# Using DESI spectra to understand ultra-diffuse galaxies in the Coma cluster

Lailani Kenoly, Aaron Romanowsky; San Jose State University
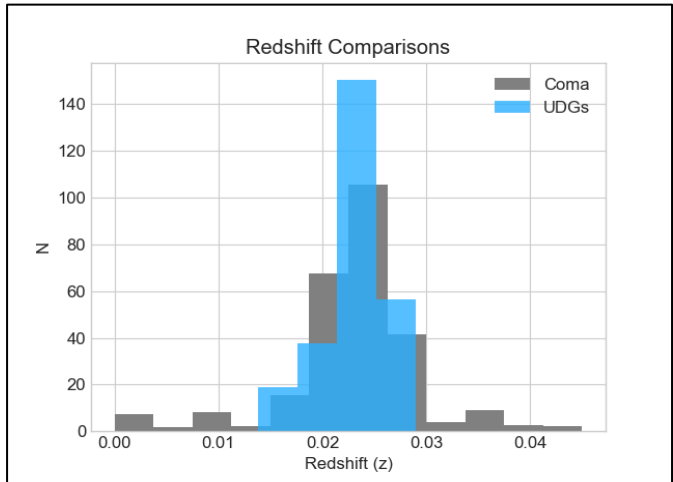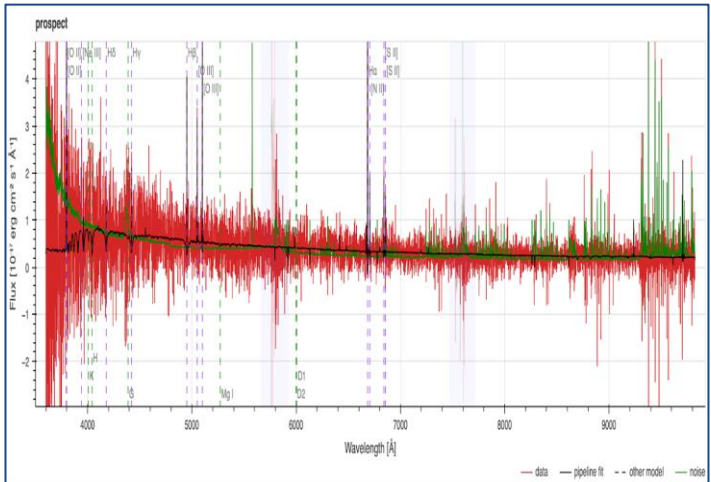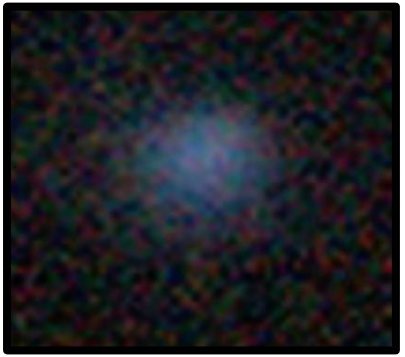


**Fig 1)** Legacy imaging of UDG from the Bautista et al. (2023) catalog.



**Fig 2)** Legacy imaging DESI spectra of UDG (fig. 1) from the Bautista et al. (2023) catalog, with significant spectral lines highlighted.



**Fig 3)** Histogram of the redshifts from the sample of 15 UDGs found in the present study compared to the redshifts of Coma galaxies.