

A PhD scholarship will be available for an outstanding student to do graduate work in analytical chemistry. The student will study essential oils by gas chromatography-mass spectrometry (GC-MS) and GC×GC (two dimensional GC). In addition, the student will do sample preparation by solid phase microextraction and analyze GC-MS data by multivariate curve resolution. This project will provide the student a rich opportunity to become an expert in chromatography, sample preparation, and data analysis. This work will be performed at the University of Tasmania ([UTAS](#)) in Australia and the student will be co-advised by Matthew R. [Linford](#), Massoud [Kaykhaj](#), and a [faculty member](#) at UTAS. The ideal candidate will have a master's degree in analytical chemistry and 3 – 5 relevant publications in internationally recognized journals. Solid mastery of the English language is also expected. For more information, please contact mrlinford@chem.byu.edu.