



SEAHAWK JOURNAL

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STEM POSTER PRESENTATIONS

Students present findings from research projects

For more than 30 years, Cecil College has been dedicated to offering STEM programs on the cutting edge of today's technology. The results of these programs were on full display during the bi-annual STEM Poster Presentation at the conclusion of the 2021 fall semester.

The STEM Poster Presentation is an opportunity for students to present their research findings for peer review. Each student introduced their research, hypothesis, research methods, and conclusions.

"This was a great opportunity for me to explore what I have learned this semester in my Biology II course and put it into practice," said Annika Fockler. She is majoring in biology with a concentration in environmental science. "The instructor-to-student ratio at Cecil College is outstanding to the point where the professor was able to give us a lot of support and assistance. When we had questions with our research, it was easy to ask questions and get immediate feedback."

Fockler and her lab partner, Carsyn Cernos, researched the effects of stimulants and depressants on the *Daphnia magna* heart rate, a microscopic crustacean. They used ethanol as the base depressant and nicotine as the base stimulant, for which they had documented data. The third element, considered the unknown, was Bang Energy Drink, containing 300 milligrams of caffeine.

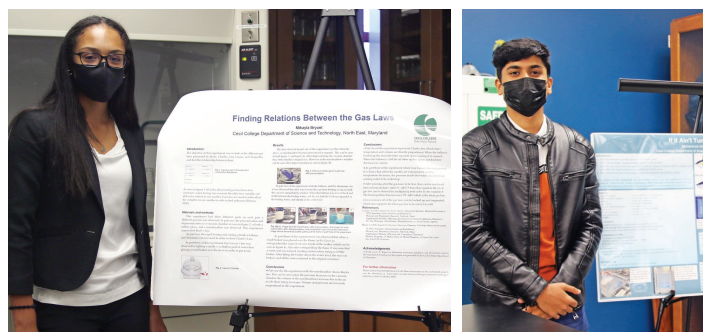
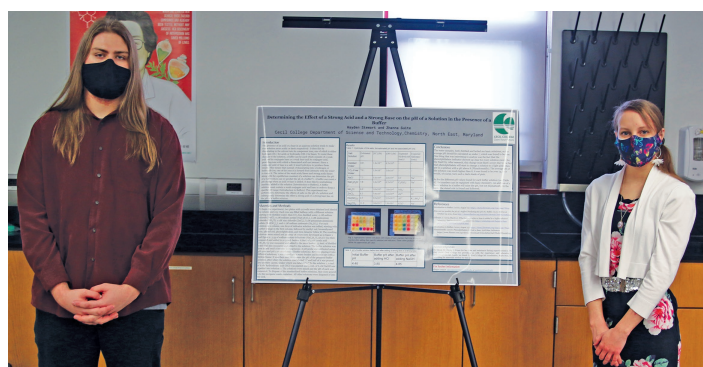
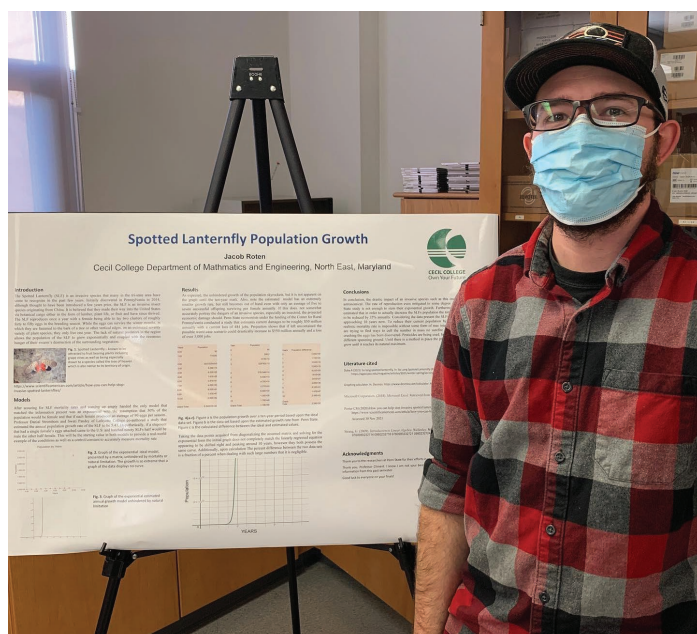
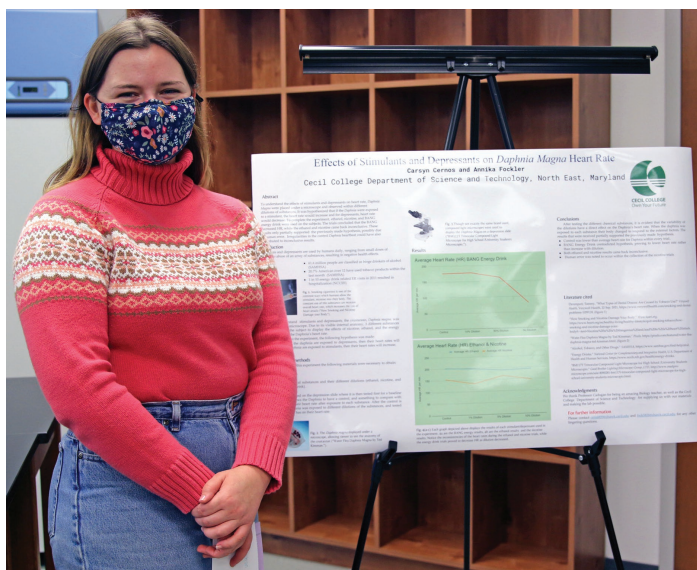
Another presentation, by Katherine Haire, covered the field of DNA sequencing. With her lab partner, Madelyn Eddinger, they were presented with a slice of fish and performed tests on the substance to confirm the species.

They began by mincing the sample that was placed in a microcentrifuge tube. In sequence, resuspension, lysis, and neutralization materials were added before placing the test tube in the centrifuge for five minutes. Following several more steps, the extracted DNA sample was applied to a gel swath in electrophoresis, and electricity was applied. The result identified the sample as rainbow trout.

"Without the state-of-the-art equipment the College provides, we would not have been able to conduct these types of experiments," said Haire, who is a first-year biology major. "We were happy with the strong results we got on the gel electrophoresis."

27 students in biology, bioproduction, chemistry, engineering, microbiology, physics and mathematics programs presented the results of their research from the semester.

To learn more about Cecil College's STEM programs, visit cecil.edu/stem or contact Admissions at 410-287-1006, live chat at cecil.edu, or email admissions@cecil.edu.



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NEWS & EVENTS

PTA Students Get Hands-On Experience

Turn that passion for athletics into a career!



NEW!

SPORTS MANAGEMENT A.A.S. DEGREE AT CECIL COLLEGE

Turn that passion for athletics into a career, and you might feel like you never work a day in your life! Cecil College has launched a new Sports Management program that can kick off your career in the world of athletics.

You don't have to be a superstar athlete to have a career in the sports industry. A degree in Sports Management can lead to being an athletic director, sports information director, promotions and events coordinator, marketer, and sales manager.

This growing field is an exciting and dynamic arena, with opportunities for a challenging and rewarding career. As sports technologies evolve and the industry continues to innovate globally, fan engagement and new programs have created a wide variety of career paths from which to choose. Earning an Associate of Applied Science degree in sports management from Cecil College is the first step toward getting into the industry.

Cecil College's program is designed for students who seek to acquire a complete framework of business concepts and skills directly related to sports management. Students will realize the role of sports managers in various athletic settings and understand management, accounting, and leadership skills to build a foundation in their chosen athletic environment.

TRANSFER AGREEMENTS

Cecil College's sports management program also prepares students to take the next step in their education with articulation agreements with four-year institutions such as Southern New Hampshire University, which offers bachelor's and master's degree programs in sports management. Want to stay local? Many four-year universities in Maryland offer bachelor's degree programs in sports management.

“Students leaving Cecil College with a Sports Management degree will be in great position to succeed in the constantly evolving and growing sports field.”
- Daniel Roman, Assistant Professor I, Health & Fitness

continue their education towards a Bachelor's degree in Sports Management, Business Management, Human Resources Management, Marketing or Organizational Leadership, increasing students' opportunities in the field of sports management,” said Vice President of Academic Programs, Dr. Christy Dryer.

For more information about this program, visit cecil.edu/sportsmanagement or contact Admissions at admissions@cecil.edu, live chat at cecil.edu or call 410-287-1006.

Cecil Physical Therapist Assistant students attended a workshop on pediatric congenital heart disease on December 2. A Physical Therapist from Johns Hopkins Children's Center presented the workshop to educate students on this specific population.

The PTA students learned how congenital heart disease is managed from a surgical and medical standpoint. They also developed treatment plans for the habilitation of these children, assisting them to achieve age-appropriate gross motor milestones. Practicing with the pediatric mannequins gave them hands-on experience with handling and positioning infants during treatment sessions. It was an amazing opportunity for our Seahawks!





CECIL SEAHAWKS



Davis, Wagner Selected to Region 20 Team

After a long, hard-fought season, Cecil College is proud to announce that freshmen Lydia Davis and Amanda Wagner were selected to the NJCAA Region 20 DII All-Region Awards list.

Freshman outside setter Davis was Second Team All-Region. Davis had a team-high 100 kills for the season and was a key contributor for the Seahawks. Davis was also second on the team with 105 digs on the season. In addition, she recorded 23 aces for the season, which was second on the team.

Freshman outside setter Wagner was an Honorable Mention All-Region. Wagner led the Seahawks in digs for the season with 117 digs. She was second on the team for the season with 54 kills. Wagner also added 28 aces for the season, which was a team-high.

Wagner and Davis started all 13 matches for the season and will be huge contributors for the Seahawks next season. They both look to improve their record and statistics as sophomore members of the Cecil College volleyball team.

HOT START FOR RECENTLY RANKED SEAHAWKS

The Cecil College men's basketball team has kicked-off their season on the right foot after recently picking up their twelfth win in a row as of Wednesday, January 19, 2022. With this win, the Seahawks are boasting a 14-1 record. Their sole loss back on November 21, or 61 days ago, was handed to them by the Bears of Harcum College, a nationally-ranked NJCAA Division I team.

However, this loss did not stop the Seahawks from climbing the NJCAA Division II rankings. The Seahawks first appeared in the national poll at the 18th spot (out of 20 teams) during the week of December 13, 2021. The Seahawks have since continued their win streak through the New Year and have successfully found themselves within the top 10 and currently rank 9th for the week of January 17, 2022. The national rankings, by division, are updated weekly.

The Seahawks have been led offensively by starting guards Darell Johnson (sophomore), Dominick Carrington (freshman) and starting forward Khalid Gates (sophomore). Each of them averages scoring in the double-digits. Coming off the bench, sophomore forward Josh Thomas has been a solid rebounder and Kejuan Frager (sophomore) has dished out an average of 3.4 assists per game.

After starting off the season against a few non-conference and non-region opponents, the Seahawks are coming up on many significant games that will play a huge role in their future play-off picture.

When asked about his outlook on the rest of the season, head coach Ed Durham, who recently picked up his 100th career win, said: "We are off to a solid start; however, it is a marathon. It has taken a little bit to get moving after the COVID pause early on, but I like the make-up of this team. After the holiday break, we came back in January with the same sense of urgency and enthusiasm. The entire coaching staff (Brian Selby, Mike Jerome, and Kendrick Sumpter) looks forward to working with these young men every day. The most important thing for our staff is that it is about the young men themselves."

The Seahawks hope to continue their winning streak and reach their ultimate goal of returning to the NJCAA DII National Tournament in Danville, Illinois. The Seahawks have been participants in the national tournament twice in the last six years, most recently in 2019 when they finished 4th.

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ALUMNI SPOTLIGHT



Meet Alumnus Corey Walsh

One of the most challenging aspects of being a teenager is contemplating what to do after high school. Choices include college, joining the military, finding a job, or just taking a gap year. Corey Walsh considered these options when he graduated from Rising Sun High School.

"I attended Cecil College right out of high school because it is what everyone expected of me. But I wasn't ready, I didn't take it seriously, and my grades reflected that attitude," said Walsh, who left school after two semesters to join the military. "Joining the military taught me discipline, focus, and time management skills that would prove vital to my success when I returned to Cecil College after serving to complete my degree."

As a non-traditional student at the age of 23, Walsh found he was focused on his future, taking every course seriously. He completed his associate degree in Criminal Justice from Cecil College in 2020 with "straight A" grades. He went on to earn a bachelor's degree in Criminal Justice from the University of Delaware in December 2021.

"What I have learned is that life comes fast, and as an 18-year-old, you are focused on other things. As a returning student, it was a conscious decision to better myself. Coming back to Cecil College was the path to bettering myself," said Walsh.

But being a non-traditional student presented Walsh with challenges he hadn't foreseen. Upon returning to college while juggling home life and work, he feared he would feel out of place because he was older than the traditional students. He soon discovered that he wasn't alone as more than 40 percent of Cecil College's enrollment are non-traditional students, and the faculty and staff provided a welcoming environment.

In addition, he learned there are resources available to Student-Veterans including the Veterans' Club and the Veterans' Lounge.

"When I came back, I didn't know anyone, so I don't know if I was so much shy as I was reserved. But all the professors and the staff make the environment very welcoming for all students. It gave me a sense of calm and comfortableness because everyone on campus has a connection," said Walsh.

Now living in Elkton, Walsh chose to return to Cecil College because it was familiar, and he knew several of the professors from when he first attended. He developed an interest in law enforcement and learned that Cecil College's criminal justice program had been

revived under Dr. Ashley Fundack with the assistance of Richard Gibson.

"They (Fundack and Gibson) are both incredible teachers who have made this program an intense learning experience.

Their course curriculums helped me understand the tactics of law and how they are applied while also teaching us that there are obscure laws the public doesn't know about that are very important to the criminal justice system. My instructors made sure we understood all aspects," said Walsh.

Walsh also chose Cecil College because tuition was significantly less than surrounding colleges and universities for an equally high-quality education. He discovered that tuition covered more than just his courses as he utilized computer labs and had full access to the databases maintained in the Veterans Memorial Library on the North East Campus. The library staff provided much-needed assistance in his studies, as they assisted him in identifying the resources and databases needed to accomplish assignments.

When it came time to transfer to a four-year university, Walsh found Cecil College had dozens of articulation agreements with colleges and universities throughout the tri-state region. Choosing the University of Delaware, all of his credits seamlessly transferred, allowing him to complete his bachelor's degree in Criminal Justice in 18 months.

Walsh also completed his training at the Delaware Constable Academy, allowing him to be hired as a Special Police Officer by Cecil College's Public Safety. His service in the military provided him with weapons and tactics training and experience working with a diverse population. "Serving in the military was critical to my growth as a person and a professional," said Walsh.

FIND OUT IF CECIL COLLEGE IS RIGHT FOR YOU!

- Contact an Admissions representative to learn about:
- Academic Offerings
 - Tuition Rates
 - Paying for College
 - Student Life
 - Student Services and Resources
 - Admissions Next Steps

Call us today with any questions at 410-287-1006, live chat on cecil.edu during regular hours, or email admissions@cecil.edu. We look forward to hearing from you!

The Cecil College Foundation provides scholarships to recent high school graduates as well as adult students. All current and future students of the College are encouraged to apply.

Awards are need and non-need based. Complete your application at cecil.edu/scholarships. foundation@cecil.edu • 410-287-1053

