



# A. JAMES CLARK SCHOOL OF ENGINEERING

---

## DEPARTMENT OF FIRE PROTECTION ENGINEERING

---

Dear FPE Family and Friends,

In Fall 2021, we returned to campus and despite a few minor hiccups, all has gone well thus far! We wish you happy holidays and an even happier New Year in the hopes that conditions, around the world, will continue to improve post-pandemic.

We thank you for your continued support without which we'd not be able to provide our students with such tremendous experiences. Please [follow this link to our giving page](#) if you'd like to offer a holiday gift to the Chair's Discretionary Fund, or any other campaign.

Be well and happy holidays,

***Jim Milke, Ph.D., P.E.***  
FPE Professor and Chair

---

## ALUMNI NEWS

---

discusses how his fire protection engineering background, in addition to fire/life safety and facilities management, led him to a successful career in the field of health care. Frank currently serves as Director of Facilities Regulatory Readiness at New York-Presbyterian Hospital. [Read more....](#)

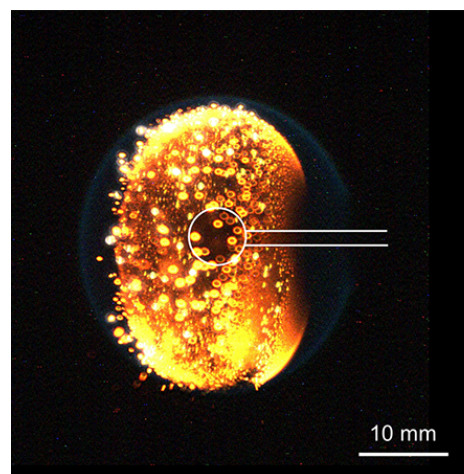


## RESEARCH



**FPE scientists explore fireground contaminants:** The research team, led by FPE Assistant Research Scientist, [Jamie McAllister](#), who recently joined the department, and Jim Milke, will partner with MFRI on the study whose focus will be identifying challenges faced by health and safety officers implementing post-incident exposure control and decontamination protocols. [Learn more...](#)

**A new class of fire:** An entirely new class of fire, spherical cool diffusion flames or simply “cool flames,” has been documented aboard the International Space Station. The discovery of these dim, quiet flames, led by [Peter Sunderland](#), could literally ignite development of the combustion engine of the future. [Learn more...](#)





---

### **2021 X-mas Tree Fire Safety Burn:**

On December 16, FPE Adjunct & Alumni, [Isaac Leventon](#), will demonstrate for media reps the possible hazards associated with improper treatment of both live and artificial trees (i.e., impact of moisture content on ignition). The demonstration will be live-streamed beginning at 9:30 AM and the burning rate competition will commence at noon. For more information about the competition, please contact Isaac directly ([leventon@umd.edu](mailto:leventon@umd.edu)). To learn more, [please follow this link](#).

---

Questions/comments? Story, event, or announcement to share?  
Please send an email to Katie Holland Doyle ([khollan3@umd.edu](mailto:khollan3@umd.edu)).

---

### **Department of Fire Protection Engineering**

University of Maryland  
4356 Stadium Drive  
College Park, MD 20742  
Phone: 301.405.3992  
[www.fpe.umd.edu](http://www.fpe.umd.edu)