

ALL-STARS OF THE ACADEMIES

A quarterly newsletter highlighting the students & staff at the Academies of Greater Clark

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Engineering & Advanced Manufacturing Academy Spotlight



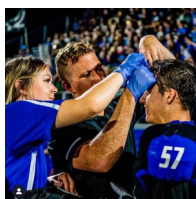
Margad Pagva is a sophomore at JHS who selected this academy because he plans to pursue an engineering degree. Margad said, “with Jeff High having different academies for different types of careers, choosing the engineering/manufacturing academy for me was a no brainer. With the engineering academy it also allows me to pursue my interests in designing and problem-solving real-world problems.” When asked about his favorite project in the academy, he fondly recalled his first project that required him to design a CO2 dragster car. “What I loved about this project was how it highlighted each step of the engineering process we learned beforehand, and taught me how to design on CAD software. This project was the base that helped me solve and design all future projects which was why I love this project the most.”



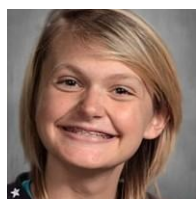
Greg Bowen is a mathematics teacher at JHS with nearly three decades of instructional experience. He says, “students should join the Engineering & Advanced Manufacturing Academy because we have a wide variety of real world skills and college prep skills they can learn from experienced, high quality instructors that care about them and want them to succeed. Students can learn hands-on skills such as welding, construction, robotics automation, and architecture while also taking high level core curriculum classes that will prepare them for success on required standardized testing and success in college if they choose that career path.”

Mr. Bowen is very proud of what the academies do for students & teachers and emphasizes their importance. He says, “The academy model is important to me because it allows both the teachers and students to choose the academy that most closely aligns with their own personal interests, talents, and knowledge. I am a Purdue University graduate and come from a big family of engineers (electrical, civil, mechanical) so when I got the chance to choose my academy, the Engineering & Advanced Manufacturing Academy was a perfect fit for me. I am able to give my students who are interested in pursuing a career in engineering some first hand knowledge and insight into what the academic requirements are, how the content they are learning is applied in a real world setting, and what different engineers actually do on a daily basis.”

Health Services Academy Spotlight



Zachariah Burkhardt is an exercise science instructor in his third year at both CHS and NWHS. After the school day concludes, his work does not end, as he also serves as an athletic trainer for the schools. Mr. Burkhardt leverages his unique position as the athletic trainer and provides students the opportunity to shadow him during practices and games. When asked to describe the students’ shadowing experience, he elaborates, “They get to show up before kickoff to see injury prevention techniques, stay at my side during the game, and witness any injuries that may occur. Furthermore, we also have an orthopedic physician and/or a physical therapist on the sideline that they get to interact with and ask questions.” Mr. Burkhardt’s ultimate goal is to help students decide if a career in healthcare is the correct pathway for their future. In turn, he recognizes unforeseen value that can come from the shadowing experience, “If a student gets squeamish or nauseous at the site of blood or a nasty fracture, healthcare may not be the optimal choice for them.”



Averie Wilson is a sophomore at NWHS who chose the Health Services Academy because of their interest in health-related careers. In reflection of their time in this academy, Averie said, “My favorite activity that we did in the Health Services Academy was our trip to Clark Memorial Hospital... we got to walk around and see what it was really like to work in a hospital...and all the different careers offered at a hospital.” As a result of this trip, Averie plans to look for a job “in the near future” at Clark Memorial.

Business & Entrepreneurship Academy Spotlight



Shayne Stock is a social studies teacher with two decades of teaching experience. He is now teaching *Current Problems, Issues and Events* at JHS, but he also taught *US Government*, *World History*, and *Personal Finance* during his first semester at CHS. As a teacher in the Business & Entrepreneurship Academy, Mr. Stock touts the importance of his Personal Finance class, “We follow the Dave Ramsey program. It focuses on real world experiences and advice. Students make budgets, and learn how to invest properly for retirement.” He believes that focusing on personal finances and career interests is a “worthwhile” endeavor for students to pursue “early rather than later.”



Eric Lannan is a *English 10* instructor at CHS who is in his twentieth year of teaching. His favorite activity in the Business & Entrepreneurship Academy is having students create a real-world business. When asked to describe this activity, Mr. Lannan said, “Students create t-shirt shops, selecting logos, price points, target audiences, etc. Kids love it!” He believes this activity has impacted how he teaches. Mr. Lannan further explains, “Teams must work together to *sink or swim*. This is a valid, realistic business experience. [Therefore,] the teaming process is vital. It has changed my approach in how I look at creating groups in my own classroom.”