1086-46-454 **Ioana Ghenciu*** (ioana.ghenciu@uwrf.edu), 410 S. 3rd Street, River Falls, WI 54022. *The Dunford-Pettis Property of Tensor Product Spaces.*

We give sufficient conditions on Banach spaces E and F so that their projective tensor product $E \otimes_\pi F$, and the duals of their projective and injective tensor products do not have the Dunford-Pettis property. We prove that if E^* does not have the Schur property, F is infinite dimensional, and every operator $T : E^* \to F^{**}$ is completely continuous, then $(E \otimes_\epsilon F)^*$ does not have the DPP. We also prove that if E^* does not have the Schur property, F is infinite dimensional, and every operator $T : F^{**} \to E^*$ is completely continuous, then $(E \otimes_\pi F)^* \simeq L(E, F^*)$ does not have the DPP. (Received September 03, 2012)