

Part-Time Traffic Engineering Researcher

Job Description

The part-time researcher will work on an awarded grant, "Development of Sustainable Monitoring Methods for At-Grade Railroad Clear Zones." The ideal candidate is someone who can take all necessary steps to ensure that the proper research, work, communication, field work, and final write-up is done in a professional, on-time manner. This position will have minimal oversight, so candidate must be willing and able to work autonomously. This person will report to the Program Manager for the Transportation Safety Resource Center at Rutgers' Center for Advanced Infrastructure and Transportation. The office is located on Rutgers' Busch Campus.

Responsibilities

- Conducts all necessary research for research grant, "Development of Sustainable Monitoring Methods for At-Grade Railroad Clear Zones."
- Writes final research paper that is required for final submission of grant.
- Prepares all quarterly reports detailing progress ahead of due dates for supervisor review.
- Conducts field work necessary to gather field data for research paper.
- Communicates with appropriate agencies to get permission to conduct field work.

Qualifications

- Must be undergraduate senior pursuing traffic engineering degree, graduate student pursuing traffic engineering degree, or graduated traffic engineer with bachelor's degree from an accredited engineering school.
- Must be willing to travel to field sites using all required safety equipment, procedures and practices.
- Must have proven research and writing skills.
- Specific knowledge in the following areas is a plus: at-grade railroad intersections.
- Ability to communicate effectively with supervisor, external agencies and general public.

Availability: This position requires a commitment of 28-30 hours per week, Monday through Friday, starting as soon as possible.

Compensation: \$20-\$35.00 per hour, depending upon qualifications

To Apply

Forward a cover letter and resume to: scweiss@rutgers.edu by April 16, 2010.

Only those candidates with sufficient experience and qualifications will be contacted for an interview no later than April 30, 2010.