

Position Details

Dept Number/Name: 0-2117-000/Ctr for Urban Transportation Research

College Division: Adad Affairs-Coll Engineering

Salary Plan: Temporary

Hiring Salary/Salary Range: \$48,000 - \$50,000

Position Details:

The Motorcycle Injury Prevention (MIP) team in the Center for Urban Transportation Research (CUTR) at the University of South Florida is looking for a **Postdoctoral Research Associate**. The MIP team is committed to exploring relevant issues in traffic safety and providing practical solutions to save lives, prevent injuries, and reduce costs of traffic crashes. The interdisciplinary MIP team consists of traffic engineers, crash investigators, and public health professionals, with significant knowledge of, and experience with behavioral traffic safety. The team's areas of expertise include data collection, analysis and visualization, epidemiology of motor vehicle collisions and injuries, crash modeling, behavior safety program development and evaluation, traffic safety policy, including TZD (Toward Zero Deaths), and regulation development and evaluation. Additionally, MIP has collaborated with community partners to design, administer and analyze numerous statewide public opinion surveys, utilizing various survey methods.

The Postdoctoral Research Associate supports the team's mission by performing data collection and analysis relevant to traffic safety issues. This position works closely with other team members to develop and conduct research and evaluation projects. Candidates for this position should have a strong qualitative and quantitative research background and have experience with crash data analysis, GIS, transportation engineering/planning, and survey design and administration.

Duties include:

- Performing descriptive and inferential analyses using traffic safety data, including crash data from a variety of sources, surveys with and without case weights, data from various records management systems, hospital and other injury data, and national datasets such as census/ACS and FARS.
- Working with Florida Department of Transportation (FDOT) program managers to provide data and analysis support for program problem identification, grants, and program/project evaluation.
- Compiling data and measures for performance-based programs and reports, such as the Strategic Highway Safety Plan (SHSP).
- Supervising field data collection, data analysis, and research activities.
- Participating in grant application writing. Preparing proposal(s) and obtaining funding from external granting agencies.
- Helping train and supervise research staff as needed in performing specific research activities essential to carrying out the research program.

Qualifications

MINIMUM:

PhD in the field of traffic safety, transportation planning/engineering, epidemiology, or related field
At least two years of experience using a statistical software and GIS package to conduct data analysis.
At least one year of experience conducting traffic safety related data analysis or surveillance; This may be demonstrated through peer-review publication, professional newsletter contributions, conference proceedings, agency level reports, or other outputs. May consider experience with data analysis related to other disciplines as commensurate, depending on complexity.

PREFERRED/DESIRED:

Expert level user of MS Office products (Outlook, Word, Excel).

Two or more years of experience using a statistical software to conduct analysis of traffic safety information systems to include crash, citation, hospital/injury surveillance systems, licensing, vehicle and VIN, etc.

Two years of experience conducting traffic safety-related data analysis or surveillance.
Ability to secure extramural funding support for projects by preparing quality grant proposals, timelines, and budgets. Experience managing federal/state research grants.

SPECIAL SKILLS:

Ability to establish and maintain cooperative working relationships, communicate information clearly and concisely, both orally and in writing, to diverse audiences, and work with minimal supervision.
Ability to work effectively with diverse personalities and teams in a respectful environment.

Supplemental Information

A letter of interest, describing how you meet the specific qualifications for this position

A current resume, detailing experience, and education

A list of at least three professional references with current telephone numbers

If you have questions, please contact Dr. Chanyoung Lee (leec@cutr.usf.edu) at the Center for Urban Transportation Research (CUTR).

How to apply

1. Select the link to access our careers site.
2. Sign In to access your account or if you are not an existing user select the New User link to create one.
3. Review the job description and select the Apply button to begin your application.

https://gems.usf.edu:4440/psp/gemspro-tam/EMPLOYEE/HRMS/c/HRS_HRAM_FL.HRS_CG_SEARCH_FL.GBL?Page=HRS_APP_JBPST_FL&Action=U&FOCUS=Applicant&SiteId=1&JobOpeningId=26308&PostingSeq=1