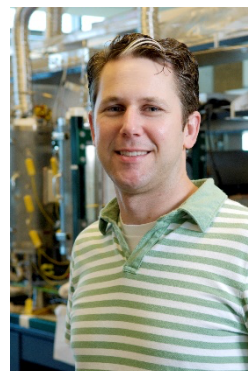




演題：**Adapting Chemistry and Engineering
Approaches to Achieve More Sustainable
Winemaking**

講師：**Prof. Ron C. Runnebaum**

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日時：2023年10月6日（金）14:45~16:15

場所：フロンティア応用科学研究棟2階 セミナー室2

共催：北海道大学大学院総合化学院
フロンティア化学教育研究センター

要旨：

The development and application of more sustainable agrimolecular chemistry and chemical engineering processes are essential to facilitate the transition from linear to more circular agricultural systems. Furthermore, energy, water, labor have become increasingly expensive, and at times, limited in availability.

In this presentation, I will share some of our group's research and development into more sustainable winemaking approaches in our effort to enable the industry to reduce water, energy, labor usage as well as solid waste generation. In addition, I will present some of our recent results into use of co-fed CO₂ to impact outcomes (e.g., activity, stability) of materials used for catalysis.

本講演は、Hokkaido Summer Institute 『Leading and Advanced Molecular Chemistry and Engineering IIC (“Separation Process Engineering II”)』の一部として開催し、大学院総合化学院『化学研究先端講義（修士課程選択科目）／総合化学特別研究第二（博士後期課程選択科目）』の一部として認定されています。

連絡先：工学研究院応用化学部門 触媒反応工学研究室
荻野 勲（内線：6595）