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Makers @ HS/HSL: Our Holiday Ornaments Event & Raffle Wrap Up

Users:	Various students, faculty, and staff				
Affiliation:	University of Maryland, Baltimore				
Project:	Design and 3D print holiday-themed models				
Used:	Holiday models guide, Tinkercad, Lulzbot Taz5, Afinia H480				

Last year before the winter break we held an event to promote learning about 3D modeling and printing. (You can read about the launch in our November 2016 newsletter.) We selected a few dozen models that represented diverse holiday traditions to give newcomers ideas about what they might print in the spirit of the season. We encouraged them to make a reservation and 3D print their chosen model, and let them know about resources for designing their own custom model.

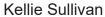
The event was a success, resulting in over 60 people participating and learning about what the HS/HSL Innovation Space has to offer.

 Participants included students, faculty and staff, from six of the seven UMB schools, and other administrative units.

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- Sixteen of these 20 people were newcomers to 3D printing.
- Four of the 55 printed objects were custom designed by participants who had no previous modelling experience.
- The top three printed models of the event were:
 - 1. Stormflake (6)
 - 2. Snowflake (5)
 - 3. Yoda snowflake (4)
- A total of 50 people entered our raffle drawing for a \$50 <u>Shapeways</u> gift card (online 3D printing service), and three \$10 Starbucks gift cards. The winners were:
 - 1. Kellie Sullivan, Student, <u>University of Maryland School of Nursing</u> (Shapeways card)
 - 2. Jamesha Bazemore, Staff, Office of Design and Construction (Starbucks card)
 - 3. Alexis Grubel, Student, <u>University of Maryland School of Nursing</u> (Starbucks card)
 - 4. Jason Shah, Student, <u>University of Maryland School of Medicine</u> (Starbucks card)







Jamesha Bazemore

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Alexis Grubel

Jason Shah

3D Tech in the News and Literature

- Spanish Scientists Create a 3D Bioprinter to Print Human Skin (sciencebulletin.org)
- 2. <u>Scientists Prove Feasibility of "Printing" Replacement Tissue</u> (wakehealth.edu)
- 3. <u>Fit of Interim Crowns Fabricated Using Photopolymer-Jetting 3D Printing</u> (nih.gov)

Did You Know?



Forgot to make a reservation? No worries, stop by during our new walk-in hours: Mondays through Fridays, 2:00 - 4:30 PM. The Innovation Space staff will be there to answer your questions in person and show you how innovative tools such as a 3D printer, a 3D scanner, a button maker, and Google Cardboard viewer work.

Upcoming HS/HSL Innovation Space Workshops

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- February 7, 2017
- February 15, 2017
- February 27, 2017

- February 9, 2017
- March 1, 2017

Register for our free workshops

New to the HS/HSL Innovation Space?

The Innovation Space is designed for innovative and collaborative hands-on learning experiences. It offers three 3D printers, two 3D scanners, over 3,500 video tutorials from Lynda.com (available on-site only), a plotter for poster printing, Google Cardboard viewers, a large DNA model, two molecule kits, a button maker, and a 3D printing pen. The staff provides orientations as well as workshops on a regular basis for those who are new to 3D printing and 3D scanning.

For more information, visit our webpage at http://www.hshsl.umaryland.edu/services/ispace/.







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