

# National Institute of Justice

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| <b>Award Title:</b> "Expansion of a Cheminformatic Database of Spectral Data for Forensic Chemists and Toxicologists"   |                                      |
| <b>Award Description:</b><br><br>The goal of this project is to develop a spectral database that includes spectra from nominal mass electron impact, accurate mass DART TOF, and Fourier transform-infrared (FTIR). This enhanced spectral database allows forensic scientists the ability to cross-reference the spectra obtained from an unknown sample to an online reference collection database. This tool will help forensic scientists' interpretations of unknown samples. ca/ncf |                                      |
| <b>Awardee Name:</b> Research Triangle Institute  | <b>Award Number:</b> 2010-DN-BX-K177 |
| <b>Solicitation Title:</b> NIJ FY 10 Research and Development on Instrumental Analysis for Forensic Science Applications  | <b>Fiscal Year:</b> 2010             |
| <b>Amount:</b> \$499,804.00   | <b>Earmark:</b> No                   |
| <b>Recovery Act:</b> No   | <b>State/Territory:</b> NC           |
| <b>County:</b> Durham   | <b>Congressional District:</b> 04    |
| <b>Award Status:</b> Closed   |                                      |