



**David Shaw**  
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David Shaw is the vice president for research and economic development at Mississippi State University. As the chief research officer for Mississippi's flagship research university and land-grant institution, he provides oversight for all aspects of research compliance. He is also the president of the MSU Research and Technology Corporation, and oversees the Thad Cochran Research, Technology and Economic Development Park.

Mississippi State has a strong focus on multi-disciplinary, collaborative research and development, and its strategic focus areas include unmanned aerial systems, materials science and engineering, renewable fuels, data to decisions, cyber security, public policy and international development.

The university is also a strong partner with the State of Mississippi in economic development. Mississippi State has played a significant role in recruitment efforts to bring Nissan, GE Aviation, Stark Aerospace, American Eurocopter (now Airbus Helicopters), Aurora Flight Sciences, Paccar, Severstal and Yokohama Tire to the state. MSU also provides extensive support and outreach to industry through its Bagley College of Engineering, the MSU Extension Service and a number of centers on campus. The university offers a comprehensive suite of support services that range from analytical services to plant optimization, and from business services to architectural design.

Dr. Shaw previously served as the director of the Northern Gulf Institute, a NOAA Cooperative Institute. The NGI's primary goal is to develop a research and transition program that fills priority gaps or reduces limitations in current awareness, understanding and decision support between upland-watershed systems and coastal waters, habitats, resources and hazards. All of this is in the context of developing more resilient communities and ecosystems. NGI has led NOAA's cooperative institutes in research of unmanned aircraft for applications in hurricane modeling and levee assessment. He also was director of the Geosystems Research Institute at MSU, a research and outreach institute focused on spatial technology visualization of complex datasets and computational modeling in agriculture, forestry, water resources, climate, weather and oceanography.

Dr. Shaw, who holds Mississippi State's highest honorary distinction as a William L. Giles Distinguished Professor, is a fellow of the Weed Science Society and a fellow of the American Association for the Advancement of Science. He holds a bachelor's degree in agriculture from Cameron University in Oklahoma and a master's and doctorate from Oklahoma State University, both in weed science.