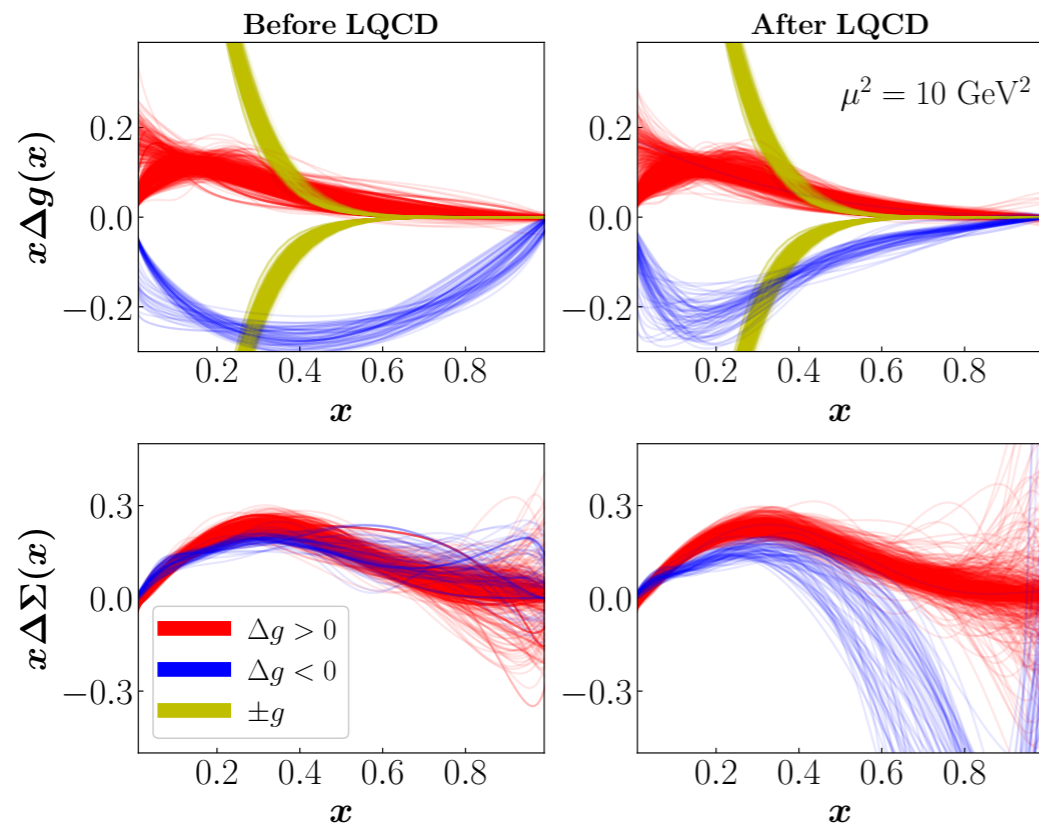


Theory & experiment combine to shine a new light on proton spin



JLab Highlight:
[A recent study reveals new details of the origins of the proton's spin](#)

[Phys.Rev.D 106, 114512](#)

Submitted as a DOE highlight

Accomplishment: Combined analyses LQCD and experimental data providing gluon helicity contributions to proton spin

Methods: Analysis pipeline developed in partnership with SciDAC RAPIDS.

Impact: Insight into origin of proton spin