Let $S_V(E, h)$ be the scattering matrix for the semi-classical Schrödinger operator $-\hbar^2 \Delta + V$, where $V$ is smooth and compactly supported. Fix $E$ and consider how the eigenvalues of the unitary operator $S_V(E, h)$ depend on $h$ as $h \to 0$. They are called phase shifts, and are well-known to cluster at the point 1 on the unit circle. On intervals of the unit circle away from 1, the main result is that the phase shifts become uniformly distributed as $h \to 0$ if the classical scattering map has zero measure of fixed points and periodic points. Joint work with Jesse Gell-Redman and Andrew Hassell. There is no assumption that the potential is radial, unlike most prior results. (Received September 14, 2015)