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Transdisciplinary Research Opportunities at the Western Kentucky University Nondestructive Analysis Center

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The Western Kentucky University (WKU) Nondestructive Analysis (NOVA) Center has been established within the Commonwealth of Kentucky. The acquisition of the Large Chamber-Scanning Electron Microscope (LC-SEM) has positioned WKU as the only university in North America with an instrument of this type. As envisioned, the NOVA Center will be a national focal point for nondestructive measurements. The reach of this Center is to provide analytical services, by being the only educational institution within North America to offer non-destructive SEM analysis. Transdisciplinary studies will be presented that highlight the extensive suite of materials characterization techniques available at the WKU NOVA Center.