

DISTINGUISHED ENGINEERING RECOGNITION BANQUET

2023

LEADING BY EXAMPLE



MISSISSIPPI STATE UNIVERSITY™
JAMES WORTH
BAGLEY
COLLEGE OF ENGINEERING

March 2, 2023

WELCOME

Dr. Jason M. Keith
Dean, Bagley College of Engineering

DINNER

DISTINGUISHED FELLOWS PRESENTATION

EMERGING LEADER PRESENTATION

STUDENT HALL OF FAME PRESENTATION



MISSISSIPPI STATE UNIVERSITY™
JAMES WORTH
BAGLEY
COLLEGE OF ENGINEERING

DISTINGUISHED
ENGINEERING
RECOGNITION
BANQUET



ENGINEERING

DISTINGUISHED FELLOWS

Our alumni have become chief executive officers, presidents, vice presidents, faculty members and leaders in their professions, and all share a common heritage – as engineering graduates of Mississippi State University.

In 1991, the College of Engineering named 100 Distinguished Fellows as part of its 100th anniversary celebration for engineering education at Mississippi State. The program was reborn in 1999 with the addition of ten Distinguished Fellows. Each year eight to ten esteemed alumni are given this prestigious recognition.



MISSISSIPPI STATE UNIVERSITY™
JAMES WORTH
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COLLEGE OF ENGINEERING



RAY CARROLL

EDUCATION & ACHIEVEMENTS

Christian Brothers University, Master of Engineering Management, 1995
Mississippi State University, B.S. Aerospace Engineering, 1987

EMPLOYMENT & EXPERIENCE

FedEx Express,

Vice President of Aircraft Engineering, 2015 - present

Managing Director of Aircraft Engineering, 2007 - 2015

Engineering Manager, Aircraft Engineering, 2006 - 2007

Senior Manager, Vehicle & GSE Engineering, 2003 - 2006

Senior Manager, Industrial Engineering, 1997 - 2003

Engineering Manager, Industrial Engineering, 1996 - 1997

Service Engineer, 1995 - 1996

Aircraft Engineer, 1988 - 1995

Simulation Engineer, U.S. Army Missile Command, Redstone Arsenal,
1987 - 1988

PROFESSIONAL ACCOMPLISHMENTS

FedEx Express Five Star Award Recipient, 2009, 2005, 2003, 2000, 1997

FedEx Information Technology Hall of Fame

Society of Automotive Engineers Aerospace Council

FAA Designated Engineering Representative

MEMBERSHIPS

Delta Chi Fraternity

Society of Automotive Engineers

Airlines For America's Engineering, Maintenance and Materiel Council
The Wings Club Foundation

COMMUNITY ACTIVITIES

Harvest Church, Elder

Department of Aerospace Engineering, Mississippi State University,
Advisory Board

Boy Scouts of America, Assistant Scout Master



JOHN L. CROSS, MD, FACP

EDUCATION & ACHIEVEMENTS

University of Mississippi Medical Center, M.D., 2006

Mississippi State University, B.S. Biomedical Engineering, 2000

Physician Leadership Academy, Mississippi State Medical Association, 2015

Business Advantage Program for Professionals, Millsaps College, 2010

Internal Medicine Residency Program, University of Mississippi Medical Center, 2009

EMPLOYMENT & EXPERIENCE

Vice President and Medical Director, Southern Farm Bureau Life Insurance,
2020 - present

Physician and Medical Director, Baptist Memorial Hospital, 2016 - 2019

Physician and Associate Professor, University of Mississippi Medical Center,
2009 - 2016

Physician, GV Sonny Montgomery VA Medical Center, 2008 - 2009

Department of Physiology, University of Mississippi Medical Center,
2000 - 2002

TK Martin Center for Technology and Disability, 2000

PROFESSIONAL ACCOMPLISHMENTS

President, Mississippi State Medical Association, 2022 - present

Board of Directors, Medical Assurance Company of Mississippi, 2019 - present

James C. Waites Physician Leadership Award, 2018

Fellow, American College of Physicians, 2013

MEMBERSHIPS

American Academy of Insurance Medicine

American Medical Association

Central Medical Society

COMMUNITY ACTIVITIES

Mission First Medical Clinic

Pinelake Church

Jackson Prep Booster Club



WILLIAM ERIC GROSS

EDUCATION & ACHIEVEMENTS

Mississippi State University, B.S. Civil Engineering, 1977, Co-operative Plan

EMPLOYMENT & EXPERIENCE

Owner and Proprietor, Smoky Mountain Vacations, LLC, 2014 - present
Chief Reservoir Engineer, CSG Investments, Inc., 2017 - present
Senior Staff Reservoir Engineer, Hunt Oil Company, 2001 - 2016
Chief Reservoir Engineer, Chieftain International, 1999 - 2001
Manager, Reserves & Evaluations, Denbury Resources, 1996 - 1999
Acquisitions Manager, Plains Resources, 1993 - 1996
Senior Staff Reservoir Engineer, Apache Corp., 1991 - 1993
Chief Reservoir Engineer, Texas Oil & Gas Corp., 1988 - 1990
Staff Reservoir Engineer, Delhi Gas Pipeline and TXO Production,
1981 - 1987
Senior Petroleum Engineer, Amoco Production Company, 1977 - 1981

PROFESSIONAL ACCOMPLISHMENTS

Registered Professional Engineer No. 68150, State of Texas, 1990

MEMBERSHIPS

Society of Petroleum Evaluation Engineers, since 2011
Petroleum Engineers Club of Dallas, since 1999
ADAM Energy Forum, since 1997
Society of Petroleum Engineers, since 1977

COMMUNITY ACTIVITIES

First McKinney Baptist Church, McKinney, Texas



KAROLINA SARNOWSKA-UPTON

EDUCATION & ACHIEVEMENTS

University of Virginia, Ph.D. Computer Science, 2013

University of Virginia, M.S. Computer Science, 2008

Mississippi State University, B.S. Computer Science and B.S. Mathematics, 2006

Outstanding Graduate Service Award

Upsilon Phi Epsilon Honor Society

Kappa Mu Epsilon Honor Society

Phi Kappa Phi Honor Society and Award of Excellence

Harry C. Simrall Award for Engineering Excellence

Google Anita Borg Scholar

EMPLOYMENT & EXPERIENCE

Engineering Manager, Microsoft, 2017 - present

Engineering Manager, Intentional Software Corporation, 2016 - 2017

Software Engineer & Analyst, Intentional Software Corporation, 2013 - 2016

Openlab Student, the European Organization for Nuclear Research,
CERN, 2008

Software Design Engineer in Test Intern, Microsoft, 2005 & 2006

Undergraduate Research Fellow, NIST, 2004

PROFESSIONAL ACCOMPLISHMENTS

Dale Carnegie Training Highest Achievement Award, 2019

COMMUNITY ACTIVITIES

Mothers of Preschoolers, MOPS

Citizens' Climate Lobby, CCL



STEVEN WESLEY SHEDD

EDUCATION & ACHIEVEMENTS

Mississippi State University, B.S. Mechanical Engineering, 2002

Completed Finance for Senior Executives, Harvard Business School, 2022

EMPLOYMENT & EXPERIENCE

CEO, Scientific Drilling Int., 2022 - present

COO, Scientific Drilling Int., 2020 - 2022

VP of Operations and Sales, Scientific Drilling Int., 2019 - 2020

Operations Management (multiple), Scientific Drilling Int., 2007 - 2019

ExxonMobil Planning through Scientific Drilling Int., 2002 - 2007

MEMBERSHIPS

Society of Petroleum Engineering

American Association of Drilling Engineers

International Association of Directional Drillers

COMMUNITY ACTIVITIES

The Woodlands First Baptist Church

Montgomery Little League



LISA J. SMITH

EDUCATION & ACHIEVEMENTS

Kennesaw State University, Master of Business Administration, 2002
Mississippi State University, B.S. Electrical Engineering, 1993

EMPLOYMENT & EXPERIENCE

Georgia Power,
Senior Vice President of Region External Affairs and Community
Engagement, 2022 - present
Vice President Community & Economic Development, 2021 - 2022
Regional Director, 2015 - 2022
Area Manager, 2012 - 2015
Sales and Marketing, 1997 - 2015
Distribution Engineer, Mississippi Power, 1993 - 1997

PROFESSIONAL ACCOMPLISHMENTS

Woman of Achievement, YWCA of Greater Atlanta, Georgia Power Honoree
Profiles in Diversity Journal, Women Worth Watching
Atlanta Business League's Top 100 Black Women of Influence
Clayton's Business Woman of the Year

MEMBERSHIPS

Alpha Kappa Alpha Sorority, Incorporated
American Cancer Society, Board of Directors
Georgia Humanities, Board of Directors
Learn4Life Leadership Council
Georgia Partnership for Excellence in Education

COMMUNITY ACTIVITIES

Citizens of Georgia Power
Newnan Chapel United Methodist Church
Leadership Atlanta



THOMAS S. THORNHILL

EDUCATION & ACHIEVEMENTS

University of North Carolina at Chapel Hill, MBA Finance, 1975
Mississippi State University, B.S. Industrial Engineering, 1970

Beta Gama Sigma Honor Society

EMPLOYMENT & EXPERIENCE

Managing Director/Chief Risk Officer Healthcare Group,
SunTrust Robinson Humphrey

Managing Director/Group Head Healthcare and Telecommunications,
KPMG Corporate Finance

Managing Director/ Global Group Head Healthcare and Cross Border M&A,
ABN AMRO Bank

Senior Vice President/ Atlanta Region Head- Debt and Equity Investments
in LBOs, GE Capital Corporate Finance

Vice President Pittsburgh PA and Atlanta GA- Corporate, Mellon Bank NA
Communications/Media and LBOs, Lending in Healthcare

MEMBERSHIPS

Turnaround Management Association

Atlanta Venture Forum

Green Capital Advisors, Director

West Paces Ferry Hospital, HCA Inc., Director

COMMUNITY ACTIVITIES

Peachtree Presbyterian Church

Ansley Golf Club

American Diabetes Association, National BOD

Mississippi State University Business School, Guest Lecturer



WILLIAM J. WILLIFORD

EDUCATION & ACHIEVEMENTS

Mississippi State University, B.S. Petroleum Engineering, 1995

EMPLOYMENT & EXPERIENCE

W&T Offshore,

Chief Operating Officer, 2022 - present

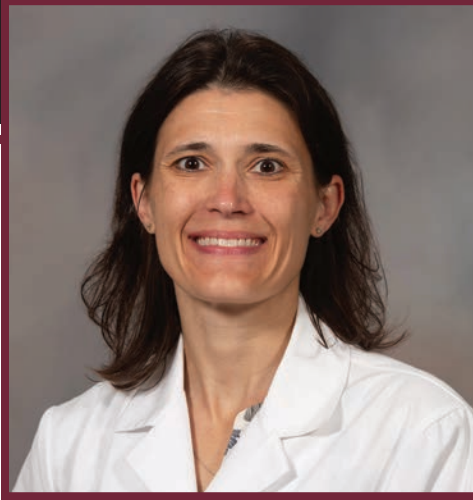
Executive Vice President and General Manager of Gulf of Mexico,
2018 - present

Vice President and General Manager Gulf of Mexico Shelf
and Deepwater, 2018

General Manager Deepwater Gulf of Mexico, 2014 - 2018

Exploration Project Manager, 2011 - 2014

Reservoir Engineer, 2006 - 2011



MARY ALISSA WILLIS

EDUCATION & ACHIEVEMENTS

Cleveland Clinic Foundation, Clinical Neuroimmunology Fellowship, 2012

University of Mississippi Medical Center, Neurology Residency, 2011

University of Mississippi Medical Center, MD, 2007

Mississippi State University, B.S. Chemical Engineering, 2002

International Journal of MS Care, Associate Editor

Association of University Professors of Neurology, 2nd Vice President

Mississippi State Medical Association,

Chair, Academic Physicians Section

EMPLOYMENT & EXPERIENCE

Chair, Department of Neurology, University of Mississippi Medical Center,
2019 - present

Staff Neurologist, Cleveland Clinic Foundation, 2013 - 2019

Mead Johnson Nutritionals, 2002 - 2003

Kimberly Clark Corporation, 1999 - 2001

PROFESSIONAL ACCOMPLISHMENTS

Silver Hammer Teaching Award, UMMC, 2022

Best Doctors in America, 2017 - 2021

Excellence in Neurology Award, Cleveland Clinic Neurology, 2018 - 2019

A.B. Baker Teacher Recognition Award, 2018

Staff Teacher of the Year, Cleveland Clinic Neurology, 2014 - 2015

Gold Foundation Humanism and Excellence in Teaching Award, 2010, 2011

Alpha Omega Alpha Resident Teacher of the Year, 2011

MEMBERSHIPS

American Academy of Neurology, Fellow, 10/2019

Gold Humanism Honor Society

Alpha Omega Alpha Medical Honor Society

American Neurological Association, Fellow, 09/2019

Consortium of Multiple Sclerosis Centers

Association of University Professors of Neurology

Mississippi State Medical Association

COMMUNITY ACTIVITIES

National Multiple Sclerosis Society, Community Engagement Council

National Multiple Sclerosis Society, Board of Trustees

Foundation for Sarcoidosis Research, Diversity, Equity and Inclusion Council

ENGINEERING

EMERGING LEADER

The Bagley College of Engineering has a long history of producing graduates who have made an early impact in the field of engineering. Whether through their own professional achievement, service to the community or providing opportunities for other engineers, these up and coming alumni have already made innovative contributions to both industry and academia.

Beginning in 2019, the Bagley College will recognize one of these young alumni each year with the Emerging Leader Award. The award celebrates Mississippi State engineering alumni who are under 40 but who have already demonstrated exceptional knowledge, participation and leadership potential.



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WIL HARRIS

EDUCATION & ACHIEVEMENTS

Mississippi State University, B.S. Mechanical Engineering, 2011

James Worth Bagley College of Engineering Entrepreneurship Certificate Program
Phi Delta Theta Fraternity

EMPLOYMENT & EXPERIENCE

Operations Assistant, Chevron Pascagoula Refinery, 2021 - present

Mechanical Designs Engineering Supervisor, Chevron Pascagoula Refinery,
2019 - 2021

Maintenance Planning Supervisor, Chevron Pascagoula Refinery, 2018 - 2019

Mechanical Designs Engineer, Chevron Pascagoula Refinery, 2012 - 2018

PROFESSIONAL ACCOMPLISHMENTS

In-Service Inspector, The National Board of Boiler and
Pressure Vessel Inspectors

COMMUNITY ACTIVITIES

Mississippi State University Engineering on the Coast Mentorship
Program, Volunteer

Pascagoula Boys and Girls Club, Volunteer

Young Life Christian Ministries, Volunteer Leader

Mosaic Church of Ocean Springs

MSFits Mountain Bike Club, Trail Maintenance Coordinator

BCoE STUDENT HALL OF FAME

The James Worth Bagley College of Engineering is dedicated to the professional and personal development of its students and committed to fostering a holistic environment conducive to student excellence both in and out of the classroom.

Since 2007, the Bagley College has inducted six to eight students into the Student Hall of Fame each spring. These students are chosen based on their ability to maintain excellent academic records while engaging in a variety of work experiences and student activities. The Bagley College is proud to recognize this year's honorees who have demonstrated superior academic achievement, leadership, service and character.



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NATALIA BELTRÁN DÍAZ

EDUCATION

Senior, Mechanical Engineering
3.97 GPA

FUTURE GOALS

To get a Master's of Renewable and Future Energy
To work in the energy industry

ENGINEERING EXPERIENCE

Undergraduate Research Assistant, Center for
Advanced Vehicular Systems, Mississippi State
University, 2021 - 2022
Introduction to Mechanical Engineering Grader,
Department of Mechanical Engineering,
Mississippi State University, 2022 - present

HONORS & ACTIVITIES

Mechanical Engineering Ambassador
Shackouls Honors College, Mississippi State University
Phi Theta Kappa Honor Society, Member
Alford J. Deaton Physics Award, East Central Community College, 2021
Danny Ray Killens Engineering Award, East Central Community College, 2021
S. Lebrun Hutchinson Engineering Scholarship, East Central Community College, 2020



LORENA CHAVARRO CHAUX

EDUCATION

Master's Candidate, Civil Engineering, specialization in Water Resources
4.00 GPA

Universidad de Antioquia, B.S. Sanitary Engineering, 2017

FUTURE GOALS

To become a stream restoration practitioner

ENGINEERING EXPERIENCE

Graduate Research Assistant, Watersheds and Water
Quality Research Lab, Mississippi State University,
2021 - present

Intermittent Worker, Watersheds and Water
Quality Research Lab, Mississippi State University,
2019 - 2020

Water Resources Engineer, Saneam S.A., 2018 - 2019

Water Resources Engineer, Specialized
Environmental Engineering "I.A.E.", 2018

Research Assistant Engineer, CENIGAA Research
Center, 2017 - 2018

Engineering Assistant, GACH Engineering, 2017

Undergraduate Water Resources Engineer (Co-op),
Specialized Environmental Engineering "I.A.E.",
2016 - 2017

HONORS & ACTIVITIES

Society of Hispanic Professional Engineers,
Vice President, 2022

SHPE Award, 2022

Graduate Scholarship, 2022

President, 2021 - 2022

Secretary, 2020

Soil and Water Conservation,
President, 2023

Vice President, 2019 - 2022

Engineer Without Borders, Member, 2019 - present

Phi Kappa Phi Honor Society, Member, 2022

Graduate Research Symposium, Mississippi State University, First Place Poster Presentation, 2022

Professional Development Award, Mississippi State University, 2022

Graduate Student Excellence Award, 2022

Image of Research, Mississippi State University, First Place, 2022

Professional Development Award, Mississippi State University, 2022

Campus Organization of the Year, Student Leadership and Community Engagement, 2022

Group Excellence in Community Service, Student Leadership and Community Engagement, 2022

Graduate Research Symposium, Mississippi State University, Second Place Oral Presentation, 2021

III International Congress of Rivers and Wetlands, Meritorious Presentation, 2021



REESE DUNNE

EDUCATION

Senior, Mechanical Engineering
4.00 GPA
Minor in Mathematics

FUTURE GOALS

To pursue a Ph.D.
To conduct medical imaging research

ENGINEERING EXPERIENCE

Fulbright U.K. Summer Institute,
Associate Student, 2022
University of Oxford, Trinity College,
Associate Student, 2022
Stanford Radiological Sciences Laboratory REU
Program, Stanford University, 2021 - 2022
Computational Sensing and Medical Robotics REU
Program, Johns Hopkins University, 2020 - 2021
Undergraduate Research with Dr. Priddy,
Department of Mechanical Engineering,
Mississippi State University, 2020 - present
Undergraduate Research with Dr. Dutta,
Department of Physics, Mississippi State
University, 2019

HONORS & ACTIVITIES

Knight-Hennessy Scholarship Semifinalist, 2023
Rhodes Scholarship Finalist, 2022
Undergraduate Research Symposium, Mississippi
State University Top-Rated Presentation in
Biological Sciences, Spring 2022
Churchill Scholarship Alternate, 2022
Mississippi State University Graduate
School Symposium, Third Place in
M.S. Engineering, 2022
Barry Goldwater Scholarship, 2021
Mississippi Honors Undergraduate Conference,
First Place Oral Presentation in STEM, 2021
Astronaut Scholarship, 2021
Mississippi State University Undergraduate Research
Symposium, First Place in Biological Sciences,
Spring 2021
Tau Beta Pi Engineering Honor Society,
President and Social Coordinator, 2021 - present
Mr. Mississippi State University, 2021
Johns Hopkins CSMR Summer REU,
Final Presentation Runner-up Award, 2020

Undergraduate Research Symposium,
Mississippi State University, Second Place in
Biological Sciences, Fall 2020
Shackouls Honor College, Mississippi State University,
Outstanding Research Award, 2020 - 2021
Most Outstanding Sophomore, 2019 - 2020
Lambda Sigma Honor Society,
National Student Representative, National
Board, 2019 - 2022
President and Junior Advisor, 2019 - 2021
G.V. Montgomery Presidential Endowed
Scholarship, 2018 - present
Track and Field and Cross Country, Mississippi
State University, 2018 - present
Singers Choir, Mississippi State University,
2018 - present
Nonnie's Notes, Founder and President,
2016 - present
MBA Venture Pathway Program, Member



SOPHIE JONES

EDUCATION

Senior, Biomedical Engineering

3.92 GPA

Minor in Mathematics

FUTURE GOALS

To become a tissue engineer in research and development

ENGINEERING EXPERIENCE

Undergraduate Research with Dr. Priddy, Degradable Magnesium Implants, Department of Agricultural and Biological Engineering, Mississippi State University, 2020 - 2021

Undergraduate Research with Dr. Priddy, BioHorizons Ti64 Disk Study, Department of Agricultural and Biological Engineering, Mississippi State University, 2021 - present

Undergraduate Research with Dr. Priddy, Bioreactor Development, Department of Agricultural and Biological Engineering, Mississippi State University, 2021 - present

Undergraduate Research with Dr. Vandenhoeffer and Dr. Alur, Novel Measurement Device for Prenatal Infant Length, Department of Agricultural and Biological Engineering, Mississippi State University, 2022 - present

HONORS & ACTIVITIES

Joseph and Annie Barrier Engineering Scholarship, 2019 - 2023

Astronaut Scholarship Nominee, Mississippi State University, 2022

Top-rated Project in Biological Sciences and Engineering, 2022

Top-rated Project in the Community Engagement Research Track, 2022

Honors Forum Leadership Class with Mississippi State University President, Dr. Keenum, 2022

Project Inspire, 2022

Tau Beta Pi Engineering Honor Society, Member, 2021 - present

Bagley College of Engineering Undergraduate Research Stipend, 2021 - 2022

New Maroon Camp, 2020 - 2022

Office of Research and Economic Development Research Grant, 2020 - 2021

Alumni Delegates, 2020 - present

President, 2022

Delta Gamma Sorority, 2019 - present

Delta Gamma Scholar's Day Nominee, 2021

House Manager, 2021 - 2022

Dialogue Facilitator, 2021 - 2022

Brickfire Mentoring Program, 2019 - 2020



BRADEN LABERENZ

EDUCATION

Senior, Petroleum Engineering
3.97 GPA

FUTURE GOALS

To work in a technical engineering role
within the upstream oil and gas industry

ENGINEERING EXPERIENCE

Drilling, Production, and Reservoir Fluids Grader,
Swalm School of Chemical Engineering,
Mississippi State University, 2022 - present
Wells Internship, Chevron Corporation, Mid-
Continent Business Unit - Completions, 2022
Wells Internship, Chevron Corporation, Gulf of
Mexico Business Unit - Drilling, 2021
Wells Internship, Chevron Corporation, Upstream
Capability Business Unit - Reservoir
Management, 2020
Engineering Apprenticeship Program, Weapons
Development and Integration Directorate,
Department of Defense, U.S. Army DEVCOM
Aviation and Missile Center, 2019

HONORS & ACTIVITIES

American Association of Drilling Engineers, Mississippi State University, President
Bob Freeman Outstanding Leadership Award Winner, AADE New Orleans Chapter, 2021 - 2022
Andy Ellis Memorial Award Winner, AADE National Board, 2022
Society of Petroleum Engineers, Mississippi State University Chapter, Member
Omega Chi Epsilon Honor Society, Member
Phi Kappa Honor Society, Member



PAOLA RANGEL

EDUCATION

Senior, Industrial and Systems Engineering
3.44 GPA

FUTURE GOALS

To become an ergonomist

ENGINEERING EXPERIENCE

Engineering Intern, Johns Manville, 2022

HONORS & ACTIVITIES

Mississippi State University Alumni Delegate, 2022 - present
Industrial and Systems Engineering Representative, 2022 - present
Bagley College of Engineering Ambassador, 2021 - present
Society of Women Engineers, Member, 2020 - present
Treasurer
Industrial Engineering Departmental Officer
SWE Conference Attendee, 2021 and 2022
New Maroon Camp, 2020 - 2022
Society of Hispanic Professional Engineers, 2019 - present
Bagley College of Engineering Summer Bridge Program, 2019



ALAYNA TODD

EDUCATION

Senior, Chemical Engineering
Senior, Fashion Design and Merchandising
3.73 GPA
Minor in Mathematics

FUTURE GOALS

To work in materials engineering
and textiles engineering
To combine her love for science and
passion for fashion

ENGINEERING EXPERIENCE

Undergraduate Researcher, Mississippi State
University, 2020 - 2022
Marketing Intern, Cotton Inc. Global Supply
Chain, 2021
Piece Goods Intern, Garan Inc., 2020 - 2021
Engineering Intern, Yokohama Tire
Manufacturing MS, 2020
Fellowship, Cotton Inc., 2020

HONORS & ACTIVITIES

Gatsby Gala Best of Show Award 2022
President's Scholar, Fall 2018, Spring 2019, Spring 2020, Spring 2021, Fall 2021
College of Agriculture and Life Sciences, Mississippi State University, Student Ambassador,
2021 - present
Tau Beta Pi Engineering Honor Society, 2021 - present
Best Marketing Strategy for Sustainable Cotton, First Place, 2020
Phi Kappa Phi, Student Vice President, 2020 - present
Omega Chi Epsilon, Secretary, 2021 - 2022
Fashion Board Fashion House, President, 2019 - 2021
National Retail Federation Student Association, Student Ambassador, 2020
Chi Omega Fraternity, Assistant Vice President, 2019 - 2020
Lambda Sigma Honors Society, 2019 - 2020
Engineering Student Council, 2018 - present
President
Vice President
Secretary
American Institute of Chemical Engineers, Mississippi State University, 2018 - present
Secretary
Volunteer Coordinator



SHAYLIN WILLIAMS

EDUCATION

Doctoral Candidate, Engineering Education
4.00 GPA

Mississippi State University, M.S. Industrial and Systems Engineering, 2022
University of Mississippi, General Engineering, 2020

FUTURE GOALS

To work as a teaching-focused professor
To work towards being the director of engineering
for diversity programs or an engineering success
center at a university

ENGINEERING EXPERIENCE

Research, Constructing Knowledge on Student
Motivation and Aspirations in Engineering
Education Programs: Supporting Holistic Student
Success, Mississippi State University, 2022 - present
Pathways Project, Mississippi State University,
2020 - 2021
Undergraduate Researcher, University of
Mississippi, 2020
Summer Undergraduate Research in Engineering,
University of Wisconsin-Madison, 2019
Ronald E. McNair Post-Baccalaureate Achievement
Program, 2018

HONORS & ACTIVITIES

Mississippi State University 3-Minute Thesis, People's Choice Award, 2022
GEM Fellowship, Graduate Student Panelist, 2022
American Society for Engineering Education, Member, 2020 - present
Mississippi State University Graduate Student Association, 2020 - present
Technology and Marketing Coordinator, 2022 - present
Bulldog Society Writing Club, 2022 - present
Phi Kappa Phi Honor Society, 2019 - present
Ronald E. McNair Post-Baccalaureate Achievement Program, Alumni Panelist, 2021 - 2022
Luckyday Success Program Alumni Council, Alumni Panelist, 2021
Center for Self-Determination Theory, 2022 - present
University of Mississippi Luckyday Program, Alumni Council, 2020 - present
Chair, 2022 - present
Delta Sigma Theta Sorority, 2019 - present
Chapter Vice President, 2019 - 2020
National Society for Black Engineers, 2018 - present
Chapter Treasurer, 2019 - 2020
Chapter Legislator, 2018 - 2019
Alpha Lambda Delta Honor Society,
Chapter Vice President, 2017 - 2018
Dave C. Swalm Fellowship
SEC Engineering Dean's Scholarship
First Annual Image of Research Competition Finalist
Capstone McNair Graduate Fellowship, University of Alabama
Clifford D. Clark Diversity Fellowship, Binghamton University
John N. Palmer Assistantship, University of Mississippi

DISTINGUISHED ENGINEERING RECOGNITION BANQUET

www.bagley.msstate.edu
[@msuengineering](https://twitter.com/msuengineering)

Photos from the banquet will be available on the BCoE's flickr.
www.flickr.com/photos/msuengineering



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LEADING BY EXAMPLE

DISTINGUISHED FELLOWS

Ray Carroll

Karolina Sarnowska-Upton

Thomas S. Thornhill

John Cross, MD

Wes Shedd

William J. Williford

William Eric Gross

Lisa J. Smith

Mary Alissa Willis

EMERGING LEADER

Wil Harris

STUDENT HALL OF FAME

Natalia Beltrán Díaz

Sophie Jones

Alayna Todd

Lorena Chavarro Chaux

Braden LaBrenz

Shaylin Williams

Reese Dunne

Paola Rangel



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