Let $C$ be a general curve of genus $g$ embedded via a general linear series of degree $d$ in $P^r$. The well-known Maximal Rank Conjecture asserts that the restriction maps $H^0(O_{P^r}(m)) \to H^0(O_C(m))$ are of maximal rank; if known, this conjecture would determine the Hilbert function of $C$.

In this talk, we will discuss the analogous problem involving the hyperplane sections of general curves, and explain its relevance to the maximal rank conjecture.

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