ORIENTATION-DEPENDANT POLARIZATION AND THE X RAY PROPERTIES OF SEYFERT 1 NUCLEI ***A. Regula***, *A. Robinson*, D.J. Axon, Department of Physics, asr7042@rit.edu, axrsps@rit.edu, djasps@osfmail.rit.edu*

We have recently proposed that both equatorial and polar scattering regions are present in all Seyfert galaxies and that the observed range of polarization properties can broadly be understood as an orientation effect. In this model the nuclei of polar scattered objects are partially obscured by the circumnuclear torus, and we therefore predict that the X-Ray sources in these objects have higher values for neutral hydrogen column density (N_H), and a steeper photon index than in the un-obscured equatorial scattered and null polarization Seyfert galaxies. We report the results of an investigation of possible correlations between the optical polarization and the X-ray properties in Seyfert 1 galaxies, using X-ray spectra data from the Tartarus online database.