

# National Institute of Justice

**Award Title:** Microfluidic System for Automated Dye Molecule Extraction and Detection for Forensic Fiber Identification

**Award Description:**

The objective of the proposed project is to develop a micro-fluidic device that can automatically extract dye molecules from a small fabric sample and route the extracted molecules through a series of chemical separation processes for identification with minimal handling.

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**Awardee Name:** North Carolina State University

**Award Number:** 2011-DN-BX-K561

**Solicitation Title:** NIJ FY 11 Applied Research and Development in Forensic Science for Criminal Justice Purposes

**Fiscal Year:** 2011

**Amount:** \$537,098.00

**Earmark:** No

**Recovery Act:** No

**State/Territory:** NC

**County:** Wake

**Congressional District:** 13

**Award Status:** Open