

# Imagine

the possibilities

# Summit

[www.itpcareerexpo.com](http://www.itpcareerexpo.com)



CREATE  
NORTHEAST MISSISSIPPI'S  
COMMUNITY FOUNDATION

Download the  
new **APP** now!



Download on the  
App Store



GET IT ON  
Google play



## The Orchard

1379 North Coley Rd

Tupelo, MS 38801

SEPT. 30, 2022

8:30 a.m. - 11:30 a.m.

# Welcome to the Imagine the Possibilities Summit.

The vision of this event is to **expose**, **prepare**, and **connect** all of our stakeholders to the many opportunities, resources, and partnerships in our region.

**Our goal** is for all stakeholders to utilize the presented information and take an active role in their communities. **By bridging the school-to-community connection, we are building communities of excellence** for our current and future talent. We encourage you to be an active partner as we change the educational landscape of our region.

## Let's Imagine the Possibilities!

### Connect Now



Use this code to Register or Sign in at Event

# Toyota Wellspring Education Fund

Expose Prepare Connect

## EXPOSE 10th Grade

The Imagine the Possibilities Career Expo virtual experience exposes students to 18 potential career pathways through various media platforms.  
<https://itpcareerexpo.com/>

## PREPARE 11th Grade

Through the use of the YouScience aptitude tool, students align their natural abilities and interests with academic and career planning.

## CONNECT 9th-12th Grades

Career Connections allows your businesses and schools to connect so students are enlightened about their future career possibilities.

Let's schedule a tour now!  
<https://careerconnections.tours/#/>

## INTERNSHIPS

Internships provide students with a first look at real life, full-time job experiences and a hands-on pathway toward his/her career. .

## EMPLOYMENT

- 56% of all Interns in the US have accepted job offers from the company for which they interned.
- 14% are given a part-time job after completing an internship.



# CAREERCONNECTIONS

Career Connections allows businesses in Northeast Mississippi to provide tours to high school students across seventeen counties served by the CREATE Foundation, Inc.

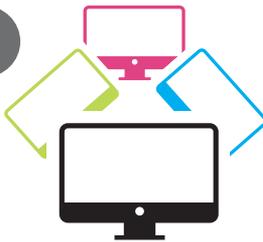
Schedule Business Tours Now for Fall 2022

1



Businesses  
Create Tours

2



School Staff  
Register  
Students For  
Tours

3



Students Tour  
Businesses

Schedule a tour for your business today!  
[www.careerconnections.tours](http://www.careerconnections.tours)

Imagine the Possibilities

# Imagine

the possibilities



**VIRTUAL CAREER EXPO  
LIVE NOW!**

**[itpcareerexpo.com](http://itpcareerexpo.com)**

**October 1st - February 28th**

**Download the  
new APP now!**



**CREATE**  
NORTHEAST MISSISSIPPI'S  
COMMUNITY FOUNDATION



**TOYOTA**  
**WELLSPRING**  
EDUCATION FUND

A FUND OF THE CREATE FOUNDATION



**Dr. Courtney Taylor** serves as Deputy Director of Postsecondary Strategy at AccelerateMS where she works with community colleges, four-year universities, employers, and other workforce training entities to build out Mississippi's coordination of Workforce Development efforts. Prior to this role, she served as Vice President of Workforce and Economic Development at East Mississippi Community College in Columbus, Mississippi where she was responsible for workforce development activities, including The Communiversity, which is a

145,000 square foot advanced manufacturing training facility dedicated to inspiring, informing, and training the local workforce.

Prior to her role at EMCC, Taylor served as a Regional Director for Workforce and Economic Development for the Alabama Community College System. She has served similar roles both at community colleges and institutes of higher learning after a stint serving in a private sector training capacity.

Taylor is a practicing academic and received her Ph.D. in Human Capital Development from The University of Southern Mississippi. She holds a Master's degree in Human Resources Management from Troy University and a Bachelor's in Business Administration from the University of West Alabama. She is also certified as a Professional Community and Economic Developer and serves on the Board of Trustees for the Community Development Council.

**William J. “Bill” Renick** lives in Ashland, Mississippi less than three blocks from where he was born 68 years ago, where both parents were public school teachers. Bill was drawn to public service early in life. At the age of 18, he was elected to the Board of Aldermen in Ashland and later was elected Mayor, then to the Benton County Board of Supervisors, then to the State Senate. He served as Chief-of-Staff to a Lt. Governor and later as Chief-of-Staff to a Governor. In between those years of service Bill was Administrator of Holly Springs Memorial Hospital, President of the Retail Association of Mississippi, and Executive Director of the Marshall County Industrial Development Authority. For the past 13 years, until June 30, 2021, he served as the Workforce Division Director at Three Rivers Planning and Development District in Pontotoc, leading the Mississippi Partnership Local Workforce Area which covers 27 counties in North Mississippi. He is currently the Chairman of the Commission on the Future of Northeast Mississippi and recently was named the recipient of the prestigious Jack Reed Sr. 2022 Community Leadership Award given to an individual for extraordinary leadership for helping improve the quality of life in their community and region.



**David Fernandes** was named president at Toyota Mississippi in December 2020. Fernandes is responsible for all manufacturing and administration functions of Toyota’s Blue Springs plant that produces the Corolla, Toyota’s highest volume selling vehicle in the world.

Before becoming President at Toyota Mississippi, Mr. Fernandes was President at Toyota South Africa Motors (TSAM) in Prospecton, South Africa, where the Toyota Corolla has been produced since 1978. He began his 23-year career with Toyota in 1998

at the West Virginia plant as a group leader, working his way up to Assistant General Manager with responsibility for the North American transmission business. In 2008 Fernandes was assigned to the Toyota Motor North American Production Engineering group and became a General Manager at Toyota Kentucky in 2012. Prior to his career with Toyota, Fernandes was general manager at Rolls-Royce Aircraft Engine Corporation. David graduated from Purdue University in Indiana with a BSB in Business Administration and a BSB in Human Resource Management. He and his wife Hillary, reside in Tupelo, MS and enjoy traveling.



**Dr. Cherie Labat** received a Bachelor of Business Administration from Jackson State University with a concentration in Marketing, a Master of Arts degree from The University of Mississippi in Higher Education and Administration, and a Ph.D. from The University of Southern Mississippi in Educational Leadership and Research.

Dr. Labat has worked as a teacher, middle school reading coordinator, adjunct professor, assistant dean, basketball/volleyball coach, career and technical director, assistant principal, principal, and assistant superintendent over the course of her career. Most recently, she was the

Superintendent of the Columbus Municipal School District.

Additionally, Dr. Labat serves her community through various nonprofit organizations and has been recognized numerous times as an agent of change for her efforts. This is a testament to her commitment to community engagement. As a Career and Technical Dean, she also chaired the first Automotive Service Excellence accreditation in the state of Mississippi.

Dr. Labat has experienced great success as a school leader over the years due to the high level of expectations she demands of her students, teachers, principals, and most of all, herself. Dr. Labat currently is in the League of Innovative Schools and serves as the Cohort Lead for Rural Schools, A Steering Committee Member for the National Superintendent Alliance (NCEE), and a member of the Mississippi Computer Science Task Force.

**Brand Quinn** holds a Bachelor's degree in Special Education, a Master's degree in Educational Leadership, a Specialist's degree in Curriculum and Instruction, and currently serves as the Superintendent of the Alcorn School District. Over the course of his career, Brandon has been a severe-profound special education teacher, a middle and high school assistant principal, athletic director, coach, and high school principal.



Mr. Quinn serves as the Lighthouse Foundation's inner city youth coordinator, in addition to participating in mission trips to many countries around the world providing academic and athletic clinics. Throughout his career Mr. Quinn has been involved with many local, state, and national organizations focused on community development and school leadership.

**Shane Homan** currently serves as Chief Operating Officer for the Community Development Foundation (CDF) in Tupelo, Mississippi. CDF is a 73-year old organization that is consistently recognized as one of the Top 10 economic development organizations in the United States by Site Selection Magazine.



Since joining CDF in 1999, Tupelo/Lee County has been ranked a top-ten micropolitan market in the U.S. multiple times by both Southern Business and Development Magazine and Site Selection Magazine for economic development projects, capital, and job growth. Shane was on the economic development team that recruited Toyota to Northeast Mississippi in 2007 and on the retention team that saved the 1,200-employee Cooper Tire plant in Tupelo in 2008. He also led the team that obtained U.S. Foreign Trade Zone approval to remove the inverted tariff relief for area furniture manufactures, saving some 950 jobs. CDF has recorded over \$3 billion in new capital investment and over \$500 million in new wages since 2006.

Shane completed his undergraduate studies at the University of Mississippi where he earned a B.A. in Public Administration. He is married to the former Angie Kingsley of Tupelo and they have four children. Shane attends and is very active at the Orchard Church.



**Kenneth Wheeler** is the Director of Security Services at North Mississippi Medical Center-Tupelo. NMMC is the largest private hospital in a non-metropolitan in the US and the largest private hospital in Mississippi. There are over 7000 employees in the hospital's 24 county service region. Serving as Director since 1989, Kenneth provides leadership for 43 security officers and is responsible for CCTV and Alarm monitoring, and ID badge operations. Kenneth claims that in his role as Chief Security Officer, there is never a dull moment and that you must have a true passion for your work to survive long term.

Kenneth holds a Bachelor's degree in Industrial Technology from Austin Peay State University, Clarksville, Tennessee, Master's candidate in Security Management, Tulane University, New Orleans, and holds Master Level Instructor certification through the Non-violent Crisis Prevention Institute based in Milwaukee, Wisconsin. He is one of the local chapter founders and has served in various capacities with Crime Stoppers of Northeast Mississippi. He served 3 terms as President of the organization. He was also appointed by three consecutive Governors to serve on the Mississippi Crime Stoppers State Crime Stopper Advisory Council from 1998 to 2006.



Three Rivers Planning & Development District serves as the fiscal/administrative agent for The Mississippi Partnership, which is one of four workforce areas in the State of Mississippi designated to carry out the Workforce Innovation & Opportunity Act (WIOA) of 2014. The Mississippi Partnership Workforce Area encompasses the largest geographical area in the State of Mississippi, covering 27 counties in northern Mississippi and is governed by a 23-member board and 27 chief elected officials.

The Mississippi Partnership is responsible for establishing and maintaining a skilled workforce system that provides the highest quality services and a skilled workforce. The Partnership is also responsible for establishing local performance standards, one-stop delivery centers (known as WIN Job Centers in the State of Mississippi), selecting qualified service providers for youth services, and monitoring performance.

<http://trpdd.com/workforce/>



This valuable resource was compiled for teachers and students in the 17 Northeast Mississippi counties covered by the CREATE Foundation. Our goal is to connect schools with career professionals within our area by providing a resource, which identifies internship, externship, co-op, job shadowing, training on the job, and apprenticeship opportunities for young adults.

The directory also provides guest speaker contacts for teachers to access when planning career days or talk to professionals in specific fields of interest. We hope the result will be more students aware of careers and opportunities that are right here in Northeast Mississippi!

<http://createfoundation.com/pathways2professionals/>



### **YouScience uncovers ALL talent**

The power of YouScience lies in our performance measures of aptitudes and our ability to connect natural talent with in-demand careers. We cut through social noise and gender biases to create more equity and access – matching users to their best-fit careers and giving them the confidence and data to make informed decisions about their futures.

[www.youscience.com](http://www.youscience.com)

# Welcome

Welcome to the virtual Imagine the Possibilities Career Expo! Tenth-grade students from seventeen Northeast Mississippi Counties will have an opportunity to participate in this year's virtual experience. Please take a moment to register on our website ([www.itpcareerexpo.com](http://www.itpcareerexpo.com)) or through our app (ITP Career Expo) to begin your career exploration journey!

Be sure to explore the 18 career pathways included in this booklet, as each page lists possible jobs and careers within each professional field, the median expected salary, and the educational and training paths to follow. We've also added gamification to this year's experience and hope you take advantage of earning points to have an opportunity to win the awesome Apple products!

## Table of Contents

Lead Sponsor .....	10
Founding Sponsor .....	11
Agriculture, Food & Natural Resources.....	12
Aerospace .....	14
Architecture & Construction .....	15
Arts, A/V Technology & Communications .....	16
Business Management & Administration .....	19
Education & Training .....	20
Engineering .....	22
Energy .....	24
Finance.....	25
Government & Public Administration .....	26
Hospitality & Tourism.....	27
Health Sciences .....	28
Marketing.....	31
Information Technology.....	32
Human Services .....	35
Law, Public Safety, Corrections & Security .....	36
Manufacturing .....	38
Transportation, Distribution & Logistics .....	40





# CREATE

NORTHEAST MISSISSIPPI'S  
COMMUNITY FOUNDATION

As a community foundation, CREATE works to promote philanthropy, build and oversee permanent endowments and provide leadership on key community issues. Since 1972, CREATE has partnered with individuals, families, organizations, and corporations to provide grants to non-profits that help meet a wide range of community needs. The focus of the foundation includes leadership and support for education, health and human services, public recreation and beautification, and the arts. For almost 50 years, CREATE has been there meeting the needs of our communities and making a lasting impact in our region.

CREATE Founders George and Anna Keirseay McLean believed that by joining together, communities could cultivate leaders that would make a difference for us all. Programs like the Northeast Mississippi Youth Foundation (NEMYF) that teach area students about philanthropy and leadership are making a difference. The newly formed Linking Education to Careers Leadership Council is developing ways to enhance college and career readiness for K-12 students. CREATE has more than

80 scholarship funds that help students further their education. The Commission on the Future of Northeast Mississippi, the program arm of CREATE, has intensely focused on improving educational quality and attainment for our region. It has led the way in establishing the Tuition Guarantee program for Northeast Mississippi. Tuition Guarantee allows students to attend one of the four community colleges in our region tuition-free. CREATE also helps sponsor the Teacher of Distinction awards that honor outstanding public school teachers in the Tupelo and Lee County school districts. CREATE has a long history of supporting and enhancing public education. Through its partnerships, CREATE will continue to make an impact in the lives of students that will better prepare them for the future. CREATE is proud to be a lead sponsor for the Imagine the Possibilities Career Expo.

If you or your company are interested in becoming a sponsor, participant, or volunteer for next year's career expo, please contact the CREATE Foundation at (662) 844-8989 or visit us at [www.createfoundation.com](http://www.createfoundation.com).



# TOYOTA WELLSPRING EDUCATION FUND

## A FUND OF THE CREATE FOUNDATION

The commitment of Toyota to establish a \$50 million endowment over ten years at the CREATE Foundation is one of the most extraordinary gifts to support public education in the history of our state. Over the past several years, CREATE, through the recommendation of the Toyota Wellspring Advisory Committee, has used the proceeds from the endowment to enhance education in Lee, Pontotoc, and Union Counties.

It is difficult to measure the impact of such an extraordinary gift. However, because of Toyota's presence and generosity, we believe our region will never be the same.

### INVESTMENT

Over \$9 million spent to enhance K-12 education in Lee, Pontotoc, and Union Counties since the funds inception.

### GRANTS

Over \$2 million in grants used to improve technology and necessary infrastructure, while enhancing early childhood education and STEAM instruction in the eight school districts.

### DUAL-ENROLLMENT

Dual-enrollment courses in web app development, healthcare careers, aviation, advanced manufacturing and more. Courses allow students real-world experiences and opportunities to garner college credit.

### SUMMER CAMPS

Tuition for summer academic camps at MSU, Ole Miss, and NMMC exposes students to culinary instruction, STEAM experiences, as well as advanced manufacturing camps held on the campuses of NEMCC and ICC.

### TWELF LEADERSHIP COMMITTEE

The establishment of the Toyota Wellspring Education Fund Leadership Committee, comprised of educators and business leaders who assist in developing systemic changes to link education to careers in kindergarten through grade 12.

### IMAGINE THE POSSIBILITIES CAREER EXPO

For over 6 years, the Imagine the Possibilities Career Expo has provided over 30,000 eighth-graders from the 17 CREATE counties with the opportunity to experience 18 career pathways.

In 2020, Imagine the Possibilities Career Expo experience veered from an in-person event to a virtual format. The virtual format includes a website, [www.itpcareerexpo.com](http://www.itpcareerexpo.com), and Imagine the Possibilities app that is accessible via Apple and Android products. Students and parents can access information on all eighteen pathways with each pathway including a pathway overview video, pathway resources, a "day in the life" videos, mentor for a minute clips, and a podcast.

All career pathways with which students receive exposure align with the Mississippi Department of Education College and Career Readiness Standards.

### TEACHER OF THE YEAR

Funding for the Teacher of the Year awards in all eight districts. Teachers are recognized with a commemorative plaque and a monetary amount.

### CAREER COACHES

Hiring and placement of 12 Career Coaches in 14 high schools in the PUL districts who will function as liaisons for students and business and industry. Career Coaches will ensure students are exposed, prepared, and connected to their college and career goals and resources while supporting workforce development in this region.



## Career Options

### High School Diploma & Training

- Groundskeeper
- Harvester
- Animal Caretaker
- Miller
- Nursery Worker
- Veterinary Assistant
- Fish & Wildlife Technician

### 2+ Year Post-Secondary Education

- Animal Breeder
- Veterinary Technician
- Lab Technician
- Hatchery Manager
- Air & Quality Technician

### 4-Year+ Degree

- Fish & Game Warden
- Oceanographer
- Botanist
- Environmental Engineer
- Agriculture Manager
- Veterinarian
- Food Scientist
- Astronomer
- Forester

The agriculture, food and natural resources career pathway focuses on supporting life by ensuring that we are responsibly managing our food production and natural resources. These areas supply us and many other countries with a wide variety of food products and non-food products, such as fibers, natural resources and nursery items. These fields contribute positively to our foreign trade balance, and they remain some of the nation's larger industries in terms of total employment. This cluster focuses on preparing students for careers in the planning, implementing, producing, managing, processing and marketing of agricultural goods and services.

## Student Resources

**Future Farmers of America**  
[www.florida.org](http://www.florida.org)

## Pathfinders

PATHFINDER	AFFILIATION
Dr. Bill Burdine	MSU Extension Service-Tupelo

## Mississippi Industry Outlook

Occupation	Education Required	Annual Salary
Agricultural Inspector	Bachelor's Degree	\$25,540 - \$63,150
Food Scientist	Graduate Degree	\$34,750 - \$104,840
Veterinarian	Graduate Degree	\$51,530 - \$144,100
Forester	Graduate Degree	\$37,160 - \$83,370

Bureau of Labor Statistics Information, [www.bls.gov](http://www.bls.gov)

# Agriculture, Food, & Natural Resources

## Morgan Hillhouse

### Pontotoc High School

Pontotoc High School (PHS) student, **Morgan Hillhouse**, took part in the Virtual Imagine the Possibilities Career Expo as a 10th grader, where she had the opportunity to learn about careers in the Agriculture Pathway. While being enrolled in Gary Dixon's College and Career Readiness class as a junior at Pontotoc High School, she was assigned to shadow someone in her career field of choice. Jennifer Dale, PHS career coach, found her a shadowing opportunity with a community minded florist, Redele Sewell, owner of Flowers and Gifts of Pontotoc by Redele. Morgan has also taken part in opportunities at the Pontotoc Ridge Career and Technology Center, where she is enrolled in Mr. Clint Young's Agriculture Program and serves as a Future Farmers of America (FFA) officer. She participated in the state FFA Sr. Floriculture competition with her teammates and placed Second in state. Morgan's goal is to major in Floriculture at Mississippi State University, become a florist, and own her own shop.



- ITP Career Expo user - Agriculture pathway interest
- Pontotoc Ridge Career and Technology Center in Agriculture Program
- Future Farmers of America (FFA) officer
- Shadowing of community minded florist Redele Sewell, owner of Flowers and Gifts of Pontotoc by Redel
- Floriculture competition participant with FFA and placed second in the state
- Plans to go to Mississippi State University and major in floriculture



Aerospace workers apply mathematical and scientific principles to the design, development and operational evaluation of aircraft, space vehicles and their systems; applied research on flight characteristics; and the development of systems and procedures for the launching, guidance and control of air and space vehicles.

## Mississippi Industry Outlook

Occupation	Education Required	Annual Salary
Aerospace Engineer	Engineering Degree	\$65,130 - \$150,680
Structural Engineer	Engineering Degree	\$65,130 - \$150,680
Quality Engineer	Engineering Degree	\$47,840 - \$76,960
Non-Destructive Testing	On-The-Job Training/ Technical Training	\$47,840 - \$76,960
Customer Service	Post-Secondary Education	\$41,600 - \$68,640

Bureau of Labor Statistics Information, [www.bls.gov](http://www.bls.gov)

## Student Resources

**SkillsUSA**  
[www.skillsusa.org](http://www.skillsusa.org)

## Pathfinders

PATHFINDER	AFFILIATION
Dr. Shana Lee	Bagley College of Engineering Mississippi State University

## Career Options

High School Diploma & Training

- Non-Destructive Testing
- Inspector
- Technical Customer Service
- Assembler
- Avionics Mechanic
- Material Handler
- Sheet Metal Fabricator
- A & P Mechanic
- Production Machine Operator

4-Year+ Degree

- Aerospace Engineer
- Manufacturing Engineer
- Structure Engineer
- Quality Engineer
- Business Unit Leader

## Career Options

High School Diploma & Training

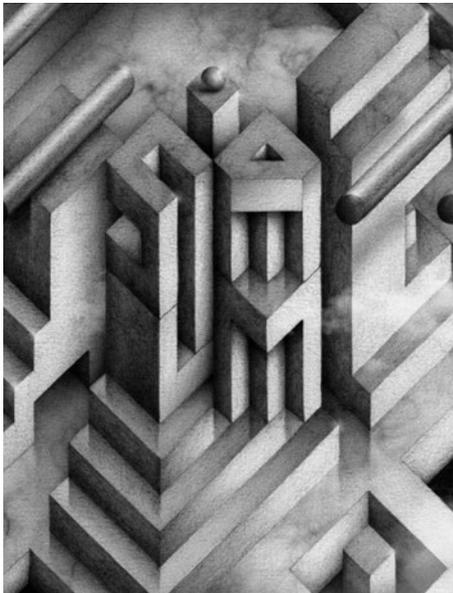
- Carpenter's Assistant
- Drafting Aide
- Cost Estimator
- Welder
- Cable Installer
- Elevator Repair and Installer
- HVAC Mechanic

2+ Year Post-Secondary Education

- Electronic Technician
- Drafting Technician
- Electrician Surveyor
- Plumber
- Carpenter
- Mason
- Construction Supervisor
- Surveyor

4-Year+ Degree

- Electrical Engineer
- Civil Engineer
- Architect
- Construction Manager
- Landscape Architect



## Student Resources

**SkillsUSA**  
[www.skillsusa.org](http://www.skillsusa.org)

## Pathfinders

PATHFINDER	AFFILIATION
Bessy Roberts	McCarty Architects

## Mississippi Industry Outlook

Occupation	Education Required	Annual Salary
Drafter/Designer	Associate's or Bachelor's Degree	\$15,000 - \$45,000
Brick Mason	On-The-Job Training/ Post-Secondary Education	\$37,000 - \$52,000
Interior Designer	Bachelor's Degree	\$20,000 - \$60,000
Architect	Bachelor's Degree	\$70,000 - \$200,000

Bureau of Labor Statistics Information, [www.bls.gov](http://www.bls.gov)

**H**ouses, apartments, factories, roads and bridges are some products of architecture and construction. This industry's activities include designing and building structures, including site preparation, as well as adding and modifying existing ones. The industry includes landscaping, maintenance, repair and improvements of structures. To offset rising energy costs, some companies opt for new buildings or energy efficient renovations. "Green construction" is increasingly popular and involves making buildings as environmentally friendly as possible by using recyclable and

earth-friendly products. Construction offers career opportunities for people with different talents and educational backgrounds. Career opportunities include managers, clerical workers, accountants, engineers, truck drivers, trades workers and construction helpers. This pathway prepares students for careers in designing, planning, managing, building and maintaining built environments. People employed in architecture and construction work on new structures, restorations, additions, alterations and repairs.



## Student Resources

**SkillsUSA**  
[www.skillsusa.org](http://www.skillsusa.org)

## Pathfinders

PATHFINDER AFFILIATION

Nicole Calvert WTVA

## Career Options

High School  
Diploma  
& Training

- Composer
- Dancer
- Singer
- Jeweler
- Media Aide
- Illustrator
- Actor
- Graphic Assistant
- Production Assistant
- Web Designer

2+ Year Post-  
Secondary  
Education

- Visual Effects Artist
- Cosmotologist
- Radio Announcer
- Videographer
- Art Restorer
- Copywriter
- Sound Editor
- Web Page Designer

4-Year+  
Degree

- Fashion Designer
- Animator
- Graphic Designer
- Creative Director
- Public Relations
- Music Director
- Multimedia Artist
- News Reporter
- Film/Video Editor
- Broadcast News Analyst
- Editor
- Curator

## Mississippi Industry Outlook

Occupation	Education Required	Annual Salary
Radio Announcer	Associate's Degree	\$17,450 - \$75,850
Graphic Designer	Bachelor's Degree	\$26,000 - \$79,000
Cosmotologist	On-The-Job Training/ Post-Secondary Education	\$17,010 - \$44,220
Performing Arts Director	Bachelor's Degree	\$24,000 - \$64,000

Bureau of Labor Statistics Information, [www.bls.gov](http://www.bls.gov)

Information, communication, technology and rapid change are leading forces in the 21st century. These fields combine artistic expression and individual style with in-depth understanding of today's state-of-the-art technologies. Strong communication and presentation skills make these career choices rewarding and profitable. Flexibility and innovation are commodities of the times. In today's creative economy, the arts provide training and service for a workforce driven by innovation and communication. This career

pathway focuses on courses of study that develop collaborative skills, creative thinking and an appreciation for diversity. The creative sector includes activities of nonprofit cultural organizations, commercial enterprises and professionals engaged in the applied arts. This career pathway covers art, communication and design avenues, including the performing arts, fine art, design industries, the film and movie industry, broadcast journalism, corporate communications, social media and public relations.

# Arts, Audio / Visual Technology, and Communications

## Annea Scales New Albany High School

**Annea Scales** was a 2021 graduate of New Albany High School. In the spring of 2020, Annea was scheduled to intern with Matt Laubhan through the IMPACTO program (pic attached), but due to the nationwide Covid shutdown she was not able to complete her full meteorology internship. She did get to spend the afternoon with Mr. Laubhan, who shared with us that an internship in law was just what he needed to determine a change of direction in his career. Annea is now entering her junior year at Mississippi State University where she is a Presidential Scholarship recipient majoring in meteorology. She plans to be a meteorologist.



- 2020 – IMPACTO Intern / Shadow Matt Laubhan
- 2021 Graduate of NAHS
- 2021-2022 - Attends MSU majoring in meteorology
- Presidential Scholarship recipient

# Arts, Audio / Visual Technology, & Communications

## Gray Shettles

### Tupelo High School



**Gray Shettles**, a Tupelo High School student, started an unexpected apprenticeship due to the COVID-19 pandemic as he began working alongside a sound technician at his church to provide streaming services during the shutdown. During the following fall of his senior year he asked his career coach for help finding a job in the field of audio engineering. MS Super Talk Radio offered him Friday night jobs running the sound board for a local football radio show. At the end of football season, once again, Gray asked his career coach to help him find a full time job in January after his early December graduation. A job was offered with American Family Radio handling their noontime program. Gray was taught and trusted to manage the program and upload

it for streaming onto the company website. He was even given an office of his own. Gray will attend Delta State University in the fall in their DMI (Delta Music Institute) studying audio engineering and entrepreneurship in the music industry. Gray and his career coach have made contacts for a possible radio job as he enters DSU in the fall.

- 2020 - Apprenticeship as sound technician at his church
- Fall 2021 - MS Super Talk Radio Friday night job running sound board for local football radio
- January 2022 - American Family Radio employment
- Fall 2022 - Delta State University for the Delta Music Institute studying audio engineering and entrepreneurship in the music industry

## Career Options

High School Diploma & Training

- Data Entry Clerk
- Cashier
- Entrepreneur
- Executive Assistant
- Receptionist
- Human Resources Clerk

2+ Year Post-Secondary Education

- Bookkeeper
- Office Manager
- Records Manager
- Realtor
- Training Specialist
- Benefits Specialist
- Administrative Services Manager

4-Year+ Degree

- Chief Executive Officer
- Operations Manager
- Business Manager
- Human Resources Manager
- Recruiter



## Student Resources

**Future Business Leaders  
of America**  
[www.fbla-pbl.org](http://www.fbla-pbl.org)

## Pathfinders

PATHFINDER	AFFILIATION
Molly Lovorn	Community Development Foundation (CDF)

## Mississippi Industry Outlook

Occupation	Education Required	Annual Salary
Cashier	High School Diploma	\$16,420 - \$27,710
Administrative Assistant	On-The-Job Training/ Post-Secondary Education	\$37,800 - \$52,000
Human Resources Specialist	Bachelor's Degree	\$33,240 - \$96,470
Chief Executive Officer	Master's Degree	\$75,030 - \$171,610

Bureau of Labor Statistics Information, [www.bls.gov](http://www.bls.gov)

**W**orkers with the skill sets necessary for efficient business management and administration operations fuel U.S. enterprises. Rewarding careers in this area of study can lead to a myriad of different companies and markets. Business management and administration professionals plan, direct, maintain and organize business operations for an organization. Business fundamentals serve as the foundation for all business pathways.

Courses in business provide instruction in basic business skills and knowledge related to economic fundamentals, management, communications, finance, human relations, career development, ethics and business etiquette. This pathway prepares students for careers in planning, organizing, directing and evaluating business functions essential to efficient and productive business operations.



## Student Resources

**Future Educators Association**  
[www.futureeducators.org](http://www.futureeducators.org)

**Family, Career and Community  
 Leaders of America**  
[www.fcclainc.org](http://www.fcclainc.org)

## Pathfinders

PATHFINDER AFFILIATION

Dr. Devon Brenner Mississippi State University

## Mississippi Industry Outlook

Occupation	Education Required	Annual Salary
Teacher	Bachelor's Degree	\$19,350 - \$84,340
Web Developers	Associate's Degree	\$67,990
Training & Development Specialist	Bachelor's Degree	\$31,910 - \$93,470
Occupational Therapist	Master's Degree	\$83,200

Bureau of Labor Statistics Information, [www.bls.gov](http://www.bls.gov)

## Career Options

High School  
 Diploma  
 & Training

- Teacher's Aide
- Substitute Teacher

2+ Year Post-  
 Secondary  
 Education

- Substitute Teacher
- Teacher's Assistant

4-Year+  
 Degree

- Principal
- Teacher
- Coach
- Librarian
- Audiologist
- Administrator
- Speech Language Pathologist
- Training & Development Specialist

A vital part of everyone's life, education is the future of our economy. The amount and type of education that individuals receive is a major influence on both the jobs they are able to hold and their earnings. Lifelong learning is important in acquiring new knowledge and upgrading one's skills, particularly in this age of rapid technological and economic change. This pathway focuses on preparing students for work in a variety of institutions that offer academic education, career and technical instruction, and other education and training to millions of students each year. This industry also includes institutions that provide training, consulting and other support services to schools and students, such as curriculum development, student exchanges and tutoring. Also included are schools or programs that offer nonacademic or self-enrichment classes, including automobile driving and cooking instruction, among others.

# Education & Training

## Olivia Collins

Pontotoc High School

**Olivia Collins** took part in the Virtual Imagine the Possibilities Career Expo in Mr. Adam Gentry's College and Career Readiness Class as an 11th grader at Pontotoc High School. She revisited her YouScience results with the career coach and her aptitude results showed that some of her best fit careers involved working with children. Olivia completed the Teacher Academy Program at the Pontotoc Ridge Career and Technology Center, where she took part in clinical activities in local schools. Olivia has also received experience by working at Circle of Friends Preschool and Daycare.

She is pursuing the field of Elementary Education in Fall 2022 at ICC.



- Virtual ITP Career Expo participation
- YouScience results working with children
- Teacher Academy Program completion at Pontotoc Ridge Career and Technology Center coupled with clinical activities at area schools
- Circle of Friends Preschool and Daycare work experience
- Fall 2022 – Attend Itawamba Community College pursuing a degree in elementary education



## Career Options

### High School Diploma & Training

- Surveyor
- Engineering Technician
- Map Technician

### 2+ Year Post-Secondary Education

- Mechanic
- Electro-Mechanical Technician
- Drafter
- Chemical Technician

### 4-Year+ Degree

- Technical Writer
- Industrial Engineer
- Polymer Scientist
- Chemist
- Computer Systems Analyst
- Civil Engineer
- Engineering Manager
- Nuclear Engineer

Almost everything you see was designed by engineers or designers before being constructed. High-rise buildings, bridges and spaceships require the expertise of architects, engineers and designers. If you are interested in being part of something like designing a condo on the beach, or designing a ship, airplane or electronic device, consider a career in engineering or design. Polymer scientists can find themselves working on an array of products and industries from agriculture to fossil fuels to cosmetics and kitchen technology.

## Student Resources

**Technology Student Association**  
[www.tsaweb.org](http://www.tsaweb.org)

## Pathfinders

PATHFINDER	AFFILIATION
Gina Black	Community Development Foundation (CDF)

## Mississippi Industry Outlook

Occupation	Education Required	Annual Salary
Civil Engineer	Bachelor's Degree	\$51,810 - \$126,190
Chemical Technician	Associate's Degree	\$26,220 - \$70,710
Polymer Science	Bachelor's Degree	\$41,080 - \$120,600
Computer Systems Analyst	Bachelor's Degree	\$49,950 - \$122,090
Engineering Manager	Graduate Degree Preferred	\$75,350 - \$144,520

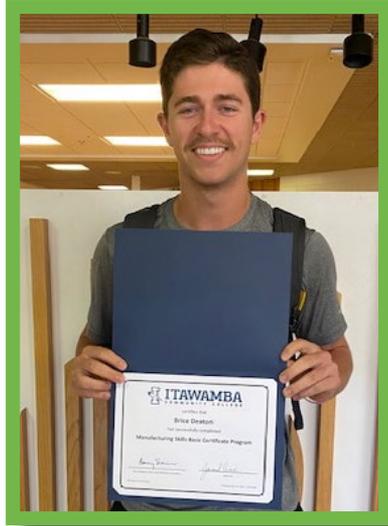
Bureau of Labor Statistics Information, [www.bls.gov](http://www.bls.gov)

# Engineering

## Brice Deaton

### Pontotoc High School

The Virtual Imagine the Possibilities Career Expo was a part of Mr. Adam Gentry's College and Career Readiness Class when **Brice Deaton** was a junior at Pontotoc High School. Brice had the opportunity to learn about the engineering, transportation, and advanced manufacturing fields, through the Virtual ITP Career Expo and experiences with his career coach. After learning about his options and reviewing his YouScience results, Brice decided an internship at Toyota Mississippi would be the perfect fit to gain experience in his chosen career field of automotive engineering. Brice applied and was accepted to the Fall 2021 Toyota Creating Your Future Internship Program. During his time in the program, Brice earned his OSHA certification, CPR certification and Manufacturing Skills Basic Certification through Itawamba Community College, while visiting all parts of Toyota Mississippi and learning about their processes for production. Brice is now a Freshman at Jones Community College, where he is showing off his baseball skills on the field and is taking the career skills and experiences he learned at Toyota Mississippi into the classroom.



- Virtual Imagine the Possibilities Career Expo usage to learn about engineering, transportation, and advanced manufacturing
- Fall 2021 Toyota Creating Your Future Internship Program - OSHA certification, CPR Certification and Manufacturing Skills Basic Certification through ICC
- Graduate of PHS in May 2022
- Freshman at Jones Community College pursuing the field of automotive engineering

Each day of our lives is centered on energy. Without energy, your morning would be very different—no alarm clock, hot water, hairdryer, stove, air conditioning, television or car. All of these appliances and devices depend on natural gas, electricity or oil. Challenges lie ahead about how we provide energy reliably in a growing world while minimizing negative impacts on the environment.



## Mississippi Industry Outlook

Occupation	Education Required	Annual Salary
Engineering	Bachelor's Degree	\$52,000 - \$105,000
Line Maintenance	OJT/Two-Year Degree Preferred	\$33,000 - \$80,000
Fabrication Mechanic	OJT/Two-Year Degree Preferred	\$45,760 - \$83,200
Nuclear Plant Operations	OJT/Two-Year Degree Preferred	\$30,000 - \$75,000

Bureau of Labor Statistics Information, [www.bls.gov](http://www.bls.gov)

### Student Resources

**Get on the Grid Mississippi**  
[www.getonthegridms.com](http://www.getonthegridms.com)

**SkillsUSA**  
[www.skillsusa.org](http://www.skillsusa.org)

### Pathfinders

PATHFINDER	AFFILIATION
Jennifer Johnson	Pontotoc Electric Power Association

### Career Options

High School Diploma & Training

- Maintenance & Repair
- Line Maintenance
- Fabrication Mechanic
- Nuclear Plant Operations
- Plant Operations
- Instrument & Electrical Technician
- Machinists Mechanic

4-Year+ Degree

- Engineering



## Mississippi Industry Outlook

Occupation	Education Required	Annual Salary
Customer Service Rep	High School Diploma	\$32,300
Financial Advisor	Bachelor's Degree	\$32,280 - \$187,200
Administrative Support	On-The-Job Training/ Post-Secondary Education	\$21,610 - \$54,310
Accountant	Bachelor's Degree	\$39,930 - \$111,510

Bureau of Labor Statistics Information, [www.bls.gov](http://www.bls.gov)

## Career Options

### High School Diploma & Training

- Customer Service Representative
- Teller
- Claims Adjuster
- Insurance Appraiser
- Account Collector

### 2+ Year Post-Secondary Education

- Bookkeeping Clerk
- Tax Preparer
- Credit/Debt Counselor
- Claims Agent
- Loan Processor

### 4-Year+ Degree

- Accountant
- Financial Advisor
- Bank Manager
- Actuary
- Auditor
- Insurance Agent

The finance industry deals with the management, investment, transfer and lending of money. Every company utilizes money, and the finance area is responsible for the handling of those funds. The industry itself is very large, encompassing everything from small, local businesses and banks to the multinational corporations and investment banks regularly featured in news headlines. The finance career pathway prepares students for careers in financial and investment planning, banking, insurance and business financial management. There are several fields of study in this pathway, including corporate finance, financial planning, investment banking, insurance and real estate.

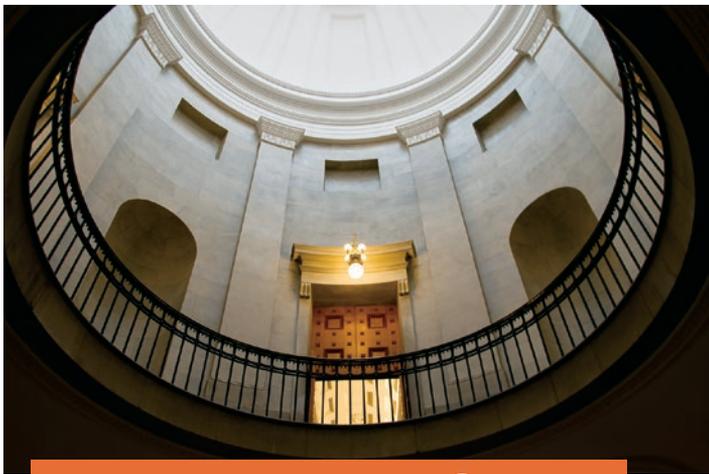
## Pathfinders

### PATHFINDER AFFILIATION

Kristi Hillhouse BancorpSouth

Charlotte Pratt BancorpSouth

## Student Resources



## Mississippi Industry Outlook

Occupation	Education Required	Annual Salary
City Planner	Bachelor's Degree	\$41,490 - \$97,630
State Auditor	Bachelor's Degree	\$38,817 - \$74,852
State Forester	Bachelor's Degree	\$39,285 - \$81,114
County Tax Collector	Master's Degree	\$30,350 - \$92,740

Bureau of Labor Statistics Information, [www.bls.gov](http://www.bls.gov)

## Career Options

High School Diploma & Training	<ul style="list-style-type: none"> <li>• Postmaster</li> <li>• Census Clerk</li> <li>• County Roads Laborer</li> <li>• Compliance Officer</li> </ul>
2+ Year Post-Secondary Education	<ul style="list-style-type: none"> <li>• City Code Enforcement Officer</li> <li>• Quality Control Inspector</li> <li>• County Senior Resources Aide</li> <li>• Nuclear Quality Control Inspector</li> </ul>
4-Year+ Degree	<ul style="list-style-type: none"> <li>• City Parks and Recreation Director</li> <li>• State Forester</li> <li>• County Tax Collector</li> <li>• City Planner</li> <li>• State Auditor</li> <li>• State Emergency Specialist</li> <li>• Lobbyist</li> </ul>

The field of government and public administration provides ample opportunity to help one's fellow citizens. These jobs are vital to ensure and enable governmental services reach the American people. Many of these positions facilitate assistance activities that are critical to the function of American society. Employees in government or public administration careers work to keep our society running and functioning in ways that are nearly invisible to most people. For instance, some of these tasks include safeguarding national borders and supporting diplomatic missions, as well as planning urban developments, administering public programs and analyzing tax policies. This pathway includes careers in governance; national security; foreign service; planning; revenue and taxation; regulation; and management and administration at the local, state, and federal levels.

## Pathfinders

PATHFINDER	AFFILIATION
Ronnie Bell	Three Rivers Planning & Development District
Bill Renick	Three Rivers Planning & Development District

## Student Resources



## Career Options

### High School Diploma & Training

- Maintenance Technician
- Spa Services Technician
- Concierge
- Translator
- Cook
- Banquet Server
- Groundskeeper
- Gaming Supervisor
- Hunting Guide

### 2+ Year Post-Secondary Education

- Executive Housekeeper
- Front Desk/Sales Manager
- Lead Banquet Server Captain
- Sous Chef
- Ticketing Agent

### 4-Year+ Degree

- Director of Hotel
- Executive Chef
- General Manager
- Meeting & Convention Planner
- Asst. Superintendent
- Golf Course
- Golf Course General Manager

## Mississippi Industry Outlook

Occupation	Education Required	Annual Salary
Director of Hotel	Bachelor's Degree	\$50,000 - \$100,000
Front Desk/Sales Manager	Associate's Degree	\$32,000 - \$60,000
Executive Housekeeper	Associate's Degree	\$35,000 - \$50,000
Spa Services Technician	Training	\$20,000 - \$50,000

Bureau of Labor Statistics Information, [www.bls.gov](http://www.bls.gov)

As long as people have free time, they will pursue leisure activities. As leisure time and personal incomes grow across the nation, so will the hospitality industry. Leisure activities include theatrical activities, such as attending a cinema for a movie; going to a community theater for a play; enjoying gaming entertainment offered by casinos; or taking part in sporting activities, such as kayaking, tennis or surfing. Food services, restaurants and cocktail establishments are a widespread and familiar category within this industry. People travel for a

variety of reasons, including vacations, business and visits to friends and relatives. Many travelers stay in hotels and seek accommodations while out of town. Resort and casino hotels offer activities to keep travelers and families occupied during their stay. This industry includes physical fitness facilities that feature exercise programs, gyms, health clubs and spas. This pathway introduces students to management, marketing and operation of restaurants, as well as lodging establishments and tourist attractions.

## Student Resources

SkillsUSA • [www.skillsusa.org](http://www.skillsusa.org)  
 Family, Career & Community  
 Leaders of America • [www.fcclainc.org](http://www.fcclainc.org)

## Pathfinders

PATHFINDER	AFFILIATION
Kinney Ferris	Visit Oxford



## Mississippi Industry Outlook

Occupation	Education Required	Annual Salary
Registered Nurse	Associate's Degree	\$45,040- \$94,720
Medical Coder Specialist	High School Diploma/ Post-Secondary Education	\$22,250 - \$56,200
Physician	First Professional Degree	\$120,640+
Pharmacist	Doctorate	\$89,280 - \$145,910

Bureau of Labor Statistics Information, [www.bls.gov](http://www.bls.gov)

**H**ealthcare is the fastest growing industry in the U.S. Technological advances have made new procedures and methods of diagnosis and treatment possible. Clinical developments, like infection control, less invasive surgical techniques, advances in reproductive technology, and gene therapy for cancer treatment, increase longevity and improve the quality of life for many people. Advances in information technology improve patient care and worker efficiency. Information on vital signs and orders for tests are transferred electronically, eliminating the need for paper and reducing record keeping errors. Healthcare students prepare for careers promoting health and wellness and diagnosing and treating injuries and diseases. Some careers involve working with people, and others involve researching disease or collecting and formatting data and information. Settings include hospitals, medical offices, laboratories, communities, sports arenas or cruise ships.

## Pathfinders

PATHFINDER	AFFILIATION
Rosalyn Campbell	North Mississippi Medical Center
Tina Snyder	Baptist Memorial Hospital

## Career Options

### High School Diploma & Training

- Nurse Assistant
- Mortuary Assistant
- Massage Therapist
- Home Health Aide
- Medical Coder Specialist
- Emergency Medical Technical
- Phlebotomist
- Admitting Clerk

### 2+ Year Post-Secondary Education

- Respiratory Therapist
- X-Ray Technician
- Paramedic
- Medical Lab Tech
- Registered Nurse
- Sonographer
- Funeral Director
- Dental Hygienist

### 4-Year+ Degree

- Dentist
- Chiropractor
- Nutritionist
- Physical Therapist
- Pharmacist
- Physician

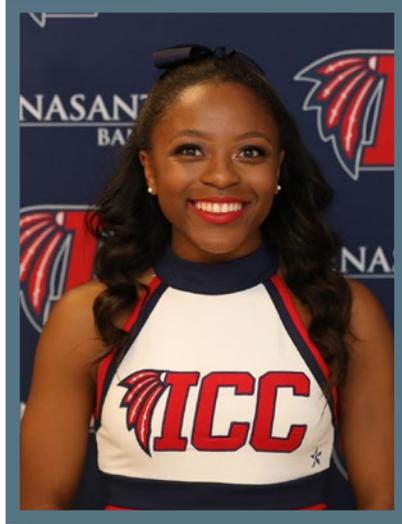
## Student Resources

# Health Sciences

## Jodi Parks

### New Albany High School

**Jodi Parks**, a graduate of New Albany High School, completed an IMPACTO internship with Internal Medicine and Pediatric Clinic of New Albany during her junior year. She then continued her work in the health sciences pathway by pursuing the North Mississippi Medical Center Mentorship Academy her senior year, where she earned her CNA license from Itawamba Community College (ICC) Belden. Jodi then enrolled at ICC where she became an Indian Delegate Ambassador and has just completed her freshmen year at ICC and will enroll in the nursing program in the Fall.



- IMPACTO Intern 2020 with Internal Medicine and Pediatric Clinic of New Albany
- North MS Medical Center Mentorship Academy 2021
- NAHS Graduate 2021
- 2021-2022 – ICC Indian Delegate Ambassador enrolling in nursing in fall 2022

# Health Sciences

## Garrett Braun

### Tupelo High School



**Garrett Braun**, a graduate of Tupelo High School, used his YouScience results and the support of his career coach to determine that Physical Therapy was a good fit career pathway for him. He received an internship as a senior “tech” with Rebound Physical Therapy Clinic during his senior year of high school. Mary Beth Smallwood brought him on board and gave him the opportunity to practice his skills as well as time to be taught more about the profession. He was a valued member of the team and continued to work at Rebound Physical Therapy Clinic full time in the summer of 2022 before leaving for Mississippi State University. In the meantime, Garrett has shadowed several other local physical therapy clinics to get a perspective of different services.

Together with his career coach, he had a phone “shadow” with a THS grad who now works as a Physical Therapist with children in a Starkville clinic, and he hopes this could turn into an employment opportunity in Starkville.

- YouScience Physical Therapy results
- Internship as a senior “tech” with Rebound Physical Therapy
- Shadowed local physical therapy clinics and connected virtually with a clinic in Starkville
- Fall 2022 – Attend MSU with a focus on physical therapy



## Mississippi Industry Outlook

Occupation	Education Required	Annual Salary
Customer Service Representative	High School Diploma	\$19,500 - \$49,920
Retail Sales Manager	On-The-Job Training/ Post-Secondary Education	\$28,000 - \$62,000
Advertising Manager	Bachelor's Degree	\$43,270 - \$187,200

Bureau of Labor Statistics Information, [www.bls.gov](http://www.bls.gov)

Advertisements in the newspaper, TV commercials, jingles on the radio, grocery store posters, bumper stickers, e-mail ads and Web sites are created as part of marketing campaigns to entice consumers to buy products. Marketing is the link between an organization and its target audience, which includes customers, clients, investors and partners. Marketers create, manage, enhance and sell products and services so that they reflect well on the company's brand. A key part of a marketer's job is to understand the needs, preferences and constraints that define the targeted consumers corresponding to the brand. This career pathway is a good fit for people who are creative or number-minded statisticians with the ability to communicate persuasively, to "think on their feet," to use tact, to employ good judgment and to establish and maintain effective relationships with people at all levels within and outside the company.

## Career Options

### High School Diploma & Training

- Telemarketer
- Customer Service Representative
- Order Clerk
- Product Demonstrator

### 2+ Year Post-Secondary Education

- Retail Sales Manager
- Sales Agent

### 4-Year+ Degree

- Event Planner
- Media Coordinator
- Marketing Consultant
- Media Buyer
- Advertising Manager
- Market Research Analyst

## Pathfinders

PATHFINDER	AFFILIATION
Sarah Iser	Mabus Agency

## Student Resources

**DECA**  
[www.deca.org](http://www.deca.org)



## Mississippi Industry Outlook

Occupation	Education Required	Annual Salary
Computer Support Specialist	Associate's Degree	\$34,930 - \$96,850
Network Administrator	Bachelor's Degree	\$44,330 - \$115,180
Software Developer	Bachelor's Degree	\$55,190 - \$138,880
Information System Manager	Bachelor's Degree	\$74,940 - \$187,200
Web Developer	Associate's Degree	\$33,550 - \$105,200

Bureau of Labor Statistics Information, [www.bls.gov](http://www.bls.gov)

Information technology (IT) careers are available in every sector of the economy. IT manages the information and applications that office workers rely on to do their jobs. Careers in IT involve the design, development, support and management of hardware, software, multimedia and systems-integration services. The IT industry is a dynamic and entrepreneurial field continuing to have a revolutionary impact on the U.S. and world economies. IT specialists create products and set up and maintain systems. IT professionals focus on improving the usability and efficiency of technological systems and processes. Students in this pathway gain the basic foundation, skills and knowledge for computer networking, applications and support, along with an introduction to programming. Students develop skills to prepare for certification exams and learn to develop, support and integrate computing systems, and acquire network planning and management skills and the ability to provide technical support.

## Pathfinders

PATHFINDER	AFFILIATION
Jesse Bandré	EXCEED Technologies
Ken Dale	EXCEED Technologies

## Career Options

### High School Diploma & Training

- Cable Installer
- Personal Computer Technician
- Repair Assistant

### 2+ Year Post-Secondary Education

- Audio-Visual Installer
- Web Developer
- Programmer
- Computer Support Specialist
- Network Technician

### 4-Year+ Degree

- Information Systems Manager
- Systems Engineer
- Web Designer
- Network Administrator
- Software Developer
- Network Analyst

## Student Resources

**Technology Student Association**  
[www.tsaweb.org](http://www.tsaweb.org)

# Information Technology

## John Magregor Davis

### New Albany High School

**John Magregor Davis**, a graduate of New Albany High School, interned with Hyperion Technology in the pilot year of IMPACTO in 2019 where he helped to design and field test military drones used in warfare alongside the engineers at Hyperion. He also attended the Get on the Grid press conference in 2019 where he met our two US Senators and spoke to his experience in the program. John credits his internship to helping him determine his career and degree path. He earned drone certifications following the internship and is in his junior year at Mississippi State University majoring in aerospace engineering.



- IMPACTO Intern 2019 with Hyperion Technology - Drone certifications
- Attends Mississippi State University majoring in Aerospace Engineering

# Information Technology

## Dylan Shipton & Jacen Barefoot

### Pontotoc High School



*Jacen Left and Dylan Right*

**Jacen Barefoot & Dylan Shipton** learned about Base Camp Coding Academy, as seniors, when they took part in a SkillPath 2030 Career Development Class at Pontotoc High School. Their teacher, Annie McGregor, created a research final for the class using the content in the Virtual Imagine the Possibilities Career Expo platform. After doing their research, Dylan and Jacen decided to interview with Base Camp Coding Academy with the help of their career coach. They also decided to take part in a dual enrollment opportunity by taking an IT class at NEMCC through

funding from the Toyota Wellspring Education Fund, during their senior year at PHS. Ultimately the two were accepted into Base Camp Coding Academy in Water Valley and both went on to graduate from Base Camp in May 2022. Immediately following graduation, Jacen and Dylan received employment with C-Spire. Additionally, they have returned to PHS as guest speakers to mentor younger students and encourage them to also become software developers.

- ItP Career Expo research project
- Dual Enrollment Classes
- Base Camp Coding Academy
- Employment at C-Spire

## Career Options

### High School Diploma & Training

- Fitness Trainer
- Childcare

### 2+ Year Post-Secondary Education

- Preschool Teacher
- Research Aide

### 4-Year+ Degree

- Social Worker
- Counselor
- Clergy
- Clinical Psychologist
- Family Therapist
- Community Service Manager
- Probation Officer



## Mississippi Industry Outlook

Occupation	Education Required	Annual Salary
Fitness Trainer	On-The-Job Training/ Post-Secondary Education	\$17,630- \$66,530
Clergy	Master's Degree	\$22,440 - \$76,660
Social Worker	Bachelor's Degree	\$27,450 - \$72,980
Clinical Psychologist	Doctorate	\$39,020 - \$112,380

Bureau of Labor Statistics Information, [www.bls.gov](http://www.bls.gov)

The human services field relates to family and human needs. The work environment could vary from public schools to private child-care centers to personal households. At times, people need assistance to live full and productive lives. People need assistance finding a job, locating safe and adequate housing or getting nutritious food for their families. Human Services help individuals and families become healthy and productive members of society. Assistance establishments provide services

that include helping the homeless, counseling troubled individuals, training the unemployed and helping families obtain aid. Individuals in this industry work to improve the lives of the people they serve and to enrich communities. The services provided vary greatly, depending on the local population and its needs. This pathway prepares students for careers in social service agencies, community and civic organizations, child care and charities.

## Pathfinders

PATHFINDER	AFFILIATION
Helen Boerner	Family Resource Center

## Student Resources

Family, Career &  
Community Leaders of  
America  
[www.fcclainc.org](http://www.fcclainc.org)

## Career Options

### High School Diploma & Training

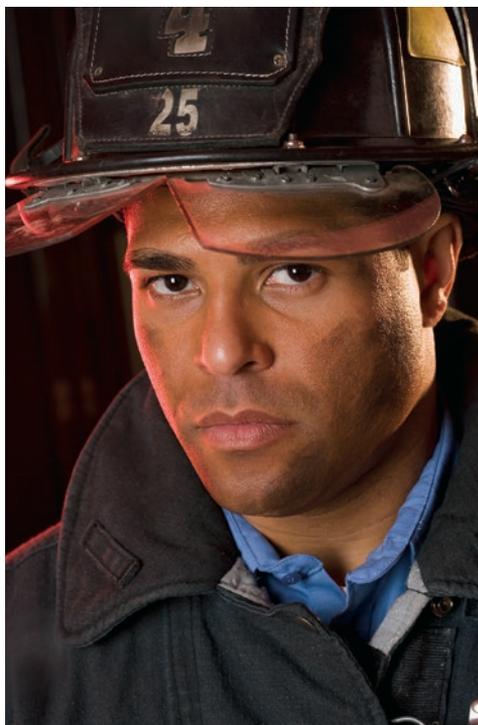
- Security Guard
- Emergency Management Specialist
- Jailer
- Animal Control Worker
- Firefighter
- Fire Inspector
- Police Officer
- Dispatcher
- Bailiff
- Lifeguard
- Sheriff

### 2+ Year Post-Secondary Education

- Court Reporter
- Paralegal
- Parole Officer
- Immigration & Customs Inspector
- Mediator

### 4-Year+ Degree

- Crime Scene Technician
- Attorney
- Judge
- Park Ranger
- FBI Agent
- Loss Prevention Manager



## Mississippi Industry Outlook

Occupation	Education Required	Annual Salary
Police Officer	High School Diploma & Training	\$29,000 - \$110,000
Firefighter	High School Diploma	\$29,000 - \$45,000
FBI Agent	Bachelor's Degree	\$50,000 - \$140,000
Attorney	First Professional Degree	\$39,000 - \$110,000

Bureau of Labor Statistics Information, [www.bls.gov](http://www.bls.gov)

The fields of law, public safety, corrections and security involve planning, managing, and providing legal, public safety, protective, and homeland security services and also include the professional and technical-support assistance of personnel within these fields. Careers in this field involve serving and/or protecting our citizens. Law, public safety,

corrections and security workers are found in a variety of settings. This pathway prepares students for careers in such areas as criminology, legal studies, forensics and psychology.

## Pathfinders

PATHFINDER	AFFILIATION
SSgt Justin Gonzalez	Columbus Air Force Base

## Student Resources

**Family, Career & Community Leaders of America**  
[www.fcclainc.org](http://www.fcclainc.org)

**SkillsUSA**  
[www.skillsusa.org](http://www.skillsusa.org)

# Law and Public Safety

## Wesley Gillentine

### Mooreville High School

**Wesley Gillentine**, a graduate of Mooreville High School, is extremely passionate about his chosen career opportunity to serve as a firefighter. He started in this pathway as a volunteer firefighter in January 2017 and worked to enhance his ability by receiving his EMR certification in April 2017. Wesley's work shows great initiative as most rookie firefighters have to take this course after being hired. Wesley participated in a Smoke Diver Training observation prior to graduating from Mooreville High School in May 2020. He moved forward to participate in and graduate from the 7 week long 1001 Basic



FireFighter Certification Course in April 2021 and was immediately hired by the Tupelo Fire Department. He passed the Hazardous Materials Awareness and Operations course in September 2021. He began his Relief Driver Operator training in May 2022, and he plans to attend the Smoke Diver Course in the near future, which is the most difficult course at the Academy from a physical and mental perspective.

- January 2017 - Volunteer FireFighter
- April 2017 - EMR Certificate
- January 2020 - Smoke Diver Training Observation
- May 2020 - Mooreville High School Graduate
- April 14, 2021 - 1001 Basic Fire Fighter Course Certification
- April 21, 2021 - Tupelo Fire Department Hire
- September 2021 - Hazardous Materials Awareness and Operations pass
- May 5, 2022 - Began Relief Driver Operator Training



## Career Options

### High School Diploma & Training

- Welder
- Painter
- Auto Body Tech
- Body Shop Manager
- Service Advisor
- Rigger
- Sheet Metal Worker
- Pipefitter
- Auto Salesperson

### 2+ Year Post-Secondary Education

- Precision Machinist
- Auto Mechanic
- Plant Supervisor
- Fabricator Mechanic

### 4-Year+ Degree

- Mechanical Engineer
- Chemical Engineer
- Production Engineer
- Electrical Engineer
- Quality Control Engineer

## Mississippi Industry Outlook

Occupation	Education Required	Annual Salary
Assemblers & Fabricators	High School Diploma or Equivalent	\$31,850
Electrical Engineer	Bachelor's Degree	\$56,490 - \$136,690
Mechanical Engineer	Bachelor's Degree	\$52,030 - \$121,530
Body Shop Manager	High School Diploma/OJT	\$55,000 - \$100,000
Auto Body Tech	High School Diploma/OJT	\$36,000 - \$80,000

Bureau of Labor Statistics Information, [www.bls.gov](http://www.bls.gov)

**M**anufacturing is one of the oldest industries in the technological world. Manufacturing industries are the chief wealth-producing sectors of an economy. Manufacturing employs a huge share of the labor force and produces materials required by

sectors of strategic importance, such as national infrastructure and defense. This pathway includes careers that manufacture products, maintain production facilities, and improve the production process.

## Pathfinders

PATHFINDER	AFFILIATION
Tony Willis	Toyota Motor Manufacturing Mississippi
Greg Giachelli	Community Development Foundation (CDF)

## Student Resources

**SkillsUSA**  
[www.skillsusa.org](http://www.skillsusa.org)

**Get on the Grid Mississippi**  
[www.getonthegridms.com](http://www.getonthegridms.com)

# Manufacturing

## Nathan Tzib

### Pontotoc High School

**Nathan Tzib**, a 2022 Pontotoc High School graduate, attended the Imagine the Possibilities (ITP) Career Expo in the 8th grade and had the opportunity to take part in the Virtual ITP Career Expo during high school. Based on his YouScience results and the support of Mr. Gary Dixon in the College and Career Readiness class as well as his career coach, Nathan enrolled in and completed the engineering program at Pontotoc Ridge Career and Technology Center. With knowledge and resume in hand, Nathan applied to the Toyota Creating Your Future (CYP) Internship program to help with next steps toward his future career goals. Nathan was accepted to Toyota CYF, completed an internship in Fall of 2021, earned his Manufacturing Skills Basic Certification from ICC, and received recognition at his internship graduation for his perfect attendance in the program. Nathan decided to take his skills and experience to the next level and apply to the Toyota Advanced Manufacturing Technician program at Itawamba Community College, where he was accepted to begin Toyota AMT in Fall 2022. He will be attending college while taking part in a paid apprenticeship under master manufacturing technicians at Toyota.



- 2017 - Imagine the Possibilities (ITP) Career Expo attendee in 8th grade
- 2020 - Virtual ITP Career Expo user
- 2020-2022 - Engineering program at Pontotoc Ridge Career and Technology Center
- Fall 2021 - Toyota Creating Your Future Internship Program; Manufacturing Skills Basic Certification through ICC
- May 2022 - Graduate of Pontotoc High School
- Fall 2022 - Toyota Advanced Manufacturing Technician program at ICC while participating in a paid apprenticeship under master manufacturing technicians at Toyota



## Mississippi Industry Outlook

Occupation	Education Required	Annual Salary
Airport Manager	Bachelor's Degree	\$40,000 - \$150,000
Civil Engineer	Bachelor's Degree	\$87,780 - \$110,000
Commercial Pilot	On-the-Job Training/ Post-Secondary Education	\$77,560 - \$120,000
Auto Paint Technician	High School Diploma/OJT	\$36,000 - \$80,000
Crane Operator	High School Diploma/OJT	\$29,000 - \$79,000

Bureau of Labor Statistics Information, [www.bls.gov](http://www.bls.gov)

## Career Options

### High School Diploma & Training

- Truck & Ship Loader
- Ship Captain
- Railroad Conductor
- Crane Operator
- Air Traffic Controller
- Service Attendant

### 2+ Year Post-Secondary Education

- Commercial Pilot
- Operations Technician
- Flight Attendant
- Mechanic

### 4-Year+ Degree

- Airport Manager/  
Director
- Ship Engineer

**T**ransportation, distribution, and logistics (TDL) relates to how goods are moved from one place to another. As far as goods and services are concerned, our world is flat. TDL takes care of how we get Mississippi farm-raised catfish to Europe and how the latest Paris styles arrive in the United States. TDL industries need motivated people with new ideas to ensure the U.S. transportation system continues to work efficiently. This pathway includes the planning, management, and movement of people, materials, and products by road, air, rail, and water. It also includes related professional and technical services, such as infrastructure planning and management, logistics, and maintenance of equipment and facilities.

## Student Resources

**SkillsUSA**  
[www.skillsusa.org](http://www.skillsusa.org)

# Transportation, Distribution & Logistics

## Brady Talley Alcorn Central High School

**Brady Talley**, a graduate of Alcorn Central High School, is interested in the logistics field. He was able to participate in a College and Career Readiness class discussion with CAT Remanufacturing, and he had the opportunity to shadow Steven McClellan of CAT Logistics. He continued to find ways to experience this field while shadowing Jeff Palmer at Provia in the spring of his senior year. Brady and his career coach met with Hago Automotive CEO Alfred Geiger and Supply Chain Manager Michael Bubose with the goal of working on a logistics internship for the summer of 2022. He will attend Northeast Mississippi Community College in the fall and major in Cyber Security based on NEMCC not currently having a logistics program. He intends to transfer to Mississippi State University in the fall of 2023 and major in logistics.



- Fall 2021 – CAT Remanufacturing discussion in CCR classes at Alcorn Central
- Fall 2021- CAT Logistics shadowing of Steven McClellan
- Spring 2022 – Provia shadowing of Jeff Palmer
- June 2022 – Meeting with Hago Automotive CEO Alfred Geiger and Supply Chain Manager Michael Bubose – Goal to work as logistics apprentice [Still in process]
- Fall 2022 – Attend Northeast Mississippi Community College with a major in CyberSecurity
- Fall 2023 – Transfer to MSU, major in logistics

# Thank you to our sponsors

## Founding Sponsors



**CREATE**  
NORTHEAST MISSISSIPPI'S  
COMMUNITY FOUNDATION

## Diamond Sponsors



**MISSISSIPPI STATE**  
UNIVERSITY



THE UNIVERSITY of  
**MISSISSIPPI**

**TOYOTA** | MS



**NORTH MISSISSIPPI**  
HEALTH SERVICES



**Ross & Yerger**  
KNOW THE POSSIBILITIES™

## Platinum Sponsors



**CATERPILLAR**®

## Gold Sponsors



**HARDY REED**



**CDF**

## Silver Sponsors



**JESCO, Inc.**  
Construction



**TUPELO/LEE COUNTY**  
COMMUNITY FOUNDATION  
AN AFFILIATE OF CREATE FOUNDATION

## Bronze Sponsors

B & B Concrete Company Inc.  
Baptist Memorial Hospital - Union County  
FMBank  
First Choice Bank

## Patron Sponsors

East Mississippi Community College  
University of Mississippi School of Education  
South Monroe Affiliate  
Pontotoc Electric Power Association  
West Point Community Foundation