**Injury Prevention Senior Epidemiologist / Assistant Professor at the University of Pennsylvania**

The Penn Injury Science Center (PISC) in partnership with the Philadelphia Department of Public Health is hiring a Injury Prevention Senior Epidemiologist to work at the senior scientific expert level in the planning, management, and implementation of injury prevention surveillance and data analytic activities. This will include planning and implementing epidemiologic studies; collecting, cleaning, and managing data; performing statistical analysis; and summarizing results for scientific, policy-oriented, and public audiences, both in writing and via presentations. The Senior Epidemiologist will use appropriate data sources to monitor trends, patterns, and changes in risk factors and health outcomes; and will identify holes in existing data sources and develop plans to collect data to address these holes. Factors of interest include the health behaviors of individuals, the demographic and social characteristics of populations, the policy environment, and the built and social environments. Significant to the work is managing, analyzing, and interpreting data on core measures to track program effectiveness and developing and disseminating evaluation products. The person in this position has content expertise in injury prevention and injury epidemiology, particularly related to issues of firearm violence, alcohol, and pedestrian injuries and traffic crashes, which represent significant causes of early death, disability, and health disparities within the city, as well as expertise in oral and written communications. Work includes developing and writing reports and creating graphic representations of data. This position is aligned with the strategic vision of the City of Philadelphia Division of Injury Prevention, with an initial focus on community firearm violence. Expectations and responsibilities include:

         Reviews and synthesizes existing literature on topics related to injury prevention with emphasis on community firearm violence, and significant causes of early death, disability, and health disparities;

         Works with the team to develop new research, evaluation, and data analysis projects based on division needs;

        Performs analysis in common statistical software programs (e.g., R, SAS, SPSS);

        Plans, designs, and conducts epidemiological studies and provides methodological expertise in injury epidemiology;

        Manages, cleans, and analyzes data independently and interprets findings to inform program and policy development;

        Works with a wide range of datasets related to injury mechanisms such as firearm violence and drivers of firearm violence, including administrative data, survey data, national datasets, census data, electronic health record data, and primary collection of internal research and evaluation project datasets;

        Handles injury prevention data requests on an ongoing basis, by conducting background research and analysis to support new research questions, policy positions, and interventions, including work on integrated data sets from a variety of sources;

        Leads qualitative work among populations of interest to better understand the drivers of preventable injury;

        Acquires new injury prevention datasets and indictors that can inform injury prevention work; develops and manages databases to support surveillance and analysis;

        Evaluates the effect of existing and proposed policies on injuries and deaths in Pennsylvania and Philadelphia to inform policy briefs;

        Summarizes analyses for various audiences, including medical and public health professionals, academia, policymakers, the media, and the general public

        Develops evaluation products, including reports, data briefs, presentations, and manuscripts;

        Leads and contributes to grant writing and manuscript development for peer-reviewed journals;

        Works with the other city agencies and across cities/counties in the commonwealth to explore inclusion of other relevant metrics in injury prevention work;

         Participates in division data meetings and collaborates with other research and evaluation staff on analysis projects and reports;

        Facilitates collaborations between academic researchers, community-based partners, and the Philadelphia Department of Public Health to better integrate injury prevention efforts between these two entities

To apply, use the Penn Human Resources online portal for an Assistant Professor Tenure Track or Clinician-Educator position here: <https://apply.interfolio.com/94058>.