

Your new Learning and Teaching Team in the Faculty of Science and Engineering

A bit about us



Dr Danny Liu, a senior teaching fellow and the learning and teaching team lead, is a molecular biologist by training, programmer by night, and educator at heart. He has convened, taught, and redeveloped units with 1000+ students, has received national teaching awards, and publishes in biology and education. Danny has expertise in active learning, student engagement and transition, learning analytics, educational technology, flipped classroom, inquiry-based learning, assessment design, and staff development. Get in touch at danny.liu@mq.edu.au.



Michael Grant, a senior learning designer, is a Macquarie FSE native. He specialises in universal design (accessibility) within learning and teaching, and also has expertise in KickStart development, iLearn support and training, web development, and visual design. Michael also has an interest in student learning and engagement, and the use of educational technologies in learning and teaching. Get in touch at michael.grant@mq.edu.au.



Deidre Seeto, a senior learning designer, has an active interest in learning, design, and technology; and its practical implementation in the higher education sector. Her research and development activities include program review and development, authentic task design, team-based approaches to learning design, sustainable practices for educational innovation, change management, and visual design for communication. Get in touch at deidre.seeto@mq.edu.au.

We're here to help

We are here to help with any and all of your learning and teaching needs – no question is too big or too small.

Contact the team: fse-LT@mq.edu.au

Some learning and teaching approaches and strategies that you may be interested in are:

Flipped classrooms and active learning – there is a common misconception that this means hours of online video, answering questions in class, and increased workload for all. We can work with you to design activities that suit your context, and help you develop resources for your students.

Program-level design and assessment – this is a key focus of Macquarie's new learning and teaching strategy, with benefits including more integrated student experiences and reduced teaching and assessment duplication. We can work with your program director and team to target anything from small tweaks to whole program redesign.

Academic integrity – detecting and investigating academic dishonesty drains everyone's time and energy. We can work with you to design authentic assessments and curricula that are not only more difficult to plagiarise but are more interesting for students to complete and for you to read.

Tutor and demonstrator training – it's well known that your students will remember their experience and the people much more than content. We can work with you to enthuse tutors and demonstrators with active learning and class management strategies to build positive learning environments.

Learning analytics – students in large classes often feel like a number, and convenors of large classes can struggle to keep track of data on their students and use it to personalise the learning experience or get in touch with at-risk students. We can work with you to use new tools that improve efficiency, help make a large class small, and gain insight into your student cohort.

Research, reward, and recognition – our team has experience in local and national learning and teaching grants and awards. We can work with you to design projects, apply for grants, and work on project teams, as well as provide mentoring and review for teaching award applications.

Nuts and bolts

We're still working closely with the new central Learning Innovation Hub to work out how best to provide support to Faculties. Please bear with us during this transition period. If you have any general questions, please direct them to Danny, or your Associate Dean Learning and Teaching (Jenny Donald) and Deputy (James Downes).