

line flux detected at 10 σ in 10⁴s (erg s⁻¹ cm⁻²) 10-15 Keck, Gemini, VLT R=600-2400 spectroscopy, emission line, point source SOFIA NIRSpec wavelength (µm) SOFIA NIRCam grism 0 0 0 0 0 10

"Killer Apps" for AGN with JWST:

• Get redshifts, luminosities, and AGN fraction for Spitzer's highly obscured AGN candidates.

How important was obscured accretion?

- Measure hosts of AGN at all redshifts. M*, morphology, interactions, star formation. Why do I % of black holes feed, while 99% fast? Did black holes and galaxies grow in lockstep?
- Measure broad-line M_{BH} and M* at high z. What's the history of early SMBH and galaxy growth?

Poster #52 by Jane Rigby