



2023 Competition

October 21, 2023
Trojan Arena

Troy University
Troy, AL

Welcome

TROY



October 21, 2023

shining future.

As you return to your homes, I wish you a safe and pleasant journey and hope you will come back to Alabama often.

EXCELLENCE IN COMBINATION

Upon completion of the event, many of you will have a safe and pleasant journey and hope you will come back to Alabama often.

As you return to your homes, I wish you a safe and pleasant journey and hope you will come back to Alabama often.

Office of the
Chancellor

216 Adams
Administrative
Building
Troy, Alabama
36082

334-670-3200
334-670-3200

October 21, 2022

Dear Participants, Family, and Friends:

It is my pleasure to

announce the results of the 2022-2023

Annual Survey of Student Satisfaction.

The survey was conducted

from September 12 to

October 10, 2022.

The survey results are available

at <https://www.troy.edu/survey>.

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Wiregrass BEST Robotics

BOOSTING ENGINEERING, SCIENCE, AND TECHNOLOGY EDUCATION

www.wiregrassbest.com

Students, and Community Members:

Welcome Parents, Teachers

Dear Students, Parents, Teachers, and Community Members: We are excited to announce the start of the 2017-2018 BEST Robotics season. This year we will be competing in the FIRST LEGO League (FLL) competition. We are looking for students who are interested in learning about engineering, science, and technology. If you are interested, please contact your teacher or visit our website at www.wiregrassbest.com.

Wiregrass BEST Robotics is a non-profit organization that provides a safe and fun environment for students to learn about engineering, science, and technology. We are currently looking for students who are interested in learning about engineering, science, and technology. If you are interested, please contact your teacher or visit our website at www.wiregrassbest.com.

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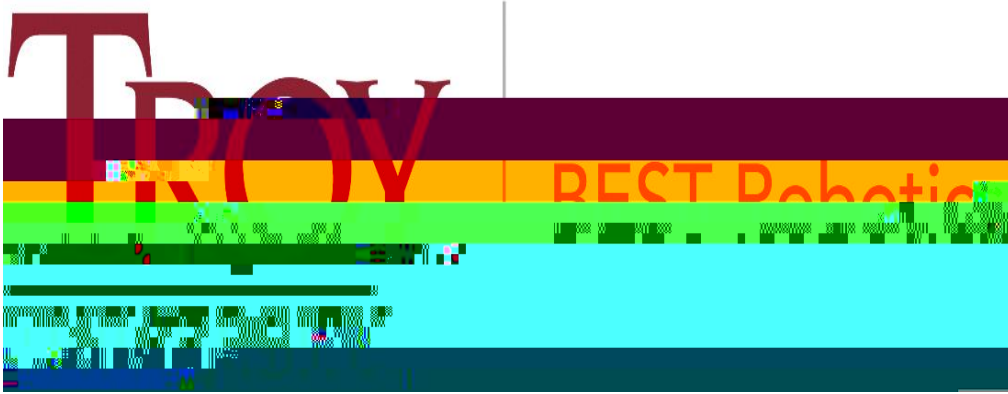
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Sincerely,

Dr. [Name]
Executive Director
Wiregrass BEST Robotics



2023 Participating Teams

Team Number	Team Name	Sponsor	Competition Type
2251	Abbeville High School	Mr. Alvin Wiggins	Head-to-Head Competition
2280	Clark-Shaw Magnet School	Dr. Angela Atchison	BEST Award
2274	Hillcrest High School	Ms. Tieka North	Head-to-Head Competition
2278	South Dale Middle School	Mr. Michael Heer	Head-to-Head Competition
2279	al School	Dr. Stacey Burt	BEST Award
2271	Straughn High School	Mr. Stephen Bowen	BEST Award
2267	Thurgood Marshall Middle School	Mrs. Patricia Redford	BEST Award



2023

[2023 Incision Decision Animation - YouTube](#)



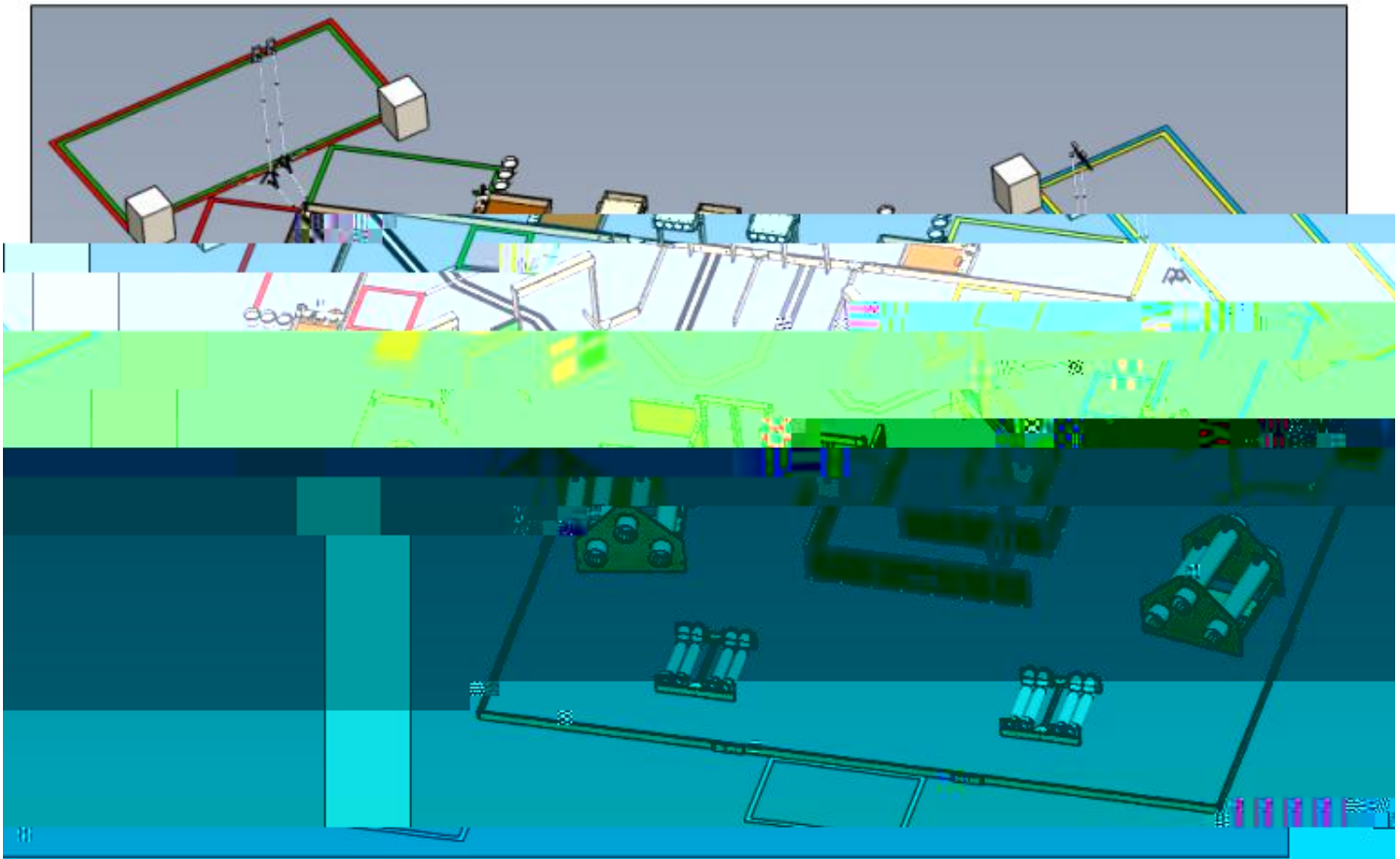
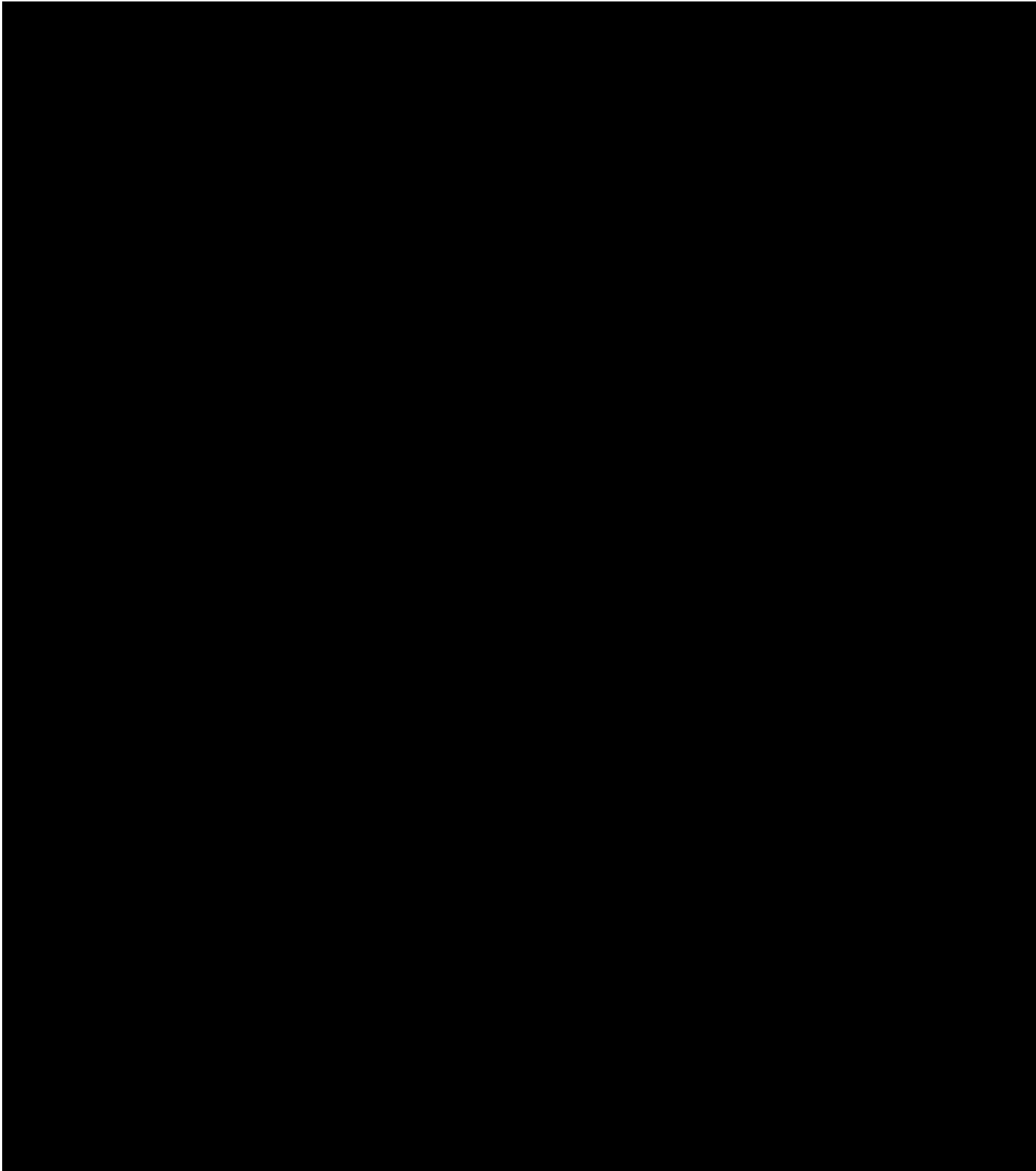


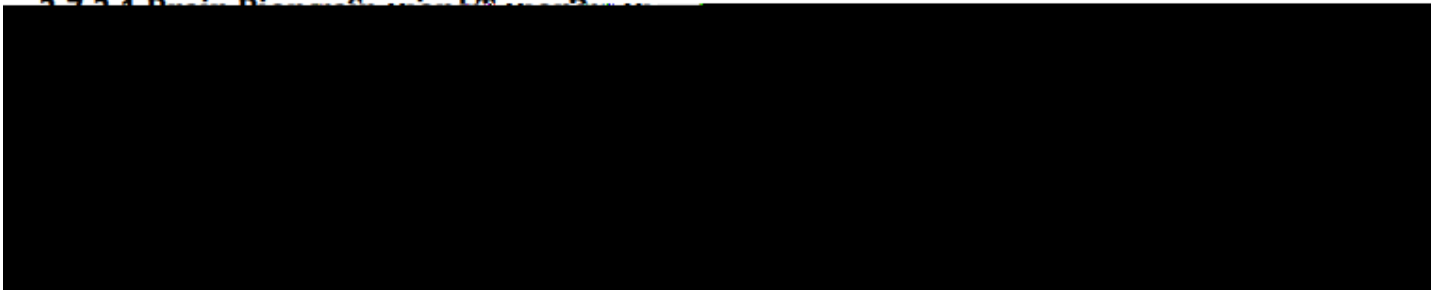
Figure 3.1 Game Field Overview





Stent_Inserted (lower)	Stent is fully inserted into a lower artery	40	3	
		120		
Stent_Inserted (upper)	Stent is fully inserted into an upper artery			
Brain Biopsy				
Biopsy Sample Collected	Biopsy sample is collected as the ro			
Bonuses				
Brain Biopsy Surgical Team	For			
For completing 3-4 procedures	50	2	100	
For completing 5-6 procedures	100	1	100	Diversity B

3.7.3.1 Brain Biopsy Scoring Method



3.7.3.2 Surgical Diversity Bonus

Robots that are diverse in their functionality and can perform multiple surgical procedures may receive additional bonus points in a match. There are 10 possible surgical procedures in SimBody:

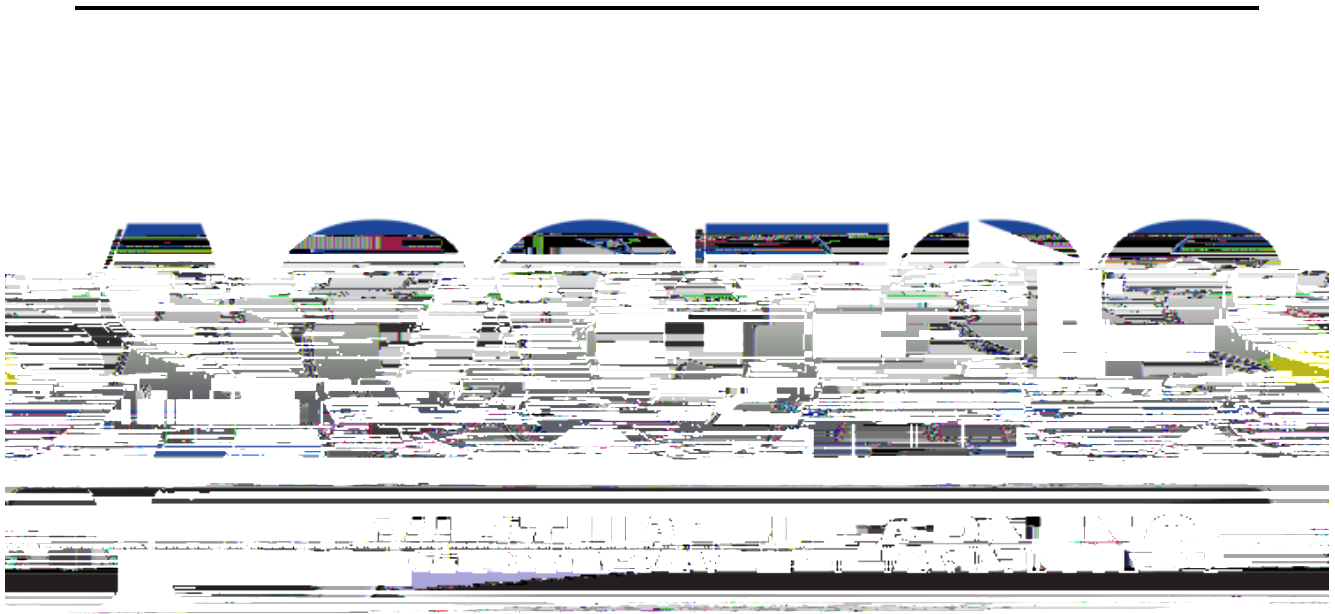
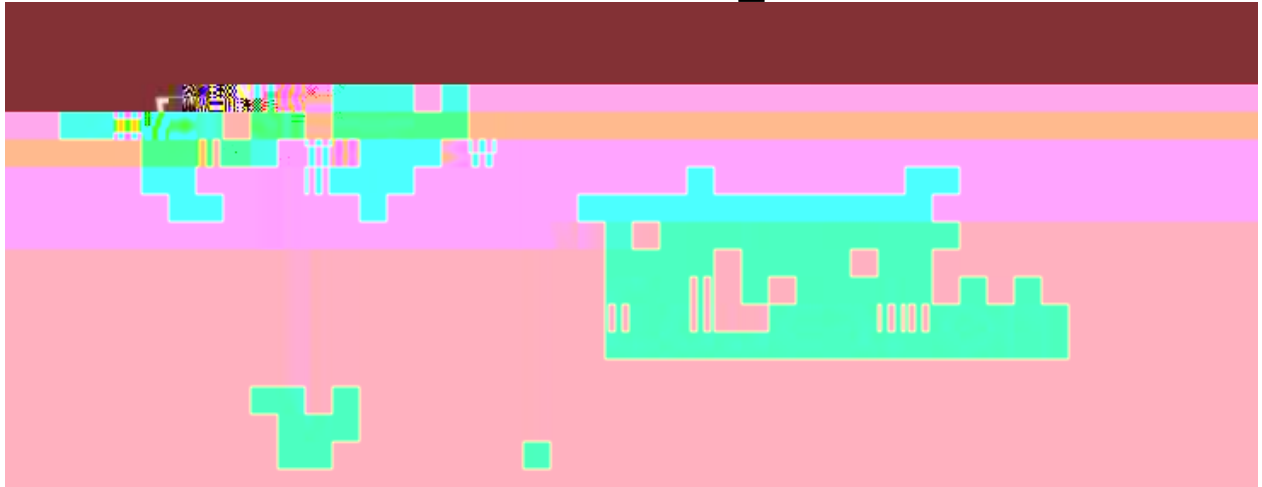
- | | |
|---|---------------------|
| 1. Erupt heart valve membrane(s) stored | 6. Heart bypass con |
| 2. Heart valve repair membrane and valve(s) installed | 7. Blood drop e(s) |
| 3. Pacemaker electrode(s) attached | 8. Plaque removed |
| 4. Heart ablation | 9. Stent(s) im |
| 5. Heart valve repair membrane(s) stored | 10. Brain biop |
| 6. Heart bypass con | |
| 7. Blood drop e(s) | |
| 8. Plaque removed | |
| 9. Stent(s) im | |
| 10. Brain biop | |

50 points are awarded for completing (seeing at least one green signal) in the number of Surgical diversity b procedures indicated:

- a. 50 points are awarded for completing 3 or 4 procedures.
- b. 100 points are awarded for completing 5 or 6 procedures.

150 points are awarded for completing 7 or more procedures.

**Best wishes as you continue your
successful path!**



Thank you to all of our sponsors
and supporters of TROY University
BEST Robotics!



Thank you to all of the generous sponsors of Wiregrass BEST Robotics



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