



UNIVERSITY OF SOUTH ALABAMA

Department of Chemistry Presents Seminar Series Speaker

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## Effect of Temperature on Yeast Population During Primary Fermentation

The yeast known as *Saccharomyces cerevisiae* is commonly used in brewing and baking. Each strain of this yeast has a preferred environment, in which it most efficiently converts sugars into carbon dioxide (CO<sub>2</sub>) and ethanol. Altering the conditions during fermentation will change how the yeast reproduces and metabolizes, and exploring the full effect of these changes is especially useful for brewers. We want to examine how yeast behaves under strain and how this strain affects the final product in beer in terms of flavor and metabolite production. This seminar will present how yeast populations vary by strain over a range of temperatures.

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**Friday, April 23, 2021, 12:20 pm**

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