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## PROSPECTS OF POLARIZED FIXED TARGET DRELL-YAN EXPERIMENTS

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It has been proposed that the transverse single spin asymmetry in Drell-Yan production in transversely polarized p+p collisions would have an opposite sign compared to what has been observed in the polarized DIS experiments. Experimental confirmation or disproof of this prediction would provide a new fundamental test and shed new light of our theoretical understanding of the underlying physics. We discuss the prospects and physics sensitivities of polarized fixed target Drell-Yan experiments that could utilize the existing proton and other hadron beams at Fermilab and polarized proton beams at RHIC with the polarized solid proton and/or neutron target option. We show that if realized, the new experiments would provide critical measurements of not only the sign change (or not) in Sivers functions, but also the information of quark and antiquark's Sivers distributions over a wide kinematic range. Possible Drell-Yan physics with anti-proton and secondary hadron beams (pions and kaons) will also be discussed along with various polarized target choices.