

PRE-ENGINEERING TEACHER SPOTLIGHT

CATHERINE COATS

**HAYNES ACADEMY,
JEFFERSON PARISH**

WHAT IS YOUR FAVORITE PRE-ENGINEERING STEM PATHWAY COURSE?

My favorite STEM Pathway course is Intro to Engineering because of all of the hands on activities and the constant excitement from the students wondering "what's next?" I love that the course is laid out so I feel confident with the lesson plans but also have freedom to tailor the course to my students. Another thing I love is the opportunity it leads to bring professionals into the classroom so the students can not only hear from them but also interact with them.



PRE-ENGINEERING TEACHER SPOTLIGHT

WHAT IS YOUR FAVORITE MEMORY FROM
A STEM PATHWAY COURSE?

My favorite memory was last year when a tenth grade student was teaching a ninth grade student how to do something. It was magical because they are both girls but the ninth grade student was intently listening. Side fact the ninth grade student was a chronic skipper to classes but came to learn in Intro to Engineering.

TOMYKA MUSE
AMITE HIGH
TANGIPARHOA PARISH



PRE-ENGINEERING TEACHER SPOTLIGHT

HOW HAVE THE STEM PATHWAY COURSES IMPACTED YOUR STUDENTS?

I feel like the STEM courses gives my students a place to be themselves. They are surrounded by other students with similar interests, and they can nerd out without worrying what anyone else thinks. They love being part of a community within their school.

MADISON PRATT

**CENTRAL HIGH SCHOOL
CENTRAL COMMUNITY SCHOOL DISTRICT**



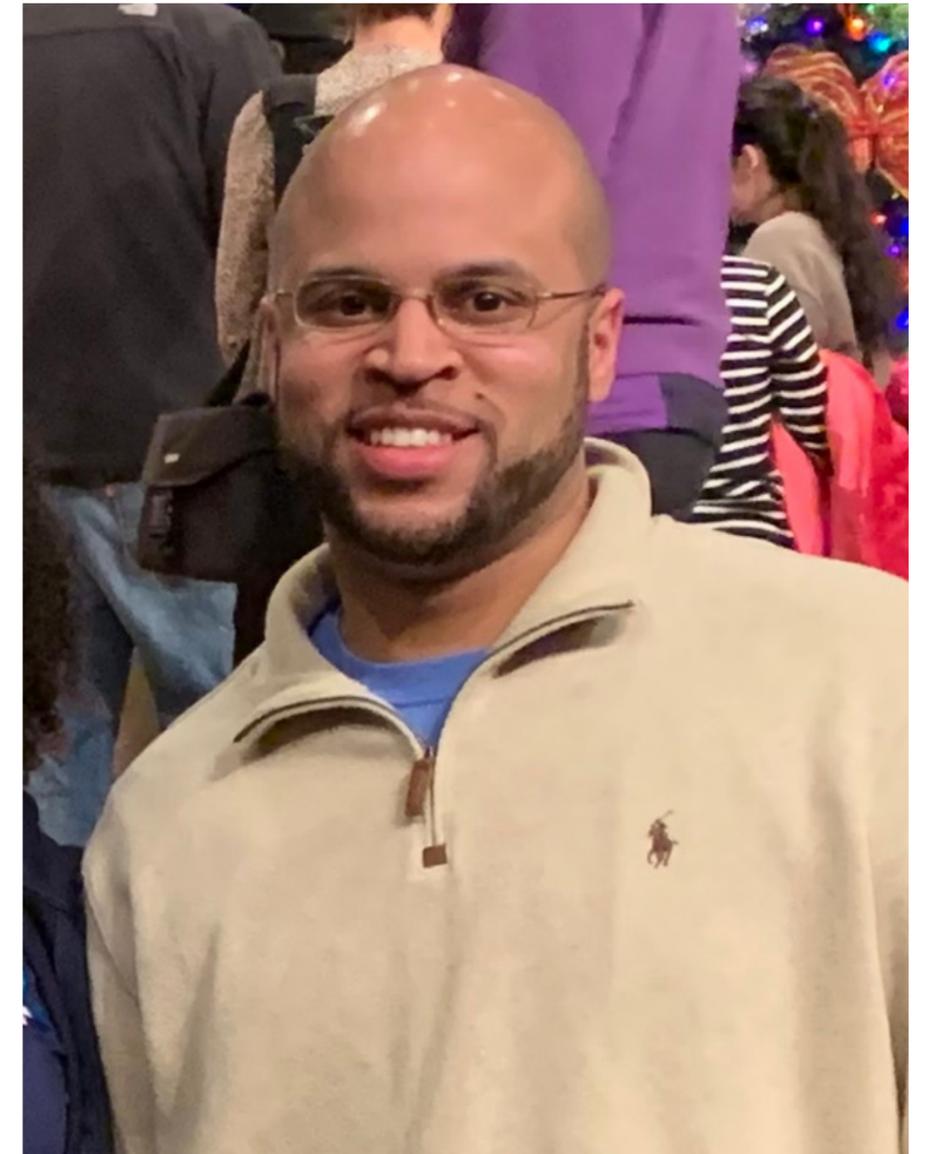
COMPUTING & PRE-ENGINEERING TEACHER SPOTLIGHT

WHAT IS YOUR FAVORITE MEMORY FROM A STEM PATHWAY COURSE?

One of my favorite memories is from the 21-22 school year. I had a student who came into the class intimidated with coding and, at the end of the school year, completed one of the best projects of the class. It was used on the BRBYTES website as an example.

CHRIS LANG

**ALFRED M. BARBE HIGH
CALCASIEU PARISH**



COMPUTING & PRE-ENGINEERING TEACHER SPOTLIGHT

WHAT IS YOUR FAVORITE STEM
PATHWAY COURSE TO TEACH AND WHY?

Intro to Robotics is my favorite because it introduces soft skills such as communication, critical thinking, and problem solving. It is also a time to introduce the engineering design process to my students and allow them to be creative.

**BRITTANY
JACKSON**

**BELAIRE HIGH SCHOOL
EAST BATON ROUGE PARISH**



COMPUTING & PRE-ENGINEERING TEACHER SPOTLIGHT

HOW HAVE THE STEM PATHWAY COURSES IMPACTED YOUR STUDENTS?

The STEM Pathway has impacted my students to such an extent that those who never had the thought of pursuing a career in STEM will be enrolling upon completing high school. The smiles on my student's faces after they built their first robot and seeing them drive their accomplishment around the classroom was priceless!!!

SHERYL LAFLEUR

**MCKINLEY HIGH SCHOOL
EASTY BATON ROUGE PARISH**



BIOMEDICAL SCIENCES TEACHER SPOTLIGHT

ADRIANE BERCEGEAY

**ST. AMANT HIGH
ASCENSION PARISH**

HOW HAVE THE STEM PATHWAY COURSES IMPACTED YOUR STUDENTS?

I feel the STEM Pathway has give my students an academic experience they would never have had without being part of this project. As a high performing school we are hyper focused on test preparation and performance that sometimes the fun and explorative parts of education are diminished greatly. This program allowed students to be judged on their work effort and performance rather than a test score.



BIOMEDICAL SCIENCES TEACHER SPOTLIGHT

WHAT IS YOUR FAVORITE MEMORY FROM
A STEM PATHWAY COURSE?

This is my first year teaching Introduction to Biomedical Sciences and I LOVE IT. I had a moment where I was speaking to my students about the depth of the field. They were really inspired by the limitless opportunities that this field can provide them. I love seeing students find their passion and realize their potential.

DARIAN ROBERSON

**SULPHUR HIGH SCHOOL
CALCASIEU PARISH**



DIGITAL DESIGN TEACHER SPOTLIGHT

WHAT IS YOUR FAVORITE STEM
PATHWAY COURSE TO TEACH AND WHY?

I LOVE teaching Digital Storytelling. I have seen creativity blossom and even the quietest kids get engaged. I have had students not only tell me this was their favorite class, but some have even said it sparked their interest enough that they changed their college majors!

HEIDI MAIN

**POINTE COUPEE SMA
POINTE COUPEE PARISH**



DIGITAL DESIGN TEACHER SPOTLIGHT

WHAT IS YOUR FAVORITE STEM PATHWAY COURSE TO TEACH AND WHY?

I love Basic TV and Film because it allows me to teach collaborative groupwork skills at a whole new level. TV & Film production is *embodied* creative work — it requires each student to be on their feet, working with their hands, being as dynamic and flexible as possible in a high-pressure environment, all while treating their teammates with the utmost respect and support. And did I mention that it's FUN? For everyone in class, myself included, our shoots are reliable high points in every week, full of laughter and engaging questions and student success.

MIKE CAVALIER

**BEN FRANKLIN HIGH
ORLEANS PARISH**



LSU

Gordon A. Cain Center

DIGITAL DESIGN TEACHER SPOTLIGHT

WHAT IS YOUR FAVORITE MEMORY FROM A STEM PATHWAY COURSE?

My favorite memory from a STEM Pathway course was my first year teaching Digital Storytelling when my students made their very first black and white (no sound) video. Watching my students make these videos was not just so much fun, but having them go back years later seeing how much they had grown was one of the most beautiful and rewarding moments of my teaching years.

SHELISA ENGLISH

**ST. JOHN THE BAPTIST SMA
ST. JOHN THE BAPTIST PARISH**



LSU

Gordon A. Cain Center

MIDDLE SCHOOL TEACHER SPOTLIGHT

WHAT IS YOUR FAVORITE STEM PATHWAY COURSE TO TEACH AND WHY?

Aquaponics is a great addition to the STEM courses because it covers core subjects like Math, Engineering, Biology, and Chemistry. It gives students instant practical applications of the lessons taught. It also gives the students ownership of their learning. It has been incredible to see students not only excited about learning, but also excited to share what they are learning with others.

JUSTIN RAYBURN

**DENHAM SPRINGS JR HIGH
LIVINGSTON PARISH**



MIDDLE SCHOOL TEACHER SPOTLIGHT

HOW HAVE THE STEM PATHWAY COURSES IMPACTED YOUR STUDENTS?

I am not always sure, but I hope students will begin to see technology from behind the screen. They are slowly thinking of computing from the builder's perspective instead of the users/application perspective. I let them know that these classes are designed for those who know nothing about technology and that they have a great opportunity to learn in a no judgement environment - we are learning together. This is one class where there truly is no dumb question.

MAURA LEWIS

**WOODLAWN MIDDLE SCHOOL
EAST BATON ROUGE PARISH**

