Honors Chemistry Students Use Creativity to Illustrate Chemical Compounds

For several years, students in science teacher Mr. David Weiss’ Honors Chemistry class have been challenged to create innovative and accurate models of a chemical compound. Each year, students’ creativity in executing the models has grown and expanded as they use themes such as holidays, cartoon characters and even fast-food restaurants to visualize complex scientific principles. “A 3-D project helps students determine and conceptualize the chemical nature of the compounds,” shared Mr. Weiss. This year’s projects currently are on display in the chemistry lab, each labeled with the name of the compound, the formula, uses and properties, bond angles, sigma and pi bonds, electronic geometry, molecular geometry, lone pairs, polarity and type of hybridization.

“My partner Mary Beth Keck ’15 and I chose to do a molecule with a Chipotle theme because we love eating at Chipotle and thought it would be a fun, unique and challenging theme to follow,” shared Abby Gonzales ’15. “To complete this project, we had to build the model to the correct shape, label all the parts, and provide information about the molecule such as its name and hybridization type. Our molecule was SF4, which is Sulfur Tetrafluoride.”

“I chose the theme of recycling because I feel strongly that people should recycle,” stated Isabella Morini ’15. “It can help keep the Earth from becoming a landfill. My project was a 3-D model of the compound C2H4, which is Ethylene.”

No Early Release Next Week, Prom Is Saturday

As we progress into the end of the school year, we can't lose sight of the final events and school notes for 2012-13. First, a reminder that we do not have an early release day on Wednesday, May 22. It is a normal school day.

Secondly, I want to wish seniors a safe and fun Prom 2013! As per tradition, students and their dates will be gathering at SJA around 4:30 p.m. Saturday before taking buses to prom, which this year is being held at Sammy’s Metropolitan Ballroom in downtown Cleveland. This is a perfect opportunity for parents and friends to take pictures.

Finally, congratulations to the 200 students who undertook AP classes this year and just recently finished two weeks of testing. We are so proud of your academic dedication. ~ James M. Cantwell, Ed.D.
**College Corner**

**Location:** Oberlin, OH (45 minutes from Cleveland). Small town.

**Enrollment:** 2,900 undergraduates.

**Strongest Programs:** Neuroscience, creative writing, music.

**Fun Fact:** Non-conformity is a long tradition at Oberlin. It was the first American college to accept women and minorities.

www.oberlin.edu

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**Zoology Students Get First-hand Knowledge of Shark Anatomy**

Zoology students last week got a close-up view of the inside of a dogfish shark! The lab-oriented zoology course is for students who are interested in the study of animals and their characteristics. In this class, students gain an understanding of the classification, embryological development, anatomical features and behavior of selected invertebrate and vertebrate animals.

As part of their studies, students have been researching animal development, anatomy and behavior. This week, students were examining liver, heart, muscles and other organs of sharks.

"I want to be a shark biologist," shared Grayson Szczepaniak ’13, noting that her bedroom is filled "with every shark book I could find." Grayson plans to study marine biology at the University of New England.

Alison Tawney ’13 also was fascinated by the dissection. "This is a really interesting class," she stated.

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**Students Honored for Work With Catholic Schools for Peace and Justice**

Melissa Waltos ’14 and Caroline Mills ’14 have been honored with the "Bishop Pilla Catholic Schools for Peace and Justice" award for their work with the group Catholic Schools for Peace and Justice, an organization composed of representatives from area Catholic high schools and colleges. Our two students were instrumental in organizing a summit titled "Breaking Barriers: Making the Invisible Visible," held this year and attended by representatives from SJA as well as 21 other area schools, and Bishop Lennon and Sister Helen Prejean CSJ, inspirational speaker and author of "Dead Man Walking." The summit was a day of presentations on intense social justice topics such as the death penalty, abortion, immigration, human trafficking, violence, homelessness and incarceration. Discussions were also held on ways to enable students to become advocates for justice.

"Melissa and Caroline were on the planning committee and helped coordinate the day. They did an excellent job and certainly deserve this honor," stated CORE Ministry theology teacher Mr. Dan Guion. Since the award's inception in 2007, six students from SJA have been so honored.
Time is running out to preregister for the inaugural Saint Joseph Academy race/walk, being held on Memorial Day, Monday, May 27. The “Earn Your Spots Jaguar 5K Race/1 Mile Walk” supports the Saint Joseph Academy Scholarship Fund. Cost is $20 for pre-registration. That price is applicable through next Friday, May 24 at 9 a.m.; Saint Joseph Academy students are being offered a discounted price of $15, preregistration only. Race day registration is $25. For online race registration, please go to www.hermescleveland.com. Please mail and make checks payable to: Hermes Sports & Events, 1624 St. Clair Ave., Cleveland, OH 44114. Mail-in forms must be received by next Wednesday, May 22. The race/walk starts at 9 a.m. on Memorial Day at Saint Joseph Academy, 3470 Rocky River Drive. The route includes parts of West Park and western Lakewood. For more information, please contact Alumnae Director Ms. Mary Ann Fischer ’66 at 216.619.1653 or maf@sja1890.org.

Please join us and start a new Memorial Day tradition ... as well as help build the scholarship fund at Saint Joseph Academy.

Senior, AP and June Final Exam Schedule

Senior Finals:
Seniors will take their finals on Thursday, May 23 (Blocks B & A) and Friday, May 24 (Blocks D & C).

Exams will be two hours long with exams being in the morning both days. The entire school will run on an altered schedule both days to accommodate finals. A specific schedule will be provided.

Seniors may be dismissed after finals on both days. If seniors do not have a final they do not have to be here.

For classes with students in multiple grades, teachers may give all students their final on May 23 or 24. However, if teachers are doing all-inclusive finals on May 23 and 24, they will continue classes for non-seniors through the end of the school year and be administering a test in June on material covered in those last few weeks.

AP Class Finals:
AP classes do not need to have a final exam. Instead, students will be given a test on material taught since the AP exam.

Skinny Class Finals:
Skinny classes do not need to have a final exam. However, yearlong skinnies such as Math and World Language will have a final exam.

All Finals:
All other finals will be given on Wednesday, June 5 (Blocks C & D) and Thursday, June 6 (Blocks A & B). Exams will be two-hours long, with exams being in the morning both days. Students will not be dismissed early from the finals.

SJA Booth at the Fourth Annual Hooley at Kamm's Corners was a Hit!

The Saint Joseph Academy tent at last Saturday's fourth annual Hooley at Kamm's Corners was a busy spot for many festival visitors. The SJA Balloon Club, free face painting for the little visitors and, of course, Josie the Jaguar were all hits! A performance by Cecilia's Song on the Family Stage also was well received.

2013 Athletic Hall of Fame

On Saturday, May 11, 10 outstanding athletes were inducted into the Saint Joseph Academy Athletic Hall of Fame. The honorees were, l-r, Jennie Stockdale ’01, Maureen Fallon Adler ’79, Rachel Mistur ’02, Vanessa Georgeeson ’01, Sarah Welch ’03, Miranda Forgae Portteus ’03, Tressa Satanek Kemer ’91, Brigid Arbezni Radigan ‘97 Not pictured: Bridgid McHugh Szlempa ’02 and Sheila Peters Vance ‘01.

Maureen, Brigid and Tressa were honored for participation in multiple sports throughout their four years at SJA. Between the three of them, they were captains of volleyball, basketball and softball teams, set numerous school records and were models of sportsmanship.

Rachel, Jennie, Bridgid, Miranda, Sheila, Sarah and Vanessa were members of the 2000 OHSAA Tournament Qualifying Cross Country team - a first in SJA sports history.

Congratulations to all!
Rugby: Going to Nationals!

On Wednesday, May 8, JV won against Brunswick High School with a score of 51-5. Mary Therese “Bubble” Boepple earned “Maiden of the Match.” The 11 senior players and their parents were recognized before the varsity game, which the team won 37-17 against Hudson High School. Mary Grace “MG Hammer” Lenehan ’15 earned “Maiden of the Match.”

JV tied against Highland 17-17 on Sunday, May 12. The JV squad finish their league season with a respectable record of 6-2-1.

A combination of both teams will travel to Milwaukee, Wisconsin, this weekend and represent Saint Joseph Academy and Ohio at the National Championship Rugby Tournament! Both teams will move onto the play-offs starting May 25.

Softball

The Jaguars won against Parma 5-1 on Tuesday, May 7. The game was tied going into 5th inning, when the Jags scored 4 runs on three hits. Sophomore pitcher Brenna Heffernan got the win, giving up only 5 hits through 7 innings.

On Wednesday, May 8, the Jaguars hosted rival Magnificat and won 2-1. Sophomore pitcher Brenna Heffernan got the win, giving up 4 hits through seven innings.

On Thursday, May 9, the Jaguars hosted Chanel and earned 11 runs on 10 hits for an 11-0 victory. Junior pitcher Catherine Coughlin got her first win of the year pitching seven innings and giving up only 3 hits as well as going 2-3 in the game with 4 RBIs.

On Saturday, May 11, the Jaguars won the first game against Firelands 9-4. In the championship game, Westlake jump out to a 7-0 lead in the first inning and did not look back. They scored 7 more runs in the 4th inning and went on to win the game 15-2.

Crew: Going to Nationals!

Crew had a strong showing at this year’s Midwest Scholastic Championship held at Lake Dillon in Nashport, OH. In the most competitive field the regatta has ever seen (48 teams, 500+ entries, 1,400+ athletes), the Jaguar navy qualified 7 of 8 entries from the time trials into the Saturday afternoon’s semifinals. The crews moving on included the Lightweight 4+, Varsity 4+, Junior 4+, Novice 4+, Novice 8+, Freshman 8+, and Lightweight 8+. On Sunday, the crew of Julia Herrel ’15, Sarah Johanek ’15, Nicole Hegeman ’13, Annie Grove ’14 and coxswain Brittany Hegeman ’15 finished in second place in the Lightweight 4+. In the following event, the crew of Maggie Sudetic ’13, Hannah Smith ’14, Karen McGraw ’13, Casey Sudetic ’13, and coxswain Morgan Clark ’15 finished second in the Varsity 4+. The Freshman 8+ provided another first for the team as this year’s crew was the first Freshman 8+ to make the finals at Midwest; the crew finished 6th. In the final event, the Lightweight 8+ took second.

With second-place finishes, the Lightweight 4+, Varsity 4+, and Lightweight 8+ all earned bids to the Scholastic Rowing Association of America (SRAA) National Championship held in Camden, N.J. Memorial Day Weekend!! Both the Varsity 4+ and Lightweight 4+ will represent SJA on the national stage!

Spring Sports Banquet

The 2013 Spring Sports Banquet will be held on Tuesday, May 21, at Brennan's Party Center in Cleveland on Triskett Road. Spring sports are rugby, track & field, softball and crew.

Please click on spring banquet for the reservation form.

Track & Field

All events were rained out.