

Name and title: Dr Anna Shillabeer

Current position: Teaching Program Director (Computing and Mathematical Sciences)

Qualifications: PhD

Recent academic appointment record (last 10 years):

July 2015 - Present

Teaching Program Director – Computing and Mathematical Sciences.
Head ICT College of Science and Engineering
Director Flinders Cisco Academy
Flinders University of South Australia

July 2012 – December 2014

Head of Department – IT/CS, RMIT University Vietnam

March 2007 – June 2011

Assistant Professor, Carnegie Mellon University, Heinz School Adelaide.

Contributions to educational development:

My development, administration and review activities have produced a set of high achieving courses with improved outcomes. I have developed and taught new Data Science, Operating Systems, Computer Networks, Cisco and Enterprise Security topics, supervised 15 computer science and digital health projects for Honours and Masters and 4 PhD candidatures since 2015. Course Coordinator for the following courses: Digital Health Systems honours, Masters in Information Technology including a specialisation, Masters in Computer Science including two specialisations, and I lead development and delivery of all online offerings. Led innovation projects to develop a set of agreed, consistent teaching standards, practices and FLO interfaces for my TP. I designed templates for online learning and a student engagement framework, now integrated into all topics. Leading a review of all assessment to ensure appropriate assessment is provided, to reduce over-assessment and be confident that we are able to evidence students meeting learning outcomes. Led the design and approval of two new courses (Bachelor of Computer Science (AI) and a Certificate in Cybersecurity) and have expanded our Masters offerings to meet global industry drivers (Masters in Information Technology (Networks and Cybersecurity), Masters Computer Science and MCS (Data Science) and (AI). As TPD, I review and approve all SAMs and grade changes, evaluate credit articulations and requirements for non-standard applications. As an Education Committee member, I engage to review and approve all topic and course changes across College and resolve issues in teaching quality. I am currently responsible for developing solutions for resource gaps, poorly designed assessment, inconsistency in FLO pages and disjointed delivery of topics across different semesters. I am one of 4, leading STEM 4.0, a major curriculum review of all College topics and offerings by end 2021 to identify areas for improvement in College teaching design and delivery to improve quality and graduate outcomes. I am leading the investigation and design of a delivery framework for block teaching which has demonstrated success in an early trial.

Previous industry appointments:

January - December 2015

Asian Development Bank - Vietnam

International Consultant - Higher Education Accreditation Expert

September 2013 – November 2016

Avenir Health - USA

Team Leader – Vietnam

Technical Assistant

April 2011 – June 2012
Ernst & Young, Adelaide, Australia.
Senior Consultant – Health & Education

Collaboration and consulting with industry:

Co-Chair Flinders CSE Industry Advisory Board
Board Member – TAFE SA
Board Member – CMU Adelaide
TEQSA Panel of Experts

Other relevant professional activity:

- I am the most senior Teaching Specialist in the TP and I developed a mentoring and support processes for new academic staff. I supervise all Teaching Specialists in my TP and managing professional development, promotion applications and career advice.
- I have engaged on all interview panels and selection committees for CMS and 2 Engineering recruitment panels. I provided input to the writing of PD's for the new CMS positions.
- As a member of the International Committee I am leading a number of initiatives to improve the learning environment for our international Masters e.g. developing a welcome pack for international students and developing a series of cultural activities with student collaboration to improve wellbeing.
- On the Student matters, Show Cause committee I review, and advise on, all poor performance cases across College.
- My Coursework Recruitment Working Group initiative for the introduction of an industry focused cybersecurity Certificate to provide pathways into Bachelor degrees is showing positive traction (1st intake ranked #7 in the university). I also developed an activity toolbox to enable a rapid response to external requests to visit and to attract potential students.
- Through the Academic Workload Consulting Group I am responsible for identifying and managing resourcing problems and gaps, proposing solutions to ensure all teaching is covered appropriately, allocating all topics to academics and negotiating new and/or changed allocations.