## Radio Spectra of Luminous, Heavily Obscured WISE-NVSS Selected Quasars with Young Radio Jets

Young, compact radio sources associated with accreting supermassive black holes represent an essential phase in the life cycles of jetted AGN for understanding AGN triggering and duty cycles. In this talk, I present radio spectra for a sample of distant (z~0.5-3) heavily obscured quasars which have sub-galactic, young radio jets. Our sample selection identified optically faint but MIR-bright WISE quasars with a luminous (L1.4 GHz<~10^25 W Hz-1) radio source that is unresolved by NVSS (<45"). Our followup high-resolution VLA imaging have revealed compact, sub-arcsecond-scale radio morphologies (<1.7 kpc at z~2) for about 55% of our sources. The spectra presented here are carefully constructed from our own 10 GHz observations and archival radio survey data, which together yield 6-11 flux density measurements spanning 0.1-10 GHz frequencies. Our analysis shows that 63% of the sample exhibit either peaked or curved radio spectra, and 37% are classified as Gigahertz Peaked Spectrum (GPS) sources. This strongly indicates compact emission regions likely arising from recently triggered radio jets. Overall, this study provides a foundation for combining multi-frequency and mixed-resolution radio survey data for understanding the impact of young radio jets on the ISM and star formation rates of their host galaxies.