

SAMUEL CORNELL

Researcher

📍 Sydney, Australia

🌐 samuelcornell.com

🐙 Github

✉ hello@samuelcornell.com

in LinkedIn



EXPERIENCE

Drone Pilot

Australian UAV Service

📅 August 2022 – Ongoing

📍 Sydney, Australia

- Operating UAVs to conduct aerial surveillance of Sydney beaches to keep beach users safe
- Following Standard Operating Procedures
- Reporting to SurfCom

Beach Safety Presenter

Surf Life Saving New South Wales

📅 October 2022 – Ongoing

📍 Sydney, Australia

- Presenting information on beach safety to a diverse array of demographics including culturally and linguistically diverse communities
- Using creativity and imagination to engage the audience whether online or in person

Doctoral Candidate

School of Population Health, University of New South Wales

📅 September 2022 – Ongoing

📍 Sydney, Australia

- Co-designing social media-based safety information to prevent injury-related harms at aquatic Instagram hot-spots
- Collaborating with key industry organisations - Surf Life Saving Australia, Royal Life Saving Australia and Instagram

National Trial Coordinator

Sydney School of Public Health, University of Sydney

📅 December 2019 – December 2022

📍 Sydney, Australia

- Coordinating a multi-state implementation study for cardiovascular disease prevention (CHAT-GP)
- Liaising with a varied array of stakeholders including government agencies, Primary Health Networks, general practices, public health professionals and an IT consultancy firm
- Liaising with the media to promote our research

Research Assistant

UNSW Beach Safety Research Group, University of New South Wales

📅 November 2021 – Ongoing

📍 Sydney, Australia

- Currently conducting doctoral research with the UNSW BSRG
- Writing communication pieces for public engagement
- Writing manuscripts which investigate rip currents and other beach safety topics

EDUCATION

Doctoral Candidate

University of New South Wales, Sydney, Australia

📅 September 2022 to present

Master of Science by Research in Public Health

University of South Wales, Cardiff, UK

📅 October 2017 – August 2019

Bachelor of Science (Hons) in Physiological Science

University of Bristol, Bristol, UK

📅 September 2014 – July 2017

CERTIFICATIONS

- Current First Aid certs (HLTAID 009,010,011) 14/05/22
- Mental Health First Aid 11/10/21
- Advanced Resuscitation (HLTAID 015) 22/11/2022
- Remote Pilot Licence (CASA)
- Full clean car and motorbike licence
- Valid, in-date Working with Children Check

VOLUNTEERING

- Volunteer Surf Lifesaver, Coogee SLSC Bronze Medallion, Silver Beach Management Medallion

PUBLICATIONS

For a list of my academic publications please see my academic curriculum vitae here or check out my Google Scholar page.

WRITING

I have published pieces in *GamesRadar* and *Trail Running Magazine*, UK, local Sydney magazines such as *The Beast* amongst others. I write public engagement of science articles such as this *risk communication* piece and these on *public health promotion* and *health equity*.

Research Assistant

University of Sydney

📅 January 2019 – July 2019

📍 Sydney, Australia

- Establishing a major national clinical trial in secondary schools assessing an eHealth program targeting multiple chronic disease risk factors among young Australians
 - Managing school and student participation
 - Administrative management of study activities including large scale mail outs of questionnaires, tracking follow up and participant rates
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Research Officer

Public Health Wales

📅 October 2017 – June 2018 PT

📍 Cardiff, UK

- Worked within the Health Promotion Division to assess and promote a lifestyle prescription, which I wrote my thesis on
 - Specifically interested in cardiovascular disease prevention
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Widening Participant and Recruitment Leader

University of Bristol

📅 January 2015 – June 2017 PT

📍 Bristol, UK

- I wore numerous hats within this role including working as a Summer School Lead Mentor for high school students from low socioeconomic backgrounds– increasing representation at the University from marginalised groups
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Sports Activator

University of Bristol

📅 September 2015 – June 2017 PT

📍 Bristol, UK

- Championing recreational and intramural University sport to increase participation from underrepresented groups including those with disabilities, international and mature students
 - Oversaw the financial aspects of the program and tracked participation
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Mine Clearance Diver

Royal Navy

📅 February 2012 – August 2014

📍 Portsmouth, UK

- Trained as Mine Clearance Diver - Underwater Explosive Ordnance Disposal specialist
 - Teamwork and communication skills honed to a superior level
 - Forged staunch leadership characteristics
 - Certificate of Excellence in Basic Recruit Training
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SOFT SKILLS

Strong communicator

Engaging

Leadership and ability to delegate

Organised

Passionate, resilient and enthusiastic

Accountable and dependable

Writing

Public speaking

HARD SKILLS

Stats

Qualitative methods

Data viz

Github

Project management

Microsoft Office

R

Command line tools

INTERESTS

I am a keen runner, having completed numerous events including multiple ultramarathons. I have a deep interest in history, a love for Stoic Philosophy, Greek mythology, and the American existentialists Henry David Thoreau and Ralph Waldo Emerson.

AWARDS

- Naval Basic Training Excellence Commendation
- Certificate of Merit in Physiological Science 2nd year
- Knowledge Economy Skills Scholarship - full tuition funding and living stipend for Master of Science
- UAP scholarship from UNSW for doctoral studies