

1125-O1-1885 **Girija Sarada Nair-Hart*** (nairhaga@uc.edu), OH. *What one must know about students' concept formation.*

During this presentation, the researcher will discuss prominent theories on concept formation and align them with what was observed during her own research on students' conceptual understanding of limits and continuity of rational functions. The results of the study that employed 'talk-aloud' problem solving interviews with 19 calculus students from a major university will also be discussed during this session. (Received September 19, 2016)