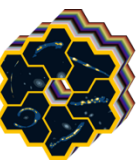
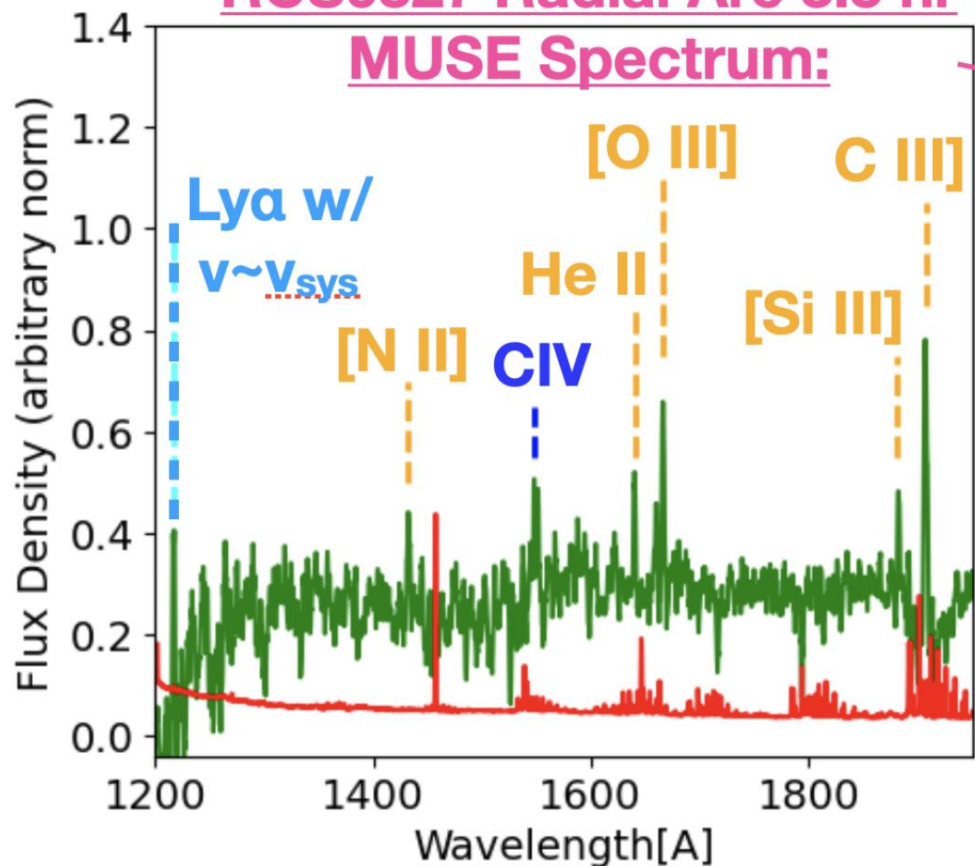


Cole Panzer

University of Cincinnati
Advisor: Dr. Matthew Bayliss

RCS0327 Radial Arc 3.5 hr

MUSE Spectrum:



LEGGOS



- **Research Interests:** Galaxy Structure, AGN, AI/ML Techniques
- **Current Project:** Characterizing LyC escape and Lyα profile using CIV emission

- **Two Nebular CIV emitters:** SGAS 1152 and RCS 0327

- **Cloudy Workshop Project:**

- Use Cloudy to understand the conditions necessary for CIV production
- Use Cloudy to model the conditions required to produce line strengths seen in RCS0327
- Learn about Cloudy's ability to model Lyα

Archival SGAS1152 Rest-UV Spectrum (R~900)

