

# Partnering to improve STUDENT SUCCESS

Curtin University Library, WA, supports student learning through the provision of online systems, such as the reading list solution [Leganto](#), and on-demand study help system [Studiosity](#). Building on the success of implementing these systems, our library has partnered with system vendors to find ways to further improve student success.

Curtin University Library successfully implemented Leganto, rebranded as Reading Lists by our library, in 2016 to provide an integrated, client-facing reading list solution. Readings Lists was well received by instructors and has become the standard for students to discover and access their readings at Curtin University.

After this success, Leganto vendor [Ex Libris](#) approached us in 2017 with a proposal for a proof of concept project which would investigate the correlation between student success and reading list activity. It was hoped that this would enable early identification of students who are likely to struggle with their studies and provide an opportunity for early intervention with strategies to mitigate the risk of failing.

During 2018 Ex Libris applied data mining and machine learning algorithms to discover insights in the data, building prediction models to assist in identifying students who are more likely to struggle. Early outcomes indicate that predictive models can be developed. With further development these models might then be applied in real time, allowing the institution to focus its retention efforts on students who fall in the high-risk category based on Reading Lists data.

We've also partnered with industry, in this case Studiosity, to better understand student plagiarism. Curtin University Library began using Studiosity in 2018 to provide personalised online learning support for first-year students. Studiosity offers real-time tutoring and writing feedback to students, complementing the services offered by the library, and allowing students to access support regardless of their location.

In April 2018, we were approached by Studiosity to participate in an independent research project. The project was led by the School of Education at RMIT University, and involved universities in Australia, New Zealand, the United Kingdom, and Asia. The hypothesis of the study was that the support offered by Studiosity would contribute to minimising or preventing student plagiarism.

Students at Curtin University who created a

Studiosity account during 2018 were invited to complete an anonymous online survey. The survey explored their perceptions about the effect of using Studiosity on their awareness, knowledge, skills, feelings, and intentions related to plagiarism in their academic work.

The study concluded in late 2018 and a [final report](#) has been released. The results give insights into students' attitudes towards plagiarism, and the effect of using Studiosity on their skills in avoiding plagiarism. Being part of this study along with over 20 other institutions allowed us to contribute to a large dataset, with the power to provide solid evidence about 'what works' educationally to prevent plagiarism. This could potentially change work practices by enabling the library to focus efforts at plagiarism-reduction to best effect.

We hope that our collaborations with Ex Libris and Studiosity will provide valuable information on student retention and plagiarism, which will help improve the systems that support student success. 🌟

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