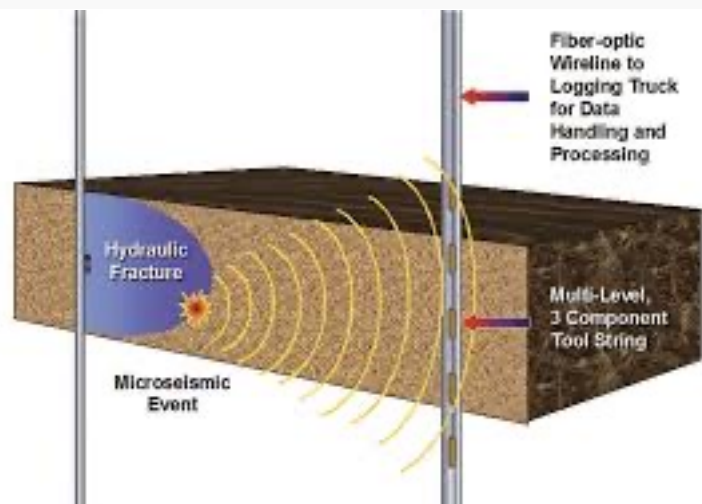
Impacts – middle term



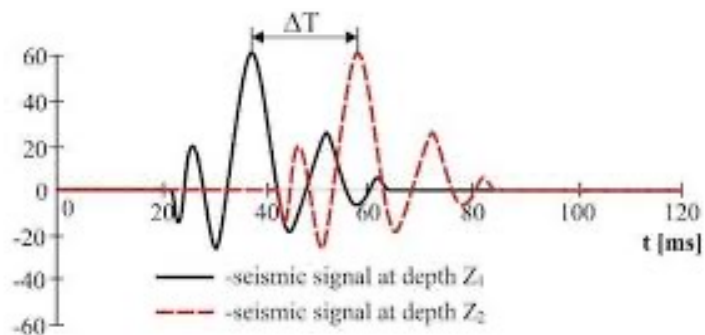
Impacts – community



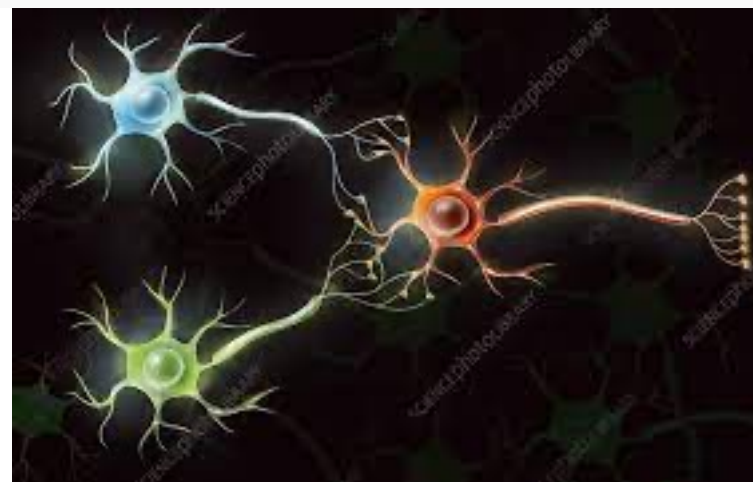
Impacts – inspire cross-disciplinary research leverage



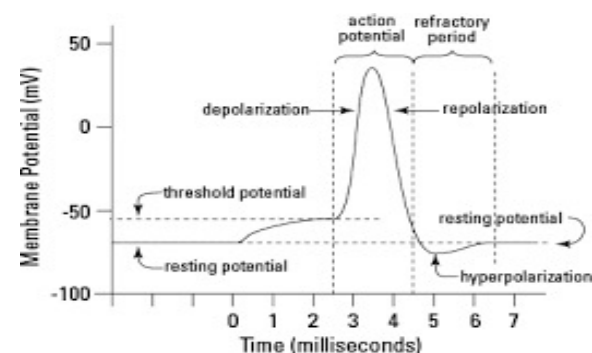
Microseismic events



Two seismic signals at different depths

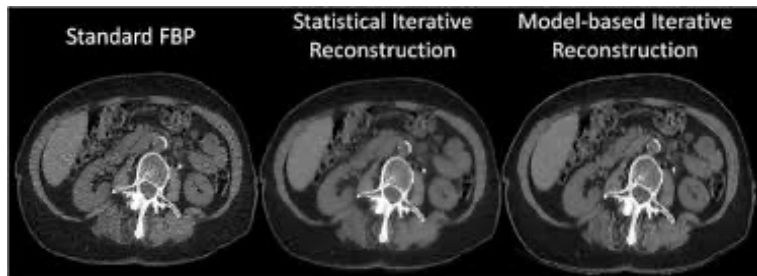


Nerve impulses



Transmission of nerve impulses

Impacts – inspire cross-disciplinary research leverage

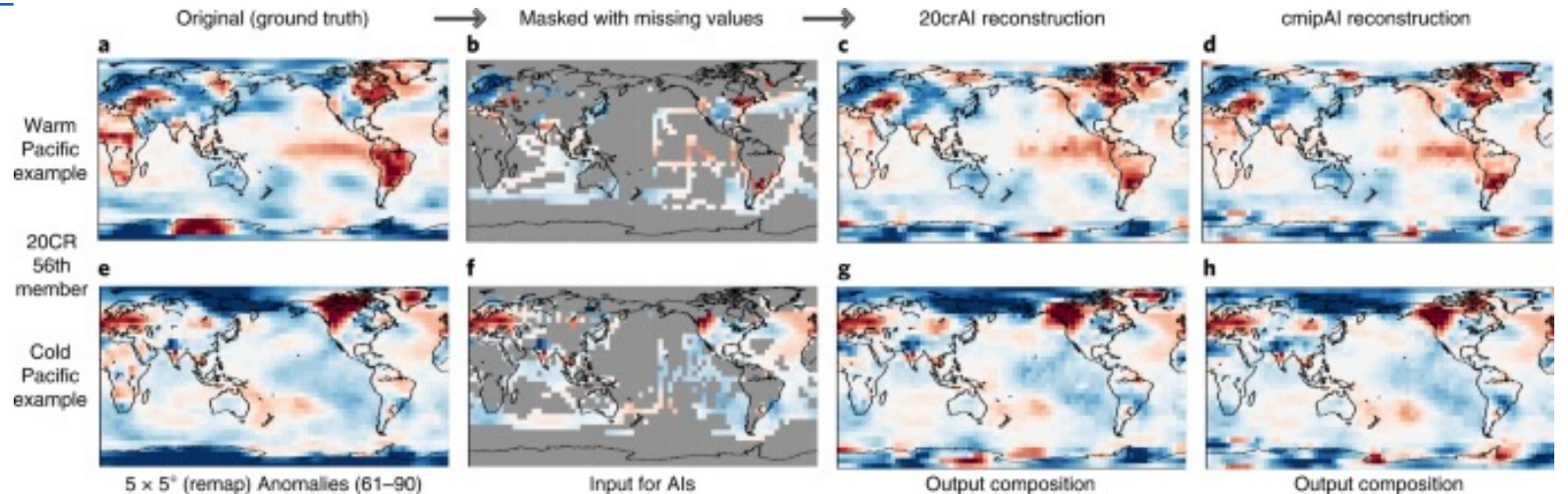


Iterative reconstructions in brain with lower dose with uncompromised image quality

AI models reconstruct two exemplary monthly show cases with many missing values

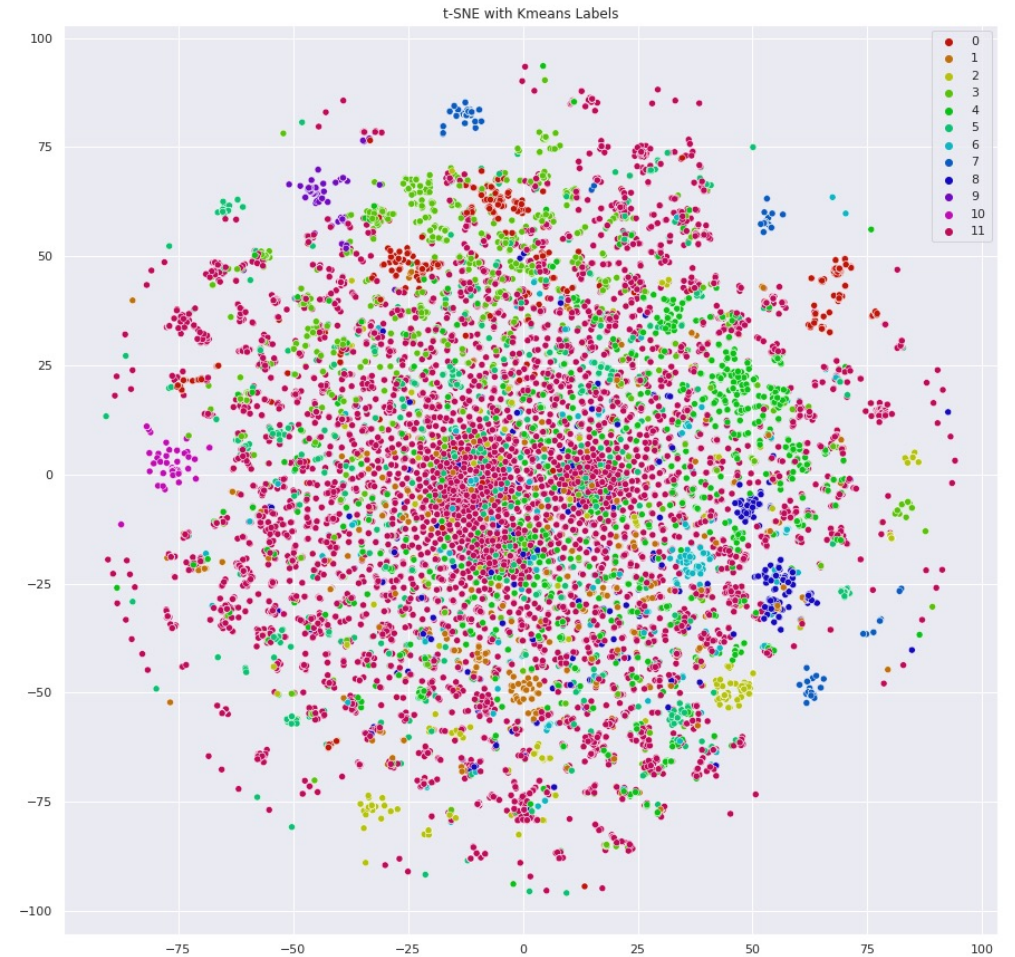
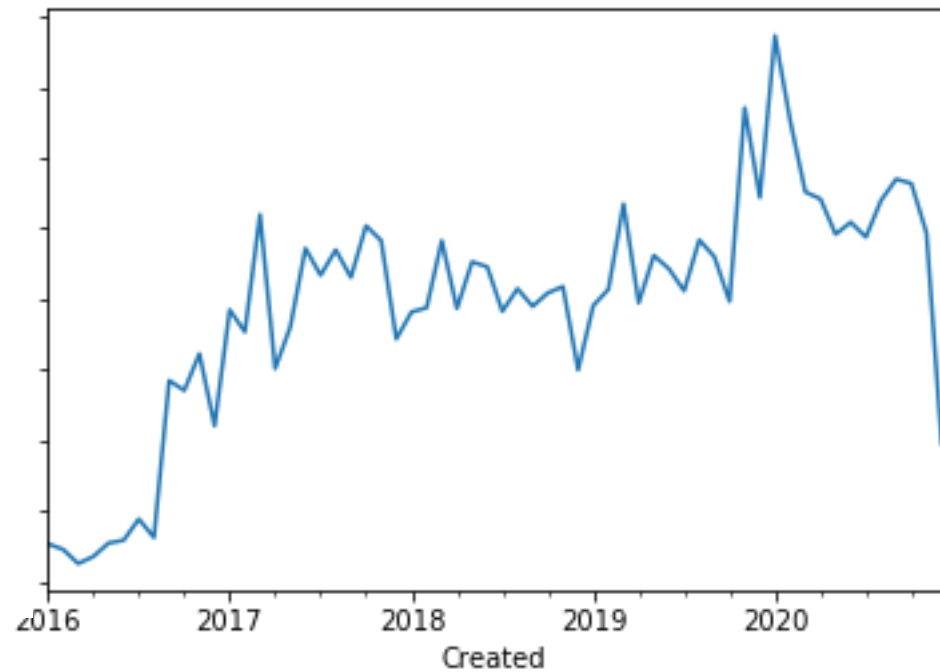


Terrain reconstruction: (a) satellite imagery, (b) altitude data, (c) 3d model

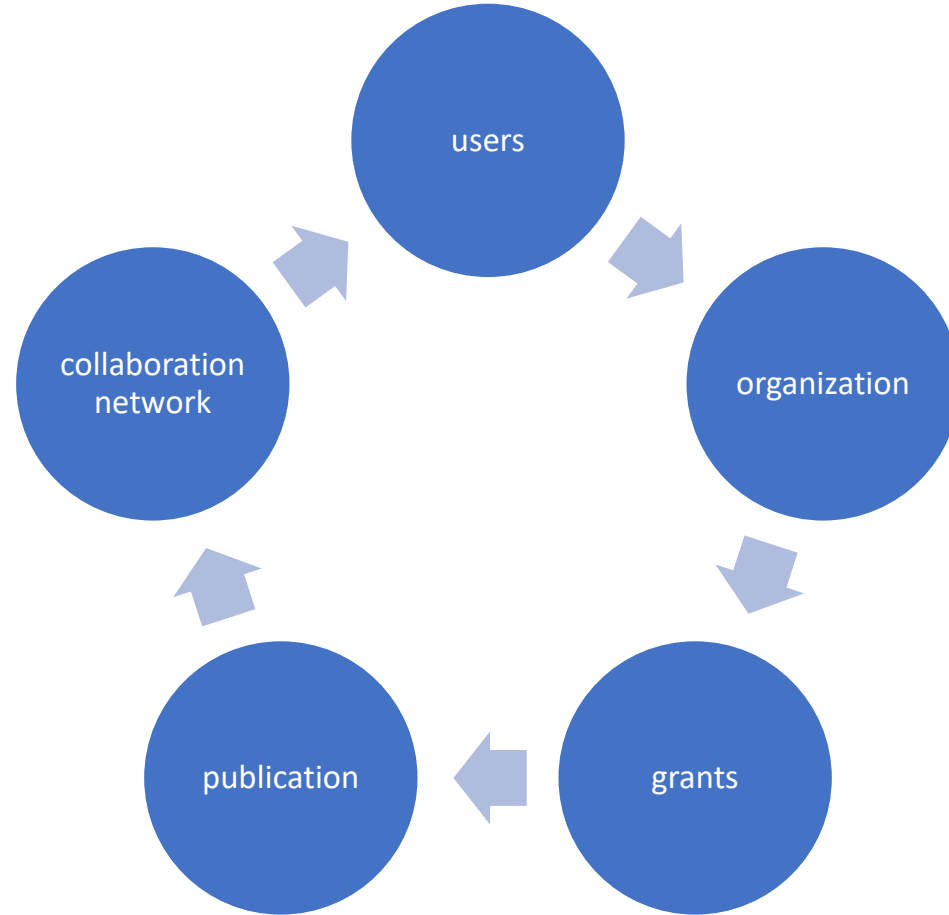


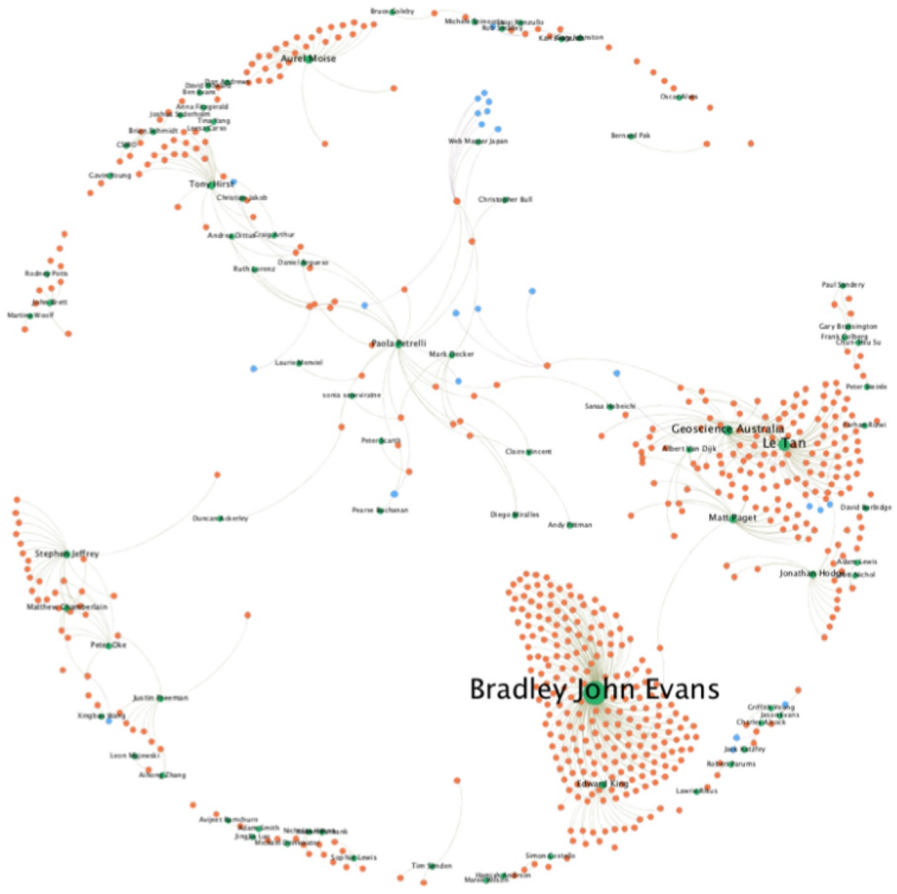
How to quantify impact?

- User feedback
- Help desk tickets
- system log

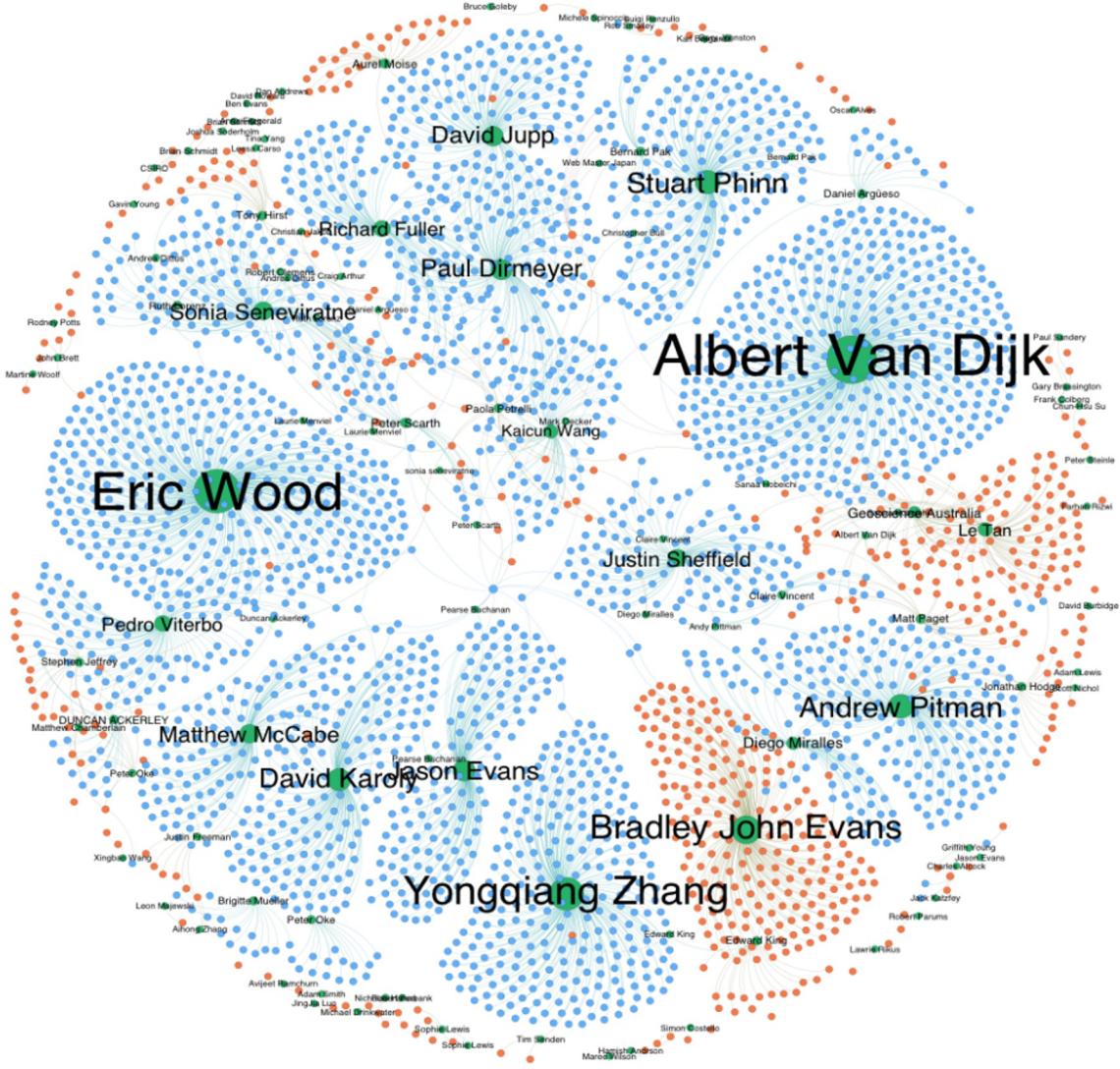


Footprint of our users in research life cycle serves the foundation to measure the impact of training activities to the community





NCI Original Graph



NCI Augmented Graph
(Nature Scientific Data, 2018)

Values





NCI Training Team: training.nci@anu.edu.au

Recruiting Associate Training Officer

https://nci.org.au/sites/default/files/documents/2021-10/Associate%20Training%20Officers_0.pdf