

Kevin Milton Mendez

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GitHub Page: <https://github.com/KevinMMendez/>



Current Education

Postgraduate (2018 – 2019): Master of Science (Chemistry) [Data science]

- Title: “The application of artificial neural networks and deep learning to metabolomics and integrative systems biology.”
- <https://github.com/KevinMMendez/cimcb>
- https://github.com/KevinMMendez/BinderTutorial_Workflow
- 3 publications in progress, with a total of 5 publications expected by graduation.

Past Education

Postgraduate (2017): First Class Honours in Bachelor of Science

- Title: “Untargeted metabolomics of childhood asthma exacerbation from retrospectively collected serum samples”
- <https://researchrepository.murdoch.edu.au/id/eprint/40063/>
- Applied univariate and multivariate analysis on untargeted metabolomic data combined with clinical hospital data to uncover potential biomarkers of childhood asthma
- Work has been accepted for presentation as follow:
 - Mendez, K., Reinke, S.N., Abbiss, H., Laing, I., A., Coleman, L., Khoo, S.-K., Bosco, A., LeSouef, P., Moncur, J., Trengove, R.D. (2017). Trends of TMS-derivatised serum metabolites analysed by GCqTOF MS: observations from a metabolomics-based childhood asthma study. Proceedings of the Scottish Metabolomics Network Symposium, 2nd-3rd November. Glasgow, Scotland.

Postgraduate (2016): Graduate Certificate in Business Administration (MasterClass)

- Units addressing leadership, accounting, strategic marketing and organisational management skills

Undergraduate (2016): Bachelor of Science (Biomedical Science and Applied Statistics)

- Awarded
 - Accepted into the MasterClass program with a GPA placing in the top 10%
 - Vice Chancellor's Commendation for Academic Excellence Award with a GPA placing at the top 2%

High School (2012): Graduated with an ATAR of 98.05

- Awarded
 - Award of Distinction for Computer Science 1AB
 - Award of Distinction for the Australian Mathematics Competition
 - Certificate of WACE academic excellence
 - Certificate of commendation from WACE
 - Certificate of commendation from Lisa Baker MLA Member of Maylands, Michael Sutherland MLA State Member for Mount Lawley and Dr Tim McDonald Director of Catholic Education

Work

- Tutor in statistical data analysis (2014-2016)
- Tutor in physics, chemistry and mathematics at a high school level (2012-2017)

Volunteer Work

- Support at the Morley Salvation Army (2010-2013)
- English (reading) assistant at the Moorditj Noongar Community College (2015- 2016)