Unraveling the nucleon spin puzzle has been the focus of experimental and theoretical efforts since polarized deep-inelastic scattering (DIS) experiments found that the quark contribution to the nucleon spin is small. Subsequently, measurements sensitive to the gluon contribution ($\Delta G$) to the total spin of the nucleon have been widely pursued and is a flagship effort within the STAR Spin program. This talk will focus on results from the mid-rapidity inclusive jet channel $\bar{p} + p \rightarrow \text{jet} + X$ at $\sqrt{s} = 200$ GeV, and the substantial new constraints placed on $\Delta G$ when compared to those from a next-to-leading order analysis of DIS data. Future STAR plans for continued progress on $\Delta G$ measurements will be discussed.