



INFLUENCE OF LIFESTYLE ON THE CORE ORAL MICROBIOME

The logo consists of several horizontal lines of varying lengths. The top line contains the words "TAH VALLEY" in white, sans-serif capital letters. Below this is a thick horizontal line. Underneath the line is a large, stylized white "JVU" monogram. Another thick horizontal line is positioned below the monogram. The bottom line contains the word "UNIVERSITY" in white, sans-serif capital letters, followed by a small "TM" symbol at the end. A final thick horizontal line is at the bottom. The entire logo is set against a dark green background.

Funded by UVU URSCA Grant

Harrison Haws, Joseph Jimenez, Nicholas Long, Dr. Geoffrey Zahn
Biology Department, Utah Valley University

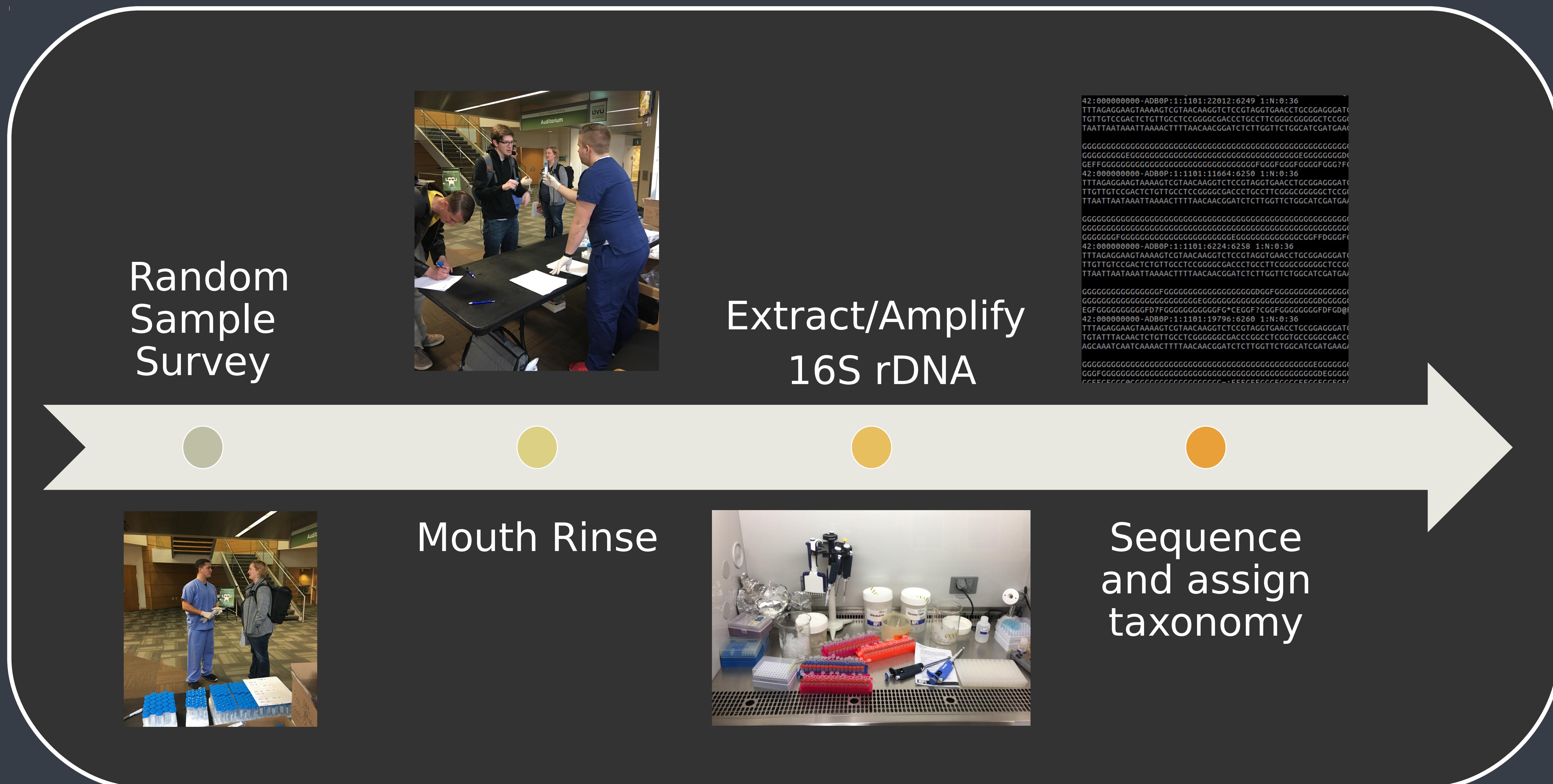
@Swoosh4Science

Purpose:

To understand whether or not demographics, lifestyle or dietary choices are key factors in determining the oral microbiome.

Methods:

- Self-reported questionnaire
 - Oral rinse collected ($N=174$)
 - Next-gen sequencing of 16S



Results: Gender, ethnicity, tobacco use, and exercise didn't noticeably affect the core microbiome of individuals. There was a hint of dietary correlation but larger sample sizes will be needed to investigate this further.

