

# Maryland Day 2020

## Department of Physics Outreach Activities

*We will miss seeing the community at Maryland Day! We want you to know that there will be plenty liquid nitrogen ice cream next year!*

*Have fun with the following activities and check our website over the summer for more at-home physics learning!*

*All the best,*

Eliot Hammer, Coordinator of Outreach and Public Engagement  
on behalf of the UMD Department of Physics

### Packet Contents:

- Fun Facts about the Department of Physics
- Outreach Coupons!
- Word Search: Phun Physics Terms
- Introduction to Aerodynamics Activity Trio
- Building Alka Seltzer Rockets!



## DEPARTMENT OF PHYSICS

**UMD Physics** is happening all over the globe! Our researchers are in Antarctica, Mexico, Switzerland, and more!

We are excited that our grad and undergrad **students** are actively collaborating with peer institutions, government agencies, and private industry!

We have over **60 Faculty** studying more than 30 fields of physics!

We love our **Physics Community!** During the academic year, our Outreach team hosts **Physics is Phun** and **Discovery Days** and much more. Our summers are packed with exciting **summer camp** programs! A highlight is our **Physics of Quidditch** camp where we dive into the physics of the Harry Potter world.

**UMD Physics** is committed to diversity and inclusion! We have hosted the Conference for Undergraduate Women in Physics (**CUWiP**) and pioneered the first Conference for Undergraduate Underrepresented Minorities in Physics (**CU<sup>2</sup>MiP**).

Our one of a kind **Physics Demonstration Facility** brings physics to life with more than **1,500 hands-on physics demos**, which transform learning for our students and community!

We have more than 30 research groups and centers! The **Joint Quantum Institute (JQI)** is at the forefront of a technology revolution researching the many areas of **quantum physics!**

# DD Coupon!

Bring this coupon to our next  
in-person Discovery Days Eve  
to win a prize



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# PiP Coupon!

Bring this coupon to our next  
in-person Physics is Phun shc  
to win a prize!!



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# MDD21 Coupon!

Bring this coupon to Maryland Day  
2021 to win a special prize!!



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