

## Radio and UV Observations of High Latitude HI

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Interstellar Lyman- $\alpha$  observations toward high latitude stars, which give the column density of HI between us and the star, and 21 cm radio observations, which give the total HI column density to and beyond the star, can be combined to map out the amount of neutral gas as a function of distance from the sun. We present recent observations of the 21 cm and Lyman- $\alpha$  lines made toward  $\sim 50$  high latitude OB stars, and use these data to discuss the distribution of HI in the solar neighborhood.