

# SAN ANTONIO FIREFIGHTERS

UTHealth  
Houston  
School of  
Public Health



## PARTICIPANTS NEEDED FOR RESEARCH STUDY

## TEXAS FIREFIGHTER CANCER STUDY

### ACTIVE DUTY & RETIREES

The goal of this study is to investigate fire smoke carcinogens and their associated cancer biomarkers, and to assess their integrated effects on the long-term health of firefighters. This approach aims to advance understanding of occupational health risks in this essential workforce and to inform the development of targeted protective measures

To participate in this study, you must be an active or retired firefighter in Texas, aged 18+, and willing to provide biological samples during three visits over the next year, each under 45 minutes.

**You will be compensated for your participation.**

#### INCLUSION CRITERIA

- Active Firefighters: No chronic conditions and no firefighting in the last 48 hours prior to sampling.
- Retired Firefighters: Minimum 15 years of service.

#### EXCLUSION CRITERIA

- All: Daily inhaler users, anyone who ate or used mouthwash within 30 minutes of sampling.
- Active-duty only: those taking prescription medications (e.g., nasal spray, antibiotics).

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February 10, 2026  
8:00 AM - 3:00 PM

February 11, 2026  
8:30 AM - 11:30 AM



Fire Training Academy  
300 S Callaghan Rd,  
San Antonio, TX 78227



IRB NUMBER: HSC-SPH-25-0817  
IRB APPROVAL DATE: 01/13/2026