



Mississippi Automotive Manufacturers Association (MAMA) Announces 2020-2021 Scholarship Winners

A total of fifteen scholarships were awarded for the Mississippi Automotive Manufacturers Association (MAMA) 2020-2021 academic year to community college and university students interested in pursuing a career in the automotive manufacturing industry. Since 2006, MAMA has supported the growth of a strong workforce essential to the health of all industries in the state by awarding more than \$250,000 in scholarships to technical and engineering-related majors, as well as non-traditional majors, that can be applied in the automotive industry. Among the successful 2020-2021 MAMA Scholarship candidates were:

Community College Winners

Zachary Pitts is a sophomore at East Mississippi Community College majoring in Automotive Technology. Zachary ranked in 1st place in 2019 SkillsUSA MS State, 2019 Region II MS Conference, and 2018 Toyota Express Maintenance competitions. He was also recognized as Student of the Year in Automotive Service II in 2018-2019. Zachary worked as a Mechanic for Cannon Motors and is interested in pursuing a career in Vehicle Maintenance and Repair.

Benjamin Rose, a sophomore at Itawamba Community College is studying Industrial Maintenance Technology. He has worked as an AMT Intern at Toyota, Blue Springs since August of 2019 and his range of skills include PLC troubleshooting, programming; motor controls, alignment, and schematics; electrical systems; and preventive maintenance. Benjamin's career interest in the automotive industry lie in Advanced Manufacturing Technology, Maintenance, and Engineering.

Seth Sykes is a sophomore currently enrolled at Holmes Community College and working towards an AAS in Industrial and Architecture Engineering Technology. Seth possesses skills in welding, CAD, and blueprint reading, and is interested in Engineering Technology.

University Student Winners

Alex Caldwell, a junior Industrial & Systems Engineering major at Mississippi State University, is a student representative, holds a Lean Six Sigma Yellow Belt certificate and is a President's List scholar. Alex speaks fluent Spanish and previously worked as a translator/interpreter at BC Consulting. He has also served in the

Chevron Mentorship Program, as a Community Relations Officer for Engineers Without Borders Student Chapter, and as a mentor for the FIRST Robotics team. Alex is interested in a career in Project Management using Lean Manufacturing principles and the application of Six Sigma tools.

Dorian Copeland is a senior Mechanical Engineering major at Mississippi State University. His skills include root-cause analysis, Project Planning, and workflow development. Serving as both a Senator and a Recruitment Leader for the MSU Bagley College of Engineering, he received three complementary manufacturing Internships, and has worked on projects for Georgia Pacific and Milwaukee Tool. Dorian's career interests lie in Lean Manufacturing, electric autonomous vehicles, and additive manufacturing.

Clay Cummings, a senior at Mississippi State University in Industrial Technology with a 4.0 GPA, is a National Technical Honor Society member and certified in both Automotive and Diesel Technology and Electrical Technology. He worked as a Controls Technician for PACCAR Engine Company and is skilled in Siemens Step 7 and TIA, Fanuc Robotics, welding, pneumatics and hydraulics, CNC programming, and holds a Six Sigma Lean Belt. Clay plans to pursue a career that includes automated vision inspections, robotics in manufacturing, and PCL programming.

Ajaya Dahal holds an Associate Degree in Science and is currently enrolled as a junior at Mississippi State University in Computer Engineering. Ajaya worked on a Lane Tracking System for autonomous vehicles as an undergraduate research assistant for MSU's Center for Advanced Vehicular Systems (CAVS) and is skilled in robot operating systems (ROS), circuit design, and software development. He served as President of the ACM SIG robotics group, a State Space Robotics team member, and VP of Records for the Phi Theta Kappa Honor Society. Ajaya is interested in a career related to autonomous vehicles, state-of-the-art artificial intelligence methods to control self-driving cars, and in robotics and automation in automotive parts manufacturing.

Otoniel Duran is a junior at the University of Southern Mississippi majoring in Polymer Science and Engineering. He earned an Associate of Arts Degree in Engineering at Jones College, where he was a Charles Pickering Honors Institute student. Otoniel previously worked as an online Spanish Interpreter for Global Effect Christian Ministries and his career interests lie in Polymer Science, 3D Printing, and automobile efficiency.

Millie Eubanks, a junior Mechanical Engineering major enrolled at the University of Mississippi, is a Center for Manufacturing Excellence Program team member. She has obtained skills in advanced manufacturing machining and participated in engineering co-op education with Toyota Motor Manufacturing. She was recognized as a Haley Barbour Center for Manufacturing Excellence Scholar & Ambassador, an Ole Miss Provost Scholar, and as an Ole Miss Women's Council for Philanthropy Scholar, Ambassador, and Mentor. Millie is interested in pursuing a career that engages Lean Manufacturing and supply chain management.

Haley Holland is a senior at Mississippi State University majoring in Mechanical Engineering. She obtained skills in SolidWorks, AutoCAD, C++ programming, Lock Out Tag Out, Preventative Maintenance and 5S workplaces. She also worked as a Reliability & Maintenance Engineer for Cooper Tire & Rubber and as a Co-Op Reliability Engineer for Garney Construction. Haley plans to pursue a career in Reliability and Maintenance Engineering that consists of automotive manufacturing process design and improvement.

Carly Huguley, a junior at the University of Mississippi, is majoring in Chemical Engineering. She has worked as a Parts Quality Engineering Intern for Nissan and was a Teaching Assistant of an Energy Balances course at Ole Miss. She has obtained skills as a Nissan V-up Problem Solver and in project management. Carly's career interests lie in automotive paint engineering, supplier engineering, and in stamping/tool and die processes.

Ryoma Thomas is a senior Mechanical Engineering major at the University of Mississippi and working towards a minor in Japanese. He has studied abroad at Nanzan University in Nagoya, Japan, and is a member of the Center for Manufacturing Excellence at Ole Miss. He has worked with William-Sonoma in Mississippi as a Supply Chain Intern and in North Carolina as a Quality Analysis Engineer. His skills include MATLAB, Creo Parametric, SolidWorks, and Continuous Flow and Layout. Ryoma's career plans include roles that incorporate Continuous Flow and Layout, Supply Chain management, Lean/Kaizen Process Improvements, and equipment design.

Arigaa Zolboot, a Chemical Engineering major at Mississippi State University, holds an Associate degree of Science from Mid Michigan College. She has worked at MSU in computational and experimental research and as a Teaching Assistant for Mass and Energy Balance. She has served as an AIChE International Student Ambassador, a Chem-E-Car team member, the Director of Service for a Climate Reality Project, and on the Chevron Engineering Transfer Program. With skills in problem solving, data analysis, Python, BASH, GROMACS, and VMD, Arigaa is interested in a career that encompasses renewable energy in biofuels, lignin depolymerization, fuel efficiency, and autonomous vehicles.

Joe Busch is a junior enrolled at the University of Mississippi and majoring in Management Information Systems. He is a Provost Scholar and is recognized for being named on the Chancellors Honor Role. Joe is a Marine Corps Option Midshipman in the University of Mississippi Naval Reserve Officer's Training Corps.

Javion Smith, a junior Aerospace Engineering major at Mississippi State University, is a member of The Space Cowboys at MSU, the National Society of Black Engineers, and the RASPEP Chapter of the American Institute of Aeronautics and Astronautics. He worked as a mechanical engineering Intern at Parker Hannifin where he learned machine operation efficiency, Value Stream Optimization, ergonomic improvements, and hazardous waste disposal processes. Javion is interested in pursuing a career in manufacturing production cell resources, Lean Manufacturing processes, and diesel filtration systems.

The Mississippi Automotive Manufacturers Association serves its members by promoting growth, development, and improvement in the automotive industry in Mississippi, as well as serving as a forum for interaction among automotive manufacturing companies in the state. In extending his congratulations, Lex Lemmers, MAMA's President, said, "MAMA provides scholarships for ambitious students with an interest in a career in Automotive to become the next leaders of our automotive industry. I congratulate this group of excellent students who received this year's Mississippi Automotive Manufacturers Association Scholarship, and wish them success in completing their degree and a successful start in our industry!"

For more information about the MAMA Scholarship program, visit the MAMA website at <https://mamaonline.net/scholarships>.