



POSTGRADUATE RESEARCH SCHOLARSHIP IN CURIOUS ARTIFICIAL INTELLIGENCE

We seek a PhD candidate with a background in the area of computational creativity, creative AI, and/or machine learning. Are you passionate about using algorithms for good? Do you want to help computers understand surprise, creativity, and diversity? Then come build curious machines with us!

Working with Dr Kazjon Grace you will be part of an ARC-funded project at the intersection of AI, cognitive science and human-centred design. Intelligent algorithms have a bad reputation when it comes to changing behaviour: they give us more of what they know we want. They can blinker us and make us more partisan and hyper-focused. We are investigating how algorithms can instead be used to predict and stimulate human curiosity, with a project funded specifically in the domain of food and nutrition. You will help develop new kind of persuasive algorithm that makes us want to try new things, to broaden our horizons, and to embrace curiosity.

The position is in the Design Lab in the School of Architecture, Design and Planning: an interdisciplinary group that works with researchers in science, technology, medicine, and the humanities alike. We're an eclectic group of researchers developing new kinds of digital experiences through the use of AI, novel interface modalities, design thinking and design innovation. Come join a diverse team of passionate people envisioning the smart and connected future.

Those with an excellent background in AI, Machine Learning and/or Cognitive Science are invited to apply. Applicants should have completed a four year bachelor's degree with Honours Class I OR a Masters-level qualification with a research component.

It would be desirable for the recipient to have a record of peer-reviewed publication in international journals and/or highly selective conferences.

Our university is an equal opportunity employer, a fact celebrated here in our lab. We are committed to a nurturing, diverse and inclusive environment for all our staff and students.

Please contact Dr Kazjon Grace (kazjon.grace@sydney.edu.au) with any questions.