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Title: Single-spin Asymmetries and  
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## Single-spin asymmetries and transverse-momentum-dependent distributions at RHIC

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The polarized proton-proton collisions at RHIC provide sensitivity to a wide variety of transverse-momentum-dependent distributions (TMD's). As more information has become available on TMD's over the past five to ten years from the simpler systems of semi-inclusive deep-inelastic scattering and electron-positron annihilation, an increasing amount can be learned from measurements performed with hadronic collisions. An overview of single-spin-asymmetry results and other measurements relevant to TMD's from the PHENIX, STAR, and BRAHMS experiments at RHIC will be presented and their significance discussed.