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Heavy Flavor Physics - News from the Tevatron

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In this talk, I will summarize recent heavy flavor measurements utilizing up to 5 fb^{-1} of data from the Fermilab Tevatron proton-antiproton collider. Several new b baryons have been observed in the past two years and I will discuss the current status of these exciting studies. Recent results for the CP-violating phase $\phi_s^{J/\psi\phi} = -2\beta_s^{J/\psi\phi}$ suggest a new source of CP violation in the CKM matrix. I will report on this and other measurements yielding information about CP violation and the $B_s^0 - \bar{B}_s^0$ width difference. I will show new results for rare B_d and B_s decays and Υ polarization. Finally, mixing and CP violation in charm decays will be explored.