Engineering Students Experience 3D Printers Outside the Classroom

Students in the Introduction to Engineering have been using 3D printers for over a year. It has been used for a variety of school projects, most notably for prototypes for the Goodyear "Tire for Tomorrow" competition.

Building on their 3D printer experience, students visited recently, Thogus Inc., a technology company in Avon Lake, to see how they use their 3D printers.

"Thogus is known for its computer aided design and 3D printing," shared Engineering teacher Mrs. Mary Ellen Foley Scott '76. This experience enabled students to see how design skills they are using in class can be used to create other things.

"Science of Attention" Illustrates Dangers of Distracted Driving

Due to the state testing for the Class of 2018, we have cancelled the previously announced 2 p.m. early release on December 17. If you have any questions, please contact Dean of Women Marie Ciolek at mciolek@sja1890.org.

December 5
Academy Chorale performance at Kamm's Corner Tree Lighting ceremony, 6-6:30 p.m. Free.

December 9
The Handbell Club and Academy
Chorale will be performing a small Christmas Concert for the CSJs at 3:30 p.m. at the St. Joseph Center. Email Music teacher Kathleen Cooper for more information.

**December 10**

**Key Club Blood Drive**, 8 a.m.-1 p.m., in the auditorium. Students 16 years of age must have a parent consent form; 17+ do not need a parent consent form. Students must sign up on the Google sign-up sheet shared by Key Club moderator Lisa Previts.

**December 11**

**Advent Night**, sponsored by the Mothers’ Club, 7-9 p.m. in the auditorium. See story in this newsletter.

**December 16**


**December 18**

**Christmas Concert**, 7 p.m. Enjoy the music of the season from the band, chorus & ensemble performers. In the auditorium. Free.

**December 19**

**Last day of classes** before Christmas break.

**December 21**

**Academy Chorale**, performing at the Ohio Theatre, Playhouse Square, 6:45-7:15 p.m., before the 7:30 p.m. performance of "A Christmas Carol." Cost of a ticket is only $32.50 (50 percent off) for SJA fans. Click here for more information.

**January 5**

**Classes** resume.

**CORE Ministry Service Update**

Looking to volunteer? Here is an update on service opportunities.

**Parent Events:**

Due to the state testing for the Class of 2018, we have cancelled the previously announced 2 p.m. early release on December 17. If you have any questions, please contact Dean of Women Marie Ciolek at mciolek@sja1890.org.

**December 9**

**The Handbell Club and Academy Chorale** will be performing a small Christmas Concert for the CSJs at 3:30 p.m. at the St. Joseph Center. Email Music teacher Kathleen Cooper for more information.

Last week, juniors and seniors participating in the "Science of Attention" program, held at SJA last week, learned that even though they are quick, there are simply some tasks the brain can't process efficiently. Why is that an important lesson? Because fatalities are rising from teen drivers texting and being otherwise distracted while driving. Full Story

**Toys Reconfigured for Special Needs Children through RePlay for Kids**

This Christmas, more than 40 special needs children will be enjoying adapted toys this Christmas, thanks to the hard work of students in "Introduction to Engineering." The students are "serving the dear neighbor" through a city wide non-profit called RePlay for Kids.

Full Story

**Christmas Concert Is December 18**
more information.

December 11
Advent Night, sponsored by the Mothers’ Club, 7-9 p.m. in the auditorium. See story in this newsletter.

December 15
Mothers’ Club meeting, 7-9 p.m., in the Dining Hall. All are welcome!

December 18
Christmas Concert, 7 p.m., in the Auditorium. Free.

December 19
Last day of classes before Christmas break.

December 21
Academy Chorale, performing at the Ohio Theatre, Playhouse Square, 6:45-7:15 p.m., before the 7:30 p.m. performance of "A Christmas Carol." Cost of a ticket is only $32.50 (50 percent off) for SJA fans. Click [here](http://archive.constantcontact.com/fs137/1111082143500/archive/1119331802335.html) for more information.

January 5
Classes resume.

Admissions Events:

December 19
Christmas at the Academy, 6:30-8 p.m. 2nd-6th grade girls. Arts, crafts and games - and maybe a visit from "Josie" Claus! Please bring along a non-perishable canned food item which will be donated to a local food bank. $5 fee per student. Questions? Call 216.251.4868. Register [here](http://archive.constantcontact.com/fs137/1111082143500/archive/1119331802335.html).

January 10
Admission test, for all 8th graders considering enrollment at SJA who did not take the test in November. 9 a.m. to 12 p.m. This is for admissions purposes only, not scholarships. Call 216.251.4868 for more information.

SPOTLIGHT
Senior Enjoys Tutoring at Douglas MacArthur Girls Leadership Academy

"Building Futures Breakfast" Brings Together Area’s Female Leaders

The third annual "Building Futures" Breakfast on Tuesday, December 2, brought together old and new friends to celebrate and support SJA and its mission to provide young women from all backgrounds with the tools needed to succeed and thrive as strong, confident women leaders.

Held in The Union Club in downtown Cleveland, the breakfast was designed to communicate to female leaders of Northeast Ohio what makes Saint Joseph Academy relevant in a global society. Attendees were advised they can help our students by speaking with them in the "Women Leading the 21st Century" class or the Women’s Leadership Symposium, or by providing three-day professional shadowing opportunities for juniors, or making a donation to keep the Academy vibrant.

If you would like to attend this event next year, want to become more involved with the Academy or wish to make a donation, please contact Vice President of Institutional Advancement Ms. Constance Sipple, CFRE, at csipple@sja1890.org.

Join Us To Meet Former United Nations Representative Sr. Griselda Martinez Morales
Who: Annie Bishop ’15

What: Annie, a senior, has volunteered for three years as a tutor at Douglas MacArthur Girls Leadership Academy.

Fun Facts: This is the fourth year that SJA students numbering more than two dozen at this point - "serving the dear neighbor" travel twice a week to the Douglas MacArthur Girls Leadership Academy, a K-8 all-girls Cleveland Metropolitan School, to tutor students in Math, English and Reading.

"I help first grade students with Math, Reading and Spelling," shared Annie. "My favorite part of tutoring at MacArthur is having the ability to make a difference in the development of the girls I work with, helping them recognize their potential."

In addition to tutoring at Douglas MacArthur, Annie is a peer tutor, Vice President of the National Honor Society and a refugee tutor at Migration and Refugee Services. "I also have done work with the Labre Ministry and Arrupe Programs at Saint Ignatius High School."

Annie would like to pursue a career in the medical field.

Congratulations, Annie, for living the charism of the Sisters of the Congregation of St. Joseph.

College Corner

Featured College of the Week:

Butler University

Where: Indianapolis, Indiana, 5.5 hours from Cleveland, large city.

Enrollment: 4,200 undergraduates.

Strong Programs: Study Abroad

Please join us on December 16 at SJA for an evening with Sr. Griselda Martinez Morales, CSJ, as she shares her thoughts and experiences as the former UN representative of some 14,000 Sisters of St. Joseph from around the world.

Sr. Griselda, who worked as a non-governmental organization (NGO) representative from September 2009 to July 2014, will be speaking about the global ramifications of human trafficking. While at the United Nations, Sr. Griselda sat on the Economic and Social Council, which dealt with the harsh realities of this moral plague. Full Story

"Paws For a Cause" Will Benefit New Refugees to Northeast Ohio

Moving to a new country - far away from family, friends and your familiar culture - can be scary. This year, the annual Christmas donation drive "Paws for a Cause" will help make the transition less traumatic for these new arrivals to Northeast Ohio. All items collected now through December 19 will be distributed through Migration Services, a department within Catholic Charities.

Items needed include winter coats, gloves/mittens, warm hats, scarves, socks, boots, craft supplies for children, paper, coloring books and markers.

All donations should be placed in the decorated boxes in the Alcove near the lobby near the Main Office.

Join Us for Family Advent Night on Thursday, December 11

On Thursday, December 11, SJA is holding the 20th Annual Family Advent Night from 7-9 p.m. in the auditorium. In the spirit of the season, attendees will be wrapping and packing items collected through "Paws for a Cause," as well as creating cards for the recipients. All are welcome!

Unity Club Poinsettias Sale Ends Monday, December 8

Unity Club is once again selling poinsettias through Maria Gardens. The sale continues through Monday, December 8. There are four colors to choose from (red, white, pink, and marbled) and three sizes (4 inch, 6 inch and 8 inch). Prices are $5, $8 and $15.

The poinsettias will be available for pickup on Wednesday, December 17, from 3-5 p.m. in the Dining Hall. Order forms are available through Unity Club moderator Suzanne Smiley-Rozic or any Unity Club member. Email Mrs. Smiley-Rozic here if you have questions. Money raised will be used for Unity Club projects, including diversity fairs and other events.

http://archive.constantcontact.com/fs137/1111082143500/archive/1119331802335.html
program, Engineering (in partnership with Purdue University). Direct admittance to Pharmacy and Physician Assistance programs.

**Fun Fact:** Since 2010, no campus has celebrated March Madness more than Butler. In that year, the Bulldogs advanced to the NCAA title game, defeating perennial hoops powerhouse Duke University and etched a place for itself among sport's all-time greatest stories!

**Website:** [www.butler.edu](http://www.butler.edu)

---

**Paw Prints Store Christmas Hours**

The Paw Prints Store has many special Christmas shopping opportunities in December. Don't forget that students can create a wish list! Click [here](#) for the extended hours.

Questions? Contact Paw Prints Store Manager Colleen DeVenney [here](#) or call 216.251.6788 x228.

---

**Mitchell's Gift Cards Will Benefit After-Prom Activities**

Christmas is around the corner and the SJA After Prom committee is hoping you will consider a gift of Mitchell’s Ice Cream for friends or family (or yourself)! The cards will not cost any more than if you paid directly at the store for ice cream, but Mitchell’s will donate 25 percent of all gift card sales to the After Prom committee.

Orders are due Wednesday, December 10 and delivery of the cards will be on Friday, December 12. Click [here](#) for the order form.

---

**SPORTS**

The Saint Joseph Academy Athletic Boosters reminds you to Save the Date for the next exciting Night at the Races event, being held on **Saturday, March 21, 2015**. The event is an important fundraiser for SJA athletic programs. Watch this newsletter for information on special themes, sponsorship/advertisement opportunities and more.

**Basketball**

On Tuesday, December 2, the Jaguars were defeated by Mentor High School 49-47. The Jaguars were led by sophomore Gia DiMassa with 19 points, 2 assists and 2 steals. Sophomore Claire Orsagos contributed 7 points, 4 assists, and an aggressive floor game. Junior Rachael Kean had 5 rebounds and played solid defense.

Varsity won its first home game of the season, posting a 70-30 win over NDCL on Thursday night. The Jaguars used a 17-0 run to take a 21-4 run and never looked back. Senior Brittany Morrison dominated down low, totaling 17 points. Ellen Vichill ’17 added 13 points.

JV Jags also posted a win over the Lions, to move to 2-1 on the season.

---

**STAY CONNECTED**

[ butler.edu](http://www.butler.edu)