National Institute of Justice

Award Title: Comparison of Microspectrophotometry and Room-Temperature Fluorescence Excitation-Emission Matrix Spectroscopy for Non-Destructive Forensic Fiber Examination	
Award Description: This project will examine the contribution of intrinsic fluorescence impurities (i.e. impurities imbedded into the fibers during fabrication of garments) - as a reproducible source of fiber comparison. This project will investigate spectral changes that might occur in textile fibers as a result of exposure to environmental conditions such as laundering, exposure to cigarette smoke and weathering. Understanding these effects will improve the understanding of textile physical, chemical and spectral changes that might affect fiber comparison via MSP and/or fluorescence microscopy. ca/ncf	
Awardee Name: The University of Central Florida	**Award Number:** 2011-DN-BX-K553
Solicitation Title: NIJ FY 11 Applied Research and Development in Forensic Science for Criminal Justice Purposes	**Fiscal Year:** 2011
Amount: $241,257.00	**Earmark:** No
Recovery Act: No	**State/Territory:** FL
County: Orange	**Congressional District:** 24
Award Status: Open	