MICHAEL J. YEW

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EDUCATION

University of Tasmania, Newnham, TAS
Bachelor of Laboratory Medicine, Winter 2020
GPA 6.89/7.00

First Class Honours in Health Science, Winter 2021
Project title: The role of acyl-CoA dehydrogenase family member 10 (ACAD10) in metabolism and blood glucose control in mice.

EXPERIENCE

Research Assistant — University of Tasmania, Newnham, TAS — 2021-22

Perform loads of western blots on insulin-signalling pathway components; perform animal experiments to assess mice metabolism; perform cell culture work involving adenoviruses.

Tutor — University of Tasmania, Newnham, TAS — 2021-present

Independently guide university students (enrolled in either Nursing or Exercise Science degrees) through weekly tutorials, practicals, and workshops (class size of 20-40 students); grade submitted assignments and exam papers according to set standards; provide feedback on assignments.

Placement student — Royal Hobart Hospital Pathology Service, Hobart, TAS — Summer 2019

Perform appropriate laboratory tests on patient specimens in order to aid in the diagnosis and treatment of diseases; advise medical practitioners on the interpretation of test results; operate and maintain laboratory equipment; maintain quality assurance and safety standards.

Student Learning Mentor — University of Tasmania, Newnham, TAS — 2019-20

Facilitate students with academic writing and referencing in general; help students develop research skills; refer students to other appropriate support services when necessary.

COMPUTER SKILLS

High degree of familiarity with Microsoft Windows and GNU/Linux operating systems.
Moderate proficiency in markup languages HTML, R and LaTeX.
Statistical packages of choice include SPSS, GraphPad Prism, & MedCalc.
Limited experience in the Kestral PLS Laboratory Information Systems (LIS) software.
Average of 90 words-per-minute touch typing.