

# Science communication

Dr Ananthan Ambikairajah

University of Canberra

## Part 1: Communication

- ▶ Public speaking
- ▶ Writing
- ▶ University radio host
- ▶ Stand up comedy



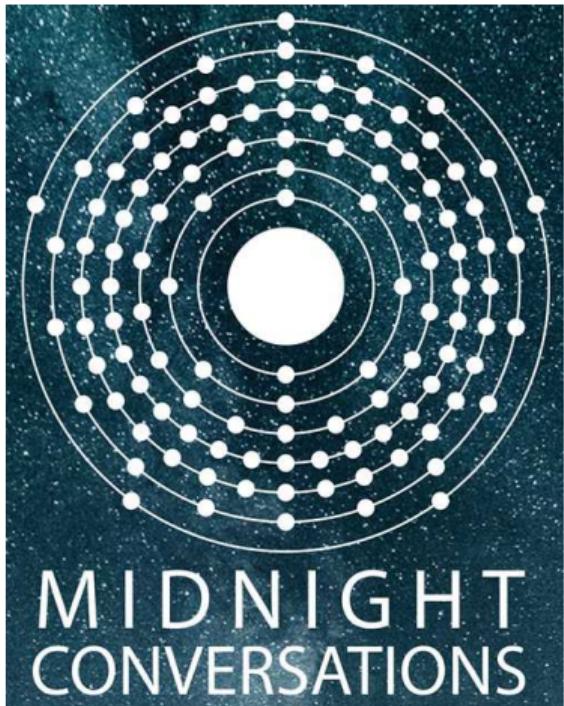
## Part 2: “Science” Communication

- ▶ Science teacher at Matrix Education
- ▶ Science student Ambassador for UNSW
- ▶ Science communicator at Neuroscience Research Australia



## Part 3: Science Communication

- ▶ PhD
- ▶ Blog posts
- ▶ Podcast
- ▶ Academia



# Part 3: Science Communication

Ananthan Ambikairajah

Publications   Teaching   Podcast   CV   Media Outreach



**Dr Ananthan Ambikairajah**

Neuroscientist. Educator. Science Communicator.

University of Canberra

Website

Email

Google Scholar

ORCID

ResearchGate

Web of Science

Github

LinkedIn

X (formerly Twitter)

Wikipedia

YouTube

I'm running the Canberra Marathon for Dementia Australia - donate below

Donate

Ananthan is a passionate neuroscientist, educator and science communicator. He is a Lecturer at the University of Canberra (UC) and a core member of the Centre for Ageing Research and Translation (CARAT) at UC. Ananthan completed his PhD in Neuroscience at the Australian National University in 2022. In 2024, Ananthan received the Outstanding New Researcher Highly Commended Award from the ACT Minister for Health. His research interests include genetic, environmental and lifestyle factors which influence ageing, brain health and disease, with a particular focus on sex-specific determinants and cardiometabolic factors. His recent research focuses on the potential for risk reduction in dementia. Ananthan has expertise in big data analyses, statistics, git, Linux and R. In 2023, he developed and continues to lead the Generative Artificial Intelligence (GenAI) Community of Practice for the Faculty of Health at UC, which aims to up-skill staff on their understanding, use and adoption of GenAI to enhance their learning, teaching, research and professional practice. Following his Undergraduate degree in Neuroscience at UNSW, he completed a Master's in Teaching (Secondary) and is a Higher Education Academy Fellow. In 2024, Ananthan received the Faculty of Health Student Nominated Award for Excellence in Teaching at UC. Ananthan regularly engages with media and his research has been covered by ABC News, Nine News, The Sydney Morning Herald, the Australian Financial Review, The Australian and ABC Radio. He also hosts a podcast called Midnight Conversations, which aims to communicate research and the principles of scientific thinking to the public in an engaging and accessible way. His podcast is available on Apple Podcasts, Spotify and SoundCloud.

## Featured Research Presentation

<https://ananthanambikairajah.com/>

## Take home messages

- ▶ Know your why
  - ▶ Audience
  - ▶ Format
  - ▶ Content
- ▶ Work on your craft
  - ▶ Three minute thesis
  - ▶ Pint of science
  - ▶ Journal club
- ▶ Opportunity and responsibility