**Students Experience Hands-On Engineering Projects with Alumna**

Students in Math teacher Mr. John Lesko’s Honors Topics in Pre-Engineering and Programming classes had a two-week unit on transportation engineering from Transportation YOU, taught by instructors from the Women’s Transportation Seminar (WTS) International.
L-R: Lisa Abraham Hoekenga '00 and Joslyn Muñiz '18 see how many bricks they can stack for the retaining wall.

The international organization is dedicated to the professional advancement of women in transportation, as well as helping women find opportunity and recognition in the transportation industry.

Transportation YOU is a hands-on, interactive program that offers girls ages 13-18 an introduction to a wide variety of transportation careers. Through the program, WTS chapters have the opportunity to make a difference in the lives of girls by offering programs and activities that will engage them in all modes of transportation and encourage them to take courses in math, science and technology, which are the stepping stones to exciting careers that can change the face of the transportation industry.

Last Thursday, students collaborated on a hypothetical redesign of Kamm’s Corner. The class took into account traffic volume, the type of traffic (truck, pedestrian, bicycle), analyzed the need for a “complete street” (dedicated bike or bus lanes, etc.), project cost, mocked-up their redesign in the programs CAD and Streetmix and concluded the project by presenting their analysis to a team of engineers.

On Tuesday, students worked with Structural Engineer Lisa Abraham Hoekenga '00 to build two small-scale mechanically stabilized earth walls (MSEW) with different reinforcement strategies and load them to failure. With this assignment, students learned to explain the function of a retaining wall, describe how a mechanically reinforced wall is constructed, recognize the lateral stresses that are caused by an applied vertical force, describe forces acting against a wall and understand that reinforcing soil strengthens it.

"We had 25 minutes to construct our wall and we created a strong base by adding strips of paper to the bottom. We put sand in between each layer, and there ended up being four layers of paper. We ended up with a wall that was able to retain 12 blocks, which turned out to equal 144 pounds," shared Joslyn Muñiz ‘18. Joslyn had the opportunity to complete her Junior Professional Shadowing last school year alongside Lisa Abraham Hoekenga '00.

Student Spotlight

Name: Jocelyn Perkins '18

Accomplishments:
Jocelyn Perkins '18 just completed her final role at Saint Joseph Academy as "Aida" in the spring musical, Aida. "I've been performing in musicals since 2011. I had been practicing music for Aida since the very first rehearsal in January and learning lines in February. It was more challenging to learn my lines rather than the music because I sing all of the time and had already heard the songs many times before," voiced Jocelyn.

"My favorite part was getting...
to know my cast mates and learning more about the musical of Aida throughout the rehearsal process," shared Jocelyn.

**Activities & Interests:**
Jocelyn is a member of The Academy Chorale, Show Choir, Shakespeare Club and National Honor Society.

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**College Corner**

![Columbia College Chicago logo]

**School:**
Columbia College Chicago

**Location:**
Chicago, IL
(6 hours from Cleveland)
Urban

**Enrollment:**
11,000 undergraduates

**Strongest Programs:**
Advertising, Art and Design, Art History, Graphic Design, Illustration

**Fun Facts:**
Columbia College Chicago is one of the largest presenters of cultural events in the city of Chicago, sponsoring art exhibits, performances and workshops.

colum.edu

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**Students Take Top Honors in Ohio K-12 Chinese Essay Contest**

Last weekend, four students took top honors for the 2018 Ohio K-12 Chinese Essay Contest awards among the 9th-12th grade group. The contest was held at Cleveland State University. Congratulations, ladies, on your well-deserved honor!

**Chinese Speech and Essay Contest:**
Sivven Oung '19, First Place (Sivven is an international student from Cambodia and speaks Cambodian at home, not the Chinese language)

**Chinese Essay Contest:**
Abby Votaw '18 and Reagan Bushok '20, Second Place; Natelie Quellos '18, Third Place

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**Spring Scholarship Luncheon is Less Than Two Weeks Away!**

Please join us on **Tuesday, May 8** for the 20th Annual Spring Scholarship Luncheon. Guests will enjoy a delicious lunch, but, more importantly to support the students of Saint Joseph Academy. Proceeds from the luncheon are directed to the Academy's Scholarship Fund.

The Academy prepares young women by strengthening their minds and opening their hearts. 68% of students receive tuition assistance. Your support of this event allows our students to receive a quality Catholic education.

**Click here** for more information or to register for the event.

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**"A Touch of Classical" Concert Delights Audience**

On Thursday evening, the Performing Arts department performed "A Touch of Classical" Concert. The program featured the String Orchestra,
The Academy Chorale

L-R: Molly Powers '18, Juniors Sophia Gentile and Teagen Kelly. Back Row, L-R: Juniors Claire Sullivan, Lucy McBride, Katie Tuley and Spanish Chair and teacher Mrs. Alison Morgan.

Highlights by the instrumental ensembles included: the Orchestra performing Symphony No. 25 by Mozart (used in the movie Amadeus), Hungarian Dance by Brahms and March Slav by Tchaikovsky.

The Concert Band’s selections featured the Second Suite in F by Holst and a Disney movie medley. The concert concluded with a rousing rendition of John Phillip Sousa’s The Invincible Eagle. Bravo, students, on a job well done!

Kairos XLI

43 Juniors and eight Senior leaders gathered at the St. Leonard’s Youth Retreat Center last week for Kairos XLI.

Kairos retreats focus on participants deepening their personal relationship with God during three days of discerning and discovery. Through a variety of activities, including small group discussions, journaling and participation in the Sacrament of Reconciliation, Kairos participants are encouraged to reflect on the many ways they experience God's love in their lives.

"I volunteered to help lead Kairos as a Senior because I hope to show my peers the same love and share my faith like I experienced on my Kairos retreat. I hope students feel comfortable opening up and truly immersing themselves in God's love," shared Nora Clink '18.

This was also CORE Ministry Department Chair and teacher Ms. Alison Barberic 01's final Kairos as leader. Ms. Barberic has served as the Kairos leader since Kairos IV—that is 37 Kairos retreats! During her time overseeing the Kairos program, Ms. Barberic has transformed the spiritual life of thousands of students and adult leaders. Her wisdom and faith have been a huge part of the success of this program. We thank Ms. Barberic for her leadership, countless hours of preparation and especially for changing hearts.

She handed off her duties to CORE Ministry teacher Mrs. Theresa Avila-John and World Languages Department Chair and teacher Mrs. Alison Morgan.

Thank you, Ms. Barberic, for helping transform spiritual wellness for thousands of students and adult leaders through Kairos! We are so grateful.

Alumna Returns to Advise Students About Future Career Choices

Last Friday, Cherie Friedman '80, owner and founder of Friedman Search Group, returned to advise students in Mrs. Paula Conti’s “Women Leading in the 21st Century” as they begin their journey beyond the Academy’s walls.

"I think managing expectations is one of the most important things you can do in your life," shared Ms. Friedman. "It’s a job; you won’t fall in love with it right away, you will learn to love it as you succeed.”

Ms. Friedman shared with students that Saint Joseph Academy prepared her for college, so classes were much easier for her when she got there than for some of her peers. Upon graduation, equipped with a bachelor’s degree in advertising, Cherie accepted a position with Proctor & Gamble in consumer product sales.

She accepted her first position at a Fortune top-50 company because it made sense at that point in her life. She says this is how she assessed potential job offers throughout her career, eventually accepting positions at Johnson & Johnson Medical and Synthes-Orthopedic Surgical Sales.
"I never thought I would be in an operating room telling doctors the next instrument to use, but because I made decisions based on what was best for me, I ended up in a job where I really felt like I was making a difference," Ms. Friedman said.

Although she loved her job, it wasn't easy being a woman in a male-dominated career. While working in medical sales, she was among the seven percent of women in the field. "Speak up, say something, do something," Ms. Friedman empowered students. "One way or another, women are running the word and you have control."

Ms. Friedman followed her interest in recruitment by beginning her own business. Nineteen years later, she said she never regrets making career changes that fit her lifestyle and advised students to do the same. "Take the job in the area you know, do the right things on a daily basis, get organized and know when to make a move," she concluded.

### Alumna Speaks to Science Classes on Research of Reintroduction of Wolves


Mallory is an active member in the Ambassadors for Conservation group at Canisius College. This group compiled research for the question "should wolves be reintroduced in Colorado?" Mallory shared the advantages (benefits the ecosystem, has proven to be successful with reintroduction of wolves in Yellowstone National Park and hunts down sick or diseased animals) and disadvantages of reintroducing wolves to the state (threat to ranchers, wolves and humans compete with each other, would hurt tourist population in Colorado).

"The Ambassadors for Conservation support the reintroduction of wolves to Colorado. We went to Colorado and Wyoming for a week and a half to compile research. We interviewed people on both sides of the issue and traveled to Rocky Mountain National Park and Yellowstone National Park. We are in the process of filming a documentary to discuss the advantages of reintroduction. Taking environmental science at Saint Joseph Academy inspired me to want to study this topic," shared Mallory.

### Sports Highlights

#### Spring Crew Begins with Scrimmage

The crew program hosted four teams last Saturday for a scrimmage on Lake Erie when the previously scheduled Dillon Lake Sprints was cancelled due to flooding. The Jaguars faced crews from Upper Arlington High School in Columbus, Oakland Catholic High School in Pittsburgh, Magnificat High School and Cleveland Foundry Juniors.

The Jaguar Crews completed a series of four race pieces divided by boat class. The Varsity 8+ split the races 2-2 with the Upper Arlington Golden Bears, with both teams finishing ahead of the Oakland Catholic Eagles, Magnificat Blue Streaks and Foundry Juniors.

In the Second Varsity 8+ race, the Jaguars also split the four races with Upper Arlington High School, with each crew winning two of the four piece. The Third Varsity 8+ won all races against the Upper Arlington Golden Bears. The Jaguars' success continued in the Novice 8+ event in which all four pieces against Upper Arlington High School, Oakland Catholic High School and Magnificat High School. The Crew returns to competition Saturday, May 5 at the St. Mary's Laddie Cup in Orchard Lake, Michigan.

#### Juniors Emma Pesicka and Madison Wilson Win Discus Relay at Bedford Relays

Several members of the track & field team competed on Tuesday at the Bedford Kimberly Relays. The Jaguars finished third overall with 75 points. Highlights for the Jaguars included a first place finish in the discus relay by Juniors Emma Pesicka and Madison Wilson and several second place finishes, listed below.

- 4x800 relay team of Claudia Becker '18, Jocelyn Perkins '18, Collette Conway '21 and Grace Kelley '19
- Distance medley relay team of Olivia Fallon '19, Jocelyn Perkins '18, Danica Hruby '21 and Grace Kelley '19
- Juniors Mia Crayton-Frideau and Imari Hill in the long jump relay
- Juniors Emma Pesicka and Madison Wilson in the shot put relay
Lacrosse Tops Kenston 11-10
The lacrosse team improved to 6-2 on the season with a dramatic 11-10 win at Kenston on Tuesday, April 24. The Jaguars were led by Ella Calleri '19, Emily Langel '20 and Faith Maruna '21 who each scored three goals. Emily Langel '20 also added three assists. Bella Mastroianni '18 and Mollie Tirpak '19 also tallied goals while Kristin Nauman '18 and Kaitlin Vasil '19 added an assist. Way to go, Jaguars!

Sailing Competes at Hoover Regatta
The club sailing team finished 9th out of 18 boats at Saturday’s Hoover Sailing Club regatta in Columbus.

In the "A" Division, the Academy placed 10th overall with a top finish of 7th. In the "B" Division, the Jaguars finished 8th overall with a top finish of 4th place. This weekend, the Jaguars will compete in the Ohio State Championships for high school sailing. The sailing program is a club sport in 2017-18 but will be a Varsity sport beginning next school year. Best of luck this weekend, Jaguars!

Student-Athletes Commit to Universities
Regina Baldado '18 Commits to Queens University of Charlotte for Rugby
Regina Baldado '18 has committed to Queens University of Charlotte to continue her academic and rugby career. Regina has been an instrumental part of the rugby program over the last four years. She played a key role in the Jaguars' 2016 National High School Championship while also helping lead the Academy to state championships in 2016 and 2017. Regina has also had success on the rugby pitch away from the Academy. She received recognition for her play in Regional Cup Tournaments as well as the Midwest Thunderbird 3 game series against Ontario. She has also been named captain for the All-Midwest Thunderbirds team.

Brittany Miller '18 Commits To Gannon University for Diving
Brittany Miller '18 has committed to NCAA Division II Gannon University to continue her academic and diving career. Brittany was a three-year District diving qualifier despite having never competed in diving before her Freshman year. She finished 7th at the National Catholic School Championships in Baltimore this past season along with finishing as the runner-up at the North Coast League Meet. She was the two-time diver of the year at the Academy and the most valuable diver during her Senior season.

To view photos, check out scores or to see the schedules for upcoming games and important meetings, click here.

STAY CONNECTED

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