

1145-VC-2205 **Emily Hendryx*** (ehendryx@uco.edu). *A Framework for ECG Feature Identification.*

The electrocardiogram (ECG) conveys important information about a patient's cardiac health. With each part of the cardiac cycle reflected in the ECG, tracking changes in individual ECG features over time can provide insight regarding changes in a patient's clinical status. This work presents a framework for automated ECG feature identification that relies on techniques from numerical linear algebra and data science, some of which have been extended to better suit the application at hand. (Received September 25, 2018)