



# FIREFIGHTER CANCER INITIATIVE

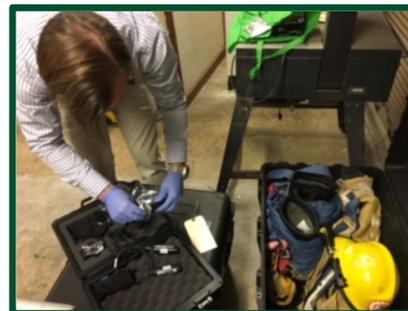
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## The ESP Team Completes Data Collection

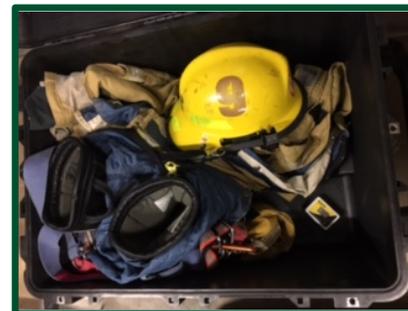


Lead ESP Chemist, Jeremy Baum, sampling the skin of a COM Firefighter.

The Environmental Sampling Project (ESP) has completed its first phase of data collection. The goal of ESP is to characterize the type and quantity of PAHs present on the skin of firefighters collected immediately before and after their work shift. Additionally, the ESP team wanted to characterize the type and quantity of VOCs present on the turnout gear of firefighters immediately after their work shift. The ESP research team was able to successfully sample the skin of over 40 City of Miami (COM) Firefighters and the turnout gear of 3 COM Firefighters. The success of this project is attributable to the collaborative efforts of City of Miami Fire Rescue, Miami Fire Central, and the University of Miami. Their endless commitment and dedication to this project continues to be the guiding force behind this initiative. ESP looks forward to continuing this study in the near future!



Jeremy Baum preparing turnout gear for data collection.



Turnout gear and data collection equipment.

### City Officials Supporting the Fight Against Cancer at Fire Ops 101



Pictured above (from left to right): Commissioner Esteban Bovo Jr., Senator Anitere Flores, Mayor Carlos Gimenez, Commissioner Jose Diaz, Dr. Natasha Schaefer Solle and Omar Blanco



### FCI Feature on Univision 23!

This month Univision 23 did a two-part feature about the Firefighter Cancer Initiative. The feature, titled Fuego Bajo La Piel or in English "Fire Under the Skin" was filmed in the ESP Lab on the UM Miller School of Medicine campus. Although the special was aired in Spanish, the overall message is clear, Sylvester is leading the way in occupational research to protect the health and safety of our firefighters.



To watch the segment please visit the following link:

<http://www.univision.com/miami/wltv/noticias/bomberos/fuego-bajo-la-piel-el-reportaje-sobre-los-bomberos-que-padecen-cancer-por-su-trabajo-video>

**Contact Us:** For questions, concerns, or additions to the newsletter please email Katerina Santiago at [k.santiago2@umiami.edu](mailto:k.santiago2@umiami.edu) or Jessica Diaz at [j.diaz21@med.miami.edu](mailto:j.diaz21@med.miami.edu)

