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fsPHENIX: Forward Jet and Drell-Yan Single Spin Asymmetries at RHIC MICHAEL MCCUMBER, LANL, PHENIX COLLABORATION — An opportunity exists to measure forward jet and Drell-Yan single spin asymmetries (SSA) at RHIC energies prior to the construction of an electron-ion collider detector. The PHENIX collaboration is currently pursuing a set of upgraded calorimeters built around the BaBar superconducting magnet under a proposal named sPHENIX. The open aperture of the sPHENIX design in the forward direction with the additional instrumentation of fsPHENIX would allow an exciting program of forward jet and Drell-Yan observables to be recorded in conjunction with the sPHENIX measurements. This talk will cover the proposed physics observables, the impact of the new measurements on the understanding of SSA, and details of the forward detector design.

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