STUDENT RESEARCH ASSISTANT – ADVANCED COATINGS LABORATORY

Duties:
• Perform basic scientific research and testing with coatings, adhesive, and sealants
• Data collection, correlation, and preliminary interpretation
• Statistical analysis
• Writing preliminary reports
• Follow standard industry test methods and procedures (e.g. ASTM, ISO, etc.)
• Prepare test panels of coatings, adhesive, and sealants following industry procedures
• Operate environmental exposure equipment
  • Xenon and UV, Environmental Chambers, Corrosion Chambers
• Operate analytical equipment
  • FTIR, UV/Vis/IR spectrophotometer, Microscope, Rheometer
• Handling hazardous materials

Qualifications:
• Undergraduate or Graduate in Mechanical Eng., Bioengineering, Chemistry or related
• Available for 15 to 20 hours a week during regular semester
• Prefer availability to work minimum of twelve months
• Prefer knowledge of Chemistry or Material Science
• Prefer prior experience with coatings, adhesives, or sealants
• Willingness to learn, good communication skills, proficient problem solving skills
• Require proficiency with MS office
• Work independently and with a team to accomplish the task

Work Location:
NCAT, 4004 N. Webb Rd, Bldg. 200 Lab M151
Wichita, KS 67226

Work Hours:
8:00 a.m. - 5:00 p.m.

Apply:
Please visit http://www.niar.wichita.edu/profile/careers.asp
Complete Student Application
E-mail resume to mshinde@niar.wichita.edu