



WICHITA STATE
UNIVERSITY

NATIONAL INSTITUTE
FOR AVIATION RESEARCH



NIAR CAREER OPPORTUNITIES

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