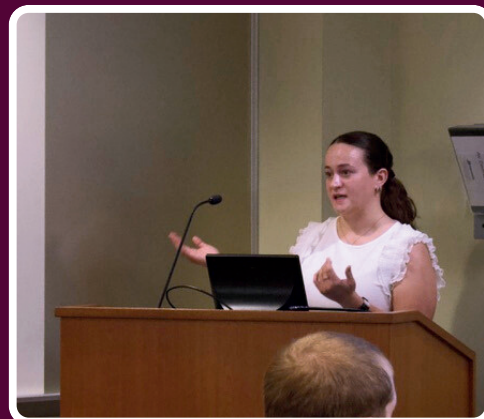
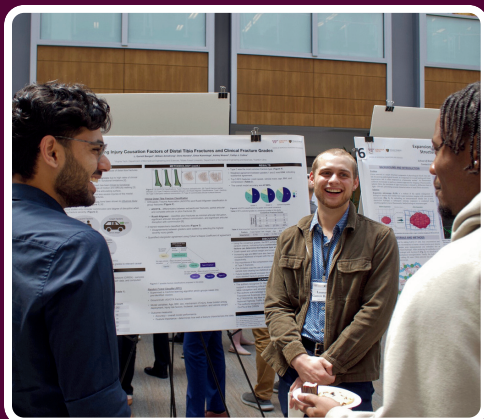




WAKE FOREST  
UNIVERSITY

SCHOOL OF BIOMEDICAL ENGINEERING AND SCIENCES

# SBES Symposium 2025



Welcome to the 24th Annual SBES Graduate Student Research Symposium, hosted by the VT and WFU Biomedical Engineering Society Graduate Chapters. Today, we honor the excellence of our diverse researchers and engineers, who are working towards a healthier society and a brighter future. The Virginia Tech-Wake Forest University School of Biomedical Engineering & Sciences (SBES), a joint graduate program established in 2003, has since expanded with collaborations and new programs, including the 2017 launch of Wake Forest's B.S. program in Engineering and the 2019 debut of Virginia Tech's B.S. program in Biomedical Engineering. The SBES Graduate Student Research Symposium serves as a platform for students and faculty to exchange research ideas and connect with industry sponsors. We are grateful to our sponsors— Exponent, Cook Medical, Engineering Systems Inc., Atrium Health Wake Forest Baptist Comprehensive Cancer Center, Wake Forest Baptist Medical Department of Plastic and Reconstructive Surgery, and Elemance — for their generous support and look forward to fostering collaboration and discussion throughout the event.

**APRIL 28TH, 2025**

**9:00AM – 4:00PM**

**THE INN AT VIRGINIA TECH AND  
SKELTON CONFERENCE CENTER**

## EVENT DETAILS



Exponent®



Wake Forest®  
Baptist Medical Center

Department of Plastic and Reconstructive Surgery



Wake Forest®  
Baptist Medical Center

Comprehensive Cancer Center



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# EVENT SCHEDULE

9:00 AM – 9:30 AM	Registration and Breakfast   Latham AB			
9:30 AM – 10:00 AM	Welcome/Opening Remarks   Latham AB			
10:00 AM – 11:00 AM	Concurrent Oral Sessions I			
	Musculoskeletal Biomechanics Latham AB	Computational Modeling Duck Pond	Head Injury Mechanics Drillfield	Tissue Engineering Smithfield
11:00 AM – 11:15 AM	Break			
11:15 AM – 11:45 A.M.	Sponsor Introductions   Latham AB			
11:45 A.M. – 12:30 P.M.	Poster Session I   Latham CDEF			
12:30 P.M. – 1:15 P.M.	Networking Lunch   Latham AB			
1:15 P.M. – 2:15 P.M.	Concurrent Oral Sessions II			
	Biomedical Imaging Latham AB	Biomaterials Duck Pond	Neuroengineering Drillfield	Translational Cancer Smithfield
2:15 P.M. – 2:30 P.M.	Break			
2:30 P.M. – 3:15 P.M.	Poster Session II   Latham CDEF			
3:15 P.M. – 3:30 P.M.	Break			
3:30 P.M. – 4:00 P.M.	Award Ceremony & Closing Remarks   Latham AB			
4:00 P.M. – 6:00 P.M.	Networking Reception   The Maroon Door			