DATE 22/5/2023

**POSTGRADUATE OPPORTUNITY AVAILABLE AT THE SOUTH AFRICAN GRAPE AND WINE RESEACH INSTITUTE (SAGWRI) FOR 2024**

The following project is available for a Master study from 2024, for a suitable student with an Engineering background.

**Project Theme: Modelling oxygenmass transfer during winemaking**

**Project description:**

This project will focus on modelling oxygen additions during alcoholic fermentations. Mass transfer during oxygen sparging in fermentations will be modelled, predicted and practically confirmed in fermenting must under commercial conditions. The removal of oxygen under commercial conditions will also be included in this study. The development of a commercial sparging system will form part of this study. This project will be performed in collaboration with the Department of Process Engineering at SU. A bursary will also be available to the successful candidate.

**Please send a CV, as well as a cover letter to Prof Wessel du Toit, by end of July 2023 to indicate your interest in this opportunity.**

**Contact person for the project:**

**Prof Wessel du Toit**

**wdutoit@sun.ac.za**

**General contacts for SAGWRI:**

Prof MA Vivier: Interim Director of SAGWRI

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Ms Lorette de Villiers: Postgraduate Admin officer

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