

AEROSPACE ENGINEERING

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NEWSLETTER



MISSISSIPPI STATE UNIVERSITY
JAMES WORTH
BAGLEY
COLLEGE OF ENGINEERING

Spring 2022



Upcoming Events

ASE Graduation Celebration

May 12th, 2:00 p.m.
Walker 123

Engineering Spring Commencement

May 13th

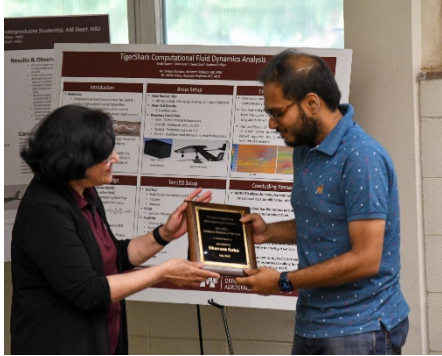
Hail State Go Dawgs!

**Congratulations to our
graduates!**

Have a GREAT SUMMER!

ASE End of Year Celebration and Awards

On May 2nd, ASE students and faculty gathered to celebrate a successful year for the department. Pizza and MSU ice cream were enjoyed, while recognizing the outstanding accomplishments of our Aerospace students. The 2022 ASE departmental awards included **Freshman of the Year (Cody Johnson)**, **Sophomore of the Year (Grace Dingeldey)**, **Junior of the Year (Quinlan Kurtycz)**, **Senior of the Year (Charles Pheng)**, **Graduate Student of the Year (Shuvam Saha)**, and **Faculty of the**



Year (Calvin Walker). Scholarship recipients were also recognized with certificates. The Darwyn L. Ausbon, Jr. Memorial Scholarship was awarded to Jada Sockey; Edwin S. Barland Endowed Scholarship was awarded to Tyler Sprague; Philip and Susan Bridges Scholarship recipients are Brandon Vanladingham and Cody Johnson. The Charlie Cliett Scholarship Fund recipients include Richard Powell, Frederick Wild, James Halterman, Joseph Grabczyns, Joshua Flores, Lonnie Tankersley, Nishant Neupane, Owen Walters, and Samuel Creekmore. The Charles P. Downer, Jr. Memorial Scholarship was awarded to Serena Church. Kyle Lindsey received the Robert and Melinda Wolz Endowed Scholarship. The Henry W. Shurlds



Scholarship Fund was awarded to Grace Dingeldey and Austin Prevette received the Warsi Excellence Endowed Scholarship.

Philippe Gaillet was recognized as the BCoE Distinguished Fellow from ASE at the 2022 Distinguished Engineering Recognition Banquet.



Philippe Gaillet

The ASE Department is extremely proud of all our recipients.

CONGRATULATIONS!

ASE Spotlight!

Sigma Gamma Tau Inductees: Rania Bassou, Grace Dingeldey, Catherine Iseminger

Graduate Student Association Excellence Award: Shuvam Saha

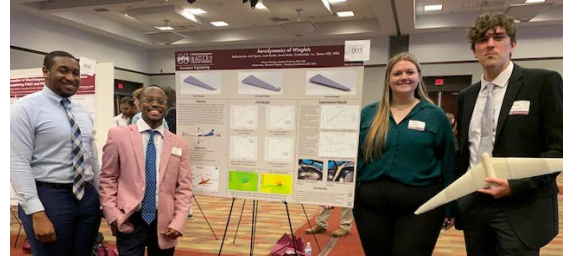
BCoE Graduate Student Hall of Fame: Shuvam Saha

Matthew Isakowitz Fellowship: Randa Bassou

Provost Scholarship: Neil Sanipara

BCoE Student Hall of Fame: Soundouss Sassi

SMART Scholarship: Brooks Wing



2022 Undergraduate Research Symposium

Physical Sciences and Engineering Top Rated Projects

- Aerodynamics of Winglets (J. Figures, S. Burden, J. Randle, S. Studer); Faculty Advisors: S. Narsipur & A. Sescu
- NMEA Communicator Integration for Flight Simulator Development (C. Baughn, D. Foeller, M. Gaines); Faculty Advisors: R. Wolz & Y. Cheng

IT FLIES USA 2022 Flight Simulation Competition

Second place - Handling Qualities: Skywalker Twin-Turbine Executive Aircraft (D. Williams, C. King, J. Watkins, C. Dickerson, N. Areng, C. Jackson, J. Sheffield, S. Jackson)



Second place - Presentation: Advanced Tactical Airlift (BWB) Aircraft (D. Foeller, S. Auer, J. Jasper, C. Bailey, E. Caudill, L. Soorikian, W. Cruz-Gonzalez, J. Tripp)



2022 AIAA Region II Student Conference

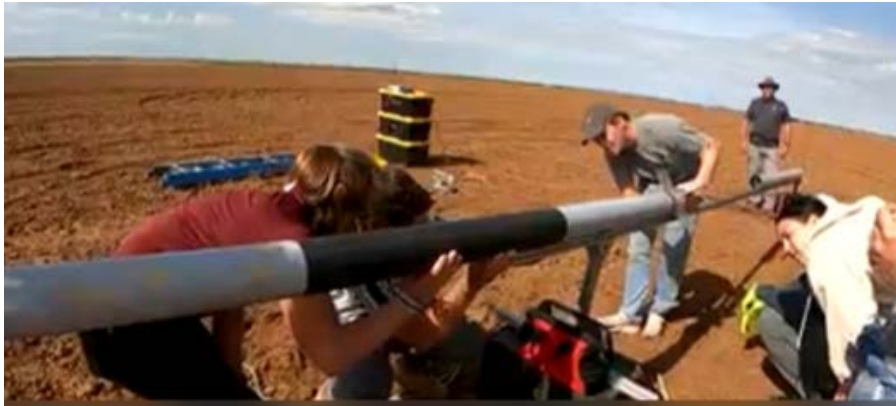
4-5 April; Atlanta, Georgia
44 Participants from MSU ASE
Instructor: R. Wolz

Get Involved!

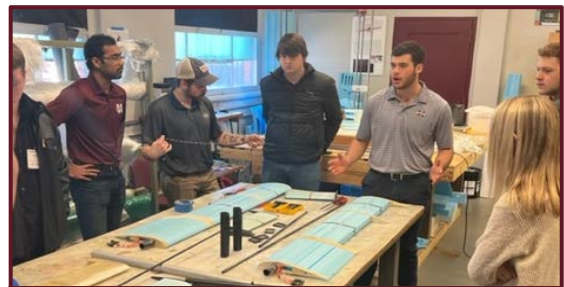
- **AIAA-** American Institute of Aeronautics and Astronautics (Pres. Joseph Mays; Advisor R. Wolz)
- **Space Cowboys-** Nationally competitive rocketry team (Pres. Quin Kurtycz; Advisor R. Wolz & S. Narsipur)
- **Team Xipiter-** UAS integrated products design team (Team Lead: Kyle Lindsey; Advisor C. Walker)
- **CubeSat MSU-** Study and design of miniaturized satellites (Pres. Bentley Hillis; Advisor Y. Cheng & C. Sun)



Space Cowboys successfully performed test launch and recovery of their 2-stage rocket at the April Ripoli North Texas Launch in preparation for the 2022 Spaceport America Cup.



Academic Insight: Open house for high school seniors and transfer students.



ASE Advisory Board Meeting 22 April



Back (L-R): D. Belk, K. Clutter, L. Reaves, C. Tucker, J. Nickels; Front (L-R): R. Sullivan, L. Griffin, D. Howard

Don't forget to HAVE FUN!



Frisbee on the Drill Field - A. Harcrow & R. Wolz

Give to ASE

Your gift greatly benefits the ASE Department. Donations enhance the quality of our academic and research programs. Your generosity enables student scholarships and opportunities, improved facilities, and capabilities. We are grateful for your kind and generous support.

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