

Reading List

Current Experimental Effort

[HERMES collaboration, A. Airapetian et al., Observation of the Naive-T-odd Sivers Effect in Deep-Inelastic Scattering, Phys. Rev. Lett. 103 \(2009\) 152002](#)

[COMPASS collaboration, C. Adolph et al., Experimental investigation of transverse spin asymmetries in \$\mu\$ -p SIDIS processes: Sivers asymmetries, Phys. Lett. B717 \(2012\) 383–389](#)

[STAR Collaboration, L. Adamczyk et al., Measurement of the transverse single-spin asymmetry at RHIC](#)

[FNAL-866 Publications](#)

[FNAL-866 Experiment](#)

Current Phenomenology

[Xiaoyu Wang and Zhun Lu, Sivers Asymmetry in the pion induced Drell-Yan process at COMPASS within TMD factorization](#)

[E. Christova, et al., Consistency tests for the extraction of the Boer-Mulders and Sivers functions](#)

[D. Boer, et al., The gluon Sivers distribution: status and future prospects](#)

[A. Martin, et al., A direct extraction of the Sivers distributions from spin asymmetries in pion and kaon leptonproduction](#)

[M. Anselmino et al., A strategy towards the extraction of the Sivers function with TMD evolution](#)

[M. Anselmino, et al., Study of the sign change of the Sivers function from STAR Collaboration \$W/Z\$ production data](#)

[NNPDF Unbiased spin-dependent Parton Distribution Functions](#)

Theory

[Z Akbar, Sivers-asymmetry code](#)

[J. Collins, Leading-twist Single-transverse-spin asymmetries: Drell-Yan and Deep-Inelastic Scattering](#)

[D. Boer, P.J. Mulders, Time-reversal odd distribution functions in leptonproduction](#)

[IR Kenyon, The Drell-Yan Process](#)

[R. Jaffe, The Theory of the Nucleon Spin](#)

[Bacchetta, TMD Lectures](#)

[Bacchetta, Thesis 2002](#)

[Diehl, Introduction to GPDs and TMDs](#)

[Ralston and Soper](#)

[Mulder and Tangerman](#)

[Kotzinian Mulders](#)

[Sivers](#)

[The Origins of TSSA](#)

[Anselmino 2016](#)

General

Instrumentation

Spectrometer

[The SeaQuest Spectrometer at Fermilab](#)

Target

