Participant Information
(Attendee Info Packet)

Fair Date: March 6, 2018

Includes:
- Tentative Event Schedule
- Car Parking Map
- Bus and Tiger Transit Map
- Parking Permit
- Dining Guide
- MOC form
- Judging Scoresheets

For more information visit:
www.auburn.edu/cosam/gearsef

Or contact
Josh King
Phone: 334-844-8123
E-mail: josh.king@auburn.edu
<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30am-8:30am</td>
<td>School Check-in and Project Set-up</td>
<td>Hotel Hallway</td>
</tr>
<tr>
<td></td>
<td>Teachers should pick up the school check-in packet.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Teachers should distribute nametags and fair information to students.</td>
<td></td>
</tr>
<tr>
<td>8:30am-9:30am</td>
<td>Fair Welcome &amp; Student Panel Discussion</td>
<td>Auditorium</td>
</tr>
<tr>
<td></td>
<td>Participants and teachers are in the auditorium for an introduction followed by a panel discussion</td>
<td></td>
</tr>
<tr>
<td></td>
<td>from previous successful science fair students. The ballrooms will be closed to non-staff members</td>
<td></td>
</tr>
<tr>
<td></td>
<td>during this time for judges preview.</td>
<td></td>
</tr>
<tr>
<td>9:30am-12:00pm</td>
<td>Project Interviews (ALL students)</td>
<td>Ballrooms A &amp; B</td>
</tr>
<tr>
<td></td>
<td>ONLY students &amp; staff are allowed in the ballrooms during this time for project interviews.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>There will be a scheduled break from 10:30am – 10:45am for the students.</td>
<td></td>
</tr>
<tr>
<td>12:00pm-12:15pm</td>
<td>Call Backs Announced</td>
<td>Ballroom A</td>
</tr>
<tr>
<td></td>
<td>Call backs for further interviews will be posted outside Ballroom A by this time.</td>
<td></td>
</tr>
<tr>
<td>12:00pm-1:30pm</td>
<td>Lunch (on your own)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>The ballroom will be closed to all but judges and staff during this time for review.</td>
<td></td>
</tr>
<tr>
<td>1:00pm-1:45pm</td>
<td>Call Backs for Selected Students</td>
<td>Ballrooms A &amp; B</td>
</tr>
<tr>
<td></td>
<td>Students selected for call backs will be interviewed next to their projects during this time.</td>
<td></td>
</tr>
<tr>
<td>1:30pm-2:30pm</td>
<td>Public Viewing</td>
<td>Ballrooms A &amp; B</td>
</tr>
<tr>
<td></td>
<td>All are welcome to the ballroom for a public viewing.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Students are encouraged to stay at their projects during this time but are not required.</td>
<td></td>
</tr>
<tr>
<td>2:30pm-3:15pm</td>
<td>Junior Division Awards Ceremony</td>
<td>Auditorium</td>
</tr>
<tr>
<td></td>
<td>Broadcom and State finalists and their teacher and/or parent should meet a fair official immediately</td>
<td></td>
</tr>
<tr>
<td></td>
<td>following awards ceremony.</td>
<td></td>
</tr>
<tr>
<td>3:30pm-4:15pm</td>
<td>Senior Division Awards Ceremony</td>
<td>Auditorium</td>
</tr>
<tr>
<td></td>
<td>ISEF and State finalists and their teacher and/or parent should meet a fair official immediately</td>
<td></td>
</tr>
<tr>
<td></td>
<td>following awards ceremony.</td>
<td></td>
</tr>
<tr>
<td>4:15pm-4:30pm</td>
<td>Project Takedown</td>
<td>Ballrooms A &amp; B</td>
</tr>
<tr>
<td></td>
<td>All projects should be completely removed from the Ballroom by this time.</td>
<td></td>
</tr>
</tbody>
</table>

Sponsored by the College of Sciences and Mathematics and the Samuel Ginn College of Engineering

Schedule Updated 2.12.2018
1. If space is available, park anywhere in the Auburn Hotel and Conference Center lot (grey).

NOTE: If all spots are filled, proceed to the overflow options for additional parking.

Overflow: Stadium Parking Deck (Parking Permit Required)
1. From the Auburn Hotel and Conference Center, turn LEFT onto College St.
2. Turn RIGHT onto Samford Ave and then turn RIGHT onto Duncan Dr.
3. Follow the road to the Stadium Parking Deck (grey).
4. Place parking permit on front dashboard.

Overflow: Downtown Parking Deck (Public Parking)
1. From the Auburn Hotel and Conference Center, turn RIGHT onto College St, and then RIGHT onto Thach.
2. Turn LEFT onto Gay St and follow the LIGHT BLUE line. The parking lot will be on the LEFT right after Magnolia Ave.
Directions:

1. Drop kids off at the loop at the front of the Auburn Hotel and Conference Center.
2. Following the LIGHT BLUE line, turn LEFT onto College St., and then turn RIGHT onto Samford Ave.
3. Turn LEFT onto S Donahue Dr, and then LEFT again and park at the Hayfields (indicated by the grey box).
4. Place parking permit on front dashboard.

For Tiger Transit transportation information to/from the Hayfields, see the additional bus maps provided.
Tiger Transit is the Auburn University bus system that takes students to various stops all over campus. Each stop is marked with a sign listing all bus lines that stop there. To get to and from the Hayfields, take the Central-East Campus bus.

**To the Auburn Hotel and Conference Center:** Approx. 20 minutes
1. Walk to either the Health Sciences Sector or AU Medical Clinic stops.
2. Take the Central-East Campus bus to the Mell St. Station stop.
3. Following the dotted line, walk to the Auburn Hotel and Conference Center.

**From the Auburn Hotel and Conference Center:** Approx. 20 minutes
1. Walk to the Mell St. Station stop.
2. Take the Central-East Campus bus to either the Health Sciences Sector or AU Medical Clinic stops. Cross the street to the Hayfields.
DATES: March 6, 2018

PURPOSE OF VISIT: GEARSEF Science and Engineering Fair

PARKING LOCATION: 4th Floor Stadium Parking Deck (Cars ONLY) or Hayfields (Buses ONLY)

UNIVERSITY CONTACT: Josh King

DEPARTMENT: College of Sciences and Mathematics

PHONE NUMBER: 334-734-1182

Place this permit on the driver’s side of the dash when you come on campus.
On-Campus Dining

Auburn University Student Center

1) Au Bon Pain
   Hours: 7:00 am-8:00 pm
   Sandwiches, Soups, and Salads
   1st floor

2) Mediterranean Café
   Hours: 10:30 am-3:00 pm
   Greek Sandwiches, Salads, Pastas
   1st floor

3) Chick-fil-a
   Hours: 7:00 am-9:00 pm
   Fast Food
   2nd floor

4) Outtakes
   Hours: 7:00 am-12:00 am
   Grab and Go/Convenience Store
   1st floor

5) Papa John’s
   Hours: 10:30 am-8:00 pm
   Pizza
   2nd floor

6) Starbucks
   Hours: 7:00 am-11:00 pm
   Coffee and Pastries
   2nd floor

7) API Trading Co.
   Hours: 7:00 am-3:00 pm
   Caribbean & Latin
   1st floor

Roosevelt Concourse

8) Plains2Plate
   Hours: 8:00 am-7:00 pm
   Local, Fresh Cuisine

9) AU Smokehouse
   Hours: 10:00 am-3:00 pm
   Hot Breakfast/Country Cooking

Foy Dining Hall

10) Terra Nova
    Hours: 10:00 am-3:00 pm
    Salads

11) Chicken Salad Chick
    Hours: 10:00 am-5:00 pm
    Hot Breakfast/Country Cooking

12) Mama’s Chicken
    Hours: 7:30 am-3:00 pm
    Fried Chicken

13) AU India
    Hours: 10:00 am-3:00 pm
    Middle Eastern Cuisine

14) Salsarita’s
    Hours: 10:00 am-3:00 pm
    Mexican

15) Panda Express
    Hours: 10:00 am-8:00 pm
    Asian Cuisine

Near-Campus Dining - within 15 minutes walking distance

16) Big Blue Bagel Deli
    120 N. College St
    Sandwiches, Soups, & Salads
    $$

17) Bizilia’s Café
    134 N. College St
    Sandwiches, Soups, & Salads
    $

18) Cheeburger Cheeburger
    160 N. College St
    Burgers
    $$

19) Five Guys Burgers and Fries
    121 N. College St
    Burgers
    $$

20) Halftime
    154 N. College St
    Sandwiches and Subs
    $$

21) Jimmy John’s
    126 N. College St
    Sandwiches and Subs
    $$

22) Arigato Sushi
    140 N. College St
    Sushi and Hibachi
    $$$

23) Toomer’s Drugs
    100 N. College St
    Sandwiches, Soups, & Salads
    $

24) Mellow Mushroom
    128 N. College St
    Italian
    $$

25) Pita Pit
    157 N. College St
    Sandwiches and Salads
    $

26) Pieology
    101 N College St
    Pizza
    $$

27) Little Italy Pizzeria
    129 E. Magnolia Ave
    Italian
    $

28) Moe’s Original BBQ
    125 E. Magnolia Ave
    Barbecue
    $$

29) McDonald’s
    224 W. Magnolia
    Fast Food
    $
<table>
<thead>
<tr>
<th>Number</th>
<th>Restaurant Name</th>
<th>Address</th>
<th>Cuisine</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td>Moe’s Southwest Grill</td>
<td>114 W. Magnolia Ave</td>
<td>Southwest</td>
<td>$§</td>
</tr>
<tr>
<td>31</td>
<td>Zoe’s Kitchen</td>
<td>234 W. Magnolia Ave</td>
<td>Mediterranean Cuisine</td>
<td>$§</td>
</tr>
<tr>
<td>32</td>
<td>Chick-fil-a</td>
<td>326 W. Magnolia Ave</td>
<td>Fast Food</td>
<td>$</td>
</tr>
<tr>
<td>33</td>
<td>Subway</td>
<td>334 W. Magnolia Ave</td>
<td>Sandwiches and Salads</td>
<td>$</td>
</tr>
<tr>
<td>34</td>
<td>Chipotle Mexican Grill</td>
<td>310 W. Magnolia Ave</td>
<td>Burritos, Tacos</td>
<td>$§</td>
</tr>
<tr>
<td>35</td>
<td>Momma Goldberg’s</td>
<td>500 W. Magnolia Ave</td>
<td>Sandwiches, Soups, &amp; Salads</td>
<td>$</td>
</tr>
<tr>
<td>36</td>
<td>Burger King</td>
<td>156 S. Gay St</td>
<td>Fast Food</td>
<td>$</td>
</tr>
<tr>
<td>37</td>
<td>Taco Bell</td>
<td>271 S. Gay St</td>
<td>Fast Food Mexican</td>
<td>$</td>
</tr>
<tr>
<td>38</td>
<td>Newks</td>
<td>340 S. Gay St</td>
<td>Sandwiches, Soups, &amp; Salads</td>
<td>$§</td>
</tr>
<tr>
<td>39</td>
<td>BurgerFi</td>
<td>339 S. College St</td>
<td>Burgers</td>
<td>$§</td>
</tr>
<tr>
<td>40</td>
<td>Taziki’s</td>
<td>339 S. College St</td>
<td>Mediterranean</td>
<td>$§</td>
</tr>
<tr>
<td>41</td>
<td>Uncle Maddio’s</td>
<td>339 S. College St</td>
<td>Pizza</td>
<td>$§</td>
</tr>
</tbody>
</table>
Auburn University
Youth Program/Camp Informed Consent, Voluntary Waiver, Release of Liability, Assumption of Risks & Media Release Form

PROGRAM/CAMP INFORMATION
Program/Camp Name: Greater East Alabama Regional Science & Engineering Fair (GEARSEF)
Date(s): March 6, 2018 Time(s): 7:00am – 7:00pm
Location: Main Auburn University Campus

PARTICIPANT INFORMATION
Name of Participant: __________________________ City: __________________________ State: __________________________ Zip: __________________________
Phone Number: __________________________ Date of Birth: __________________________ Gender: M ____ F ____

PLEASE READ THIS DOCUMENT CAREFULLY BEFORE SIGNING. THIS IS A LEGALLY BINDING DOCUMENT. THIS FULLY SIGNED FORM MUST BE SUBMITTED BY A PARENT OR LEGAL GUARDIAN BEFORE ANY CHILD IS ALLOWED TO PARTICIPATE IN THE ABOVE REFERENCED PROGRAM/CAMP.

I, the undersigned, wish for my Child (hereafter “Child”) to participate in the above referenced youth program (hereafter “Program”) on the date(s) and location(s) indicated above and, in consideration for my Child’s participation, I hereby agree:

I acknowledge, understand and appreciate that as part of my Child’s participation in the Program there are dangers, hazards and inherent risks to which my Child may be exposed, including the risk of serious physical injury, temporary or permanent disability, and death, as well as economic and property loss. I further realize that participating in the youth program may involve risks and dangers, both known and unknown, and have elected to allow my Child to take part in the Program. Therefore I, on behalf of my Child, voluntarily accept and assume all risk of injury, loss of life or damage to property arising out of training, preparing, participating and traveling to or from the Program.

I, on behalf of my Child, hereby release Auburn University, its Board of Trustees, Administration, Faculty, Staff, Student Leaders, the Program Staff, and all other officers, directors, employees, volunteers and agents (hereafter “Auburn”) from any and all liability as to any right of action that may accrue to my heirs or representatives for any injury to my Child or loss that my Child may suffer while training, preparing, participating and/or traveling to or from the Camp. This agreement is binding on my heirs and assigns.

I, on behalf of my Child, furthermore release, indemnify and hold harmless Auburn from and against any and all liability, actions, debts, claims and demands of every kind whatsoever, specifically including, but not limited to, any claim for negligence or negligent acts or omissions and any present or future claim, loss or liability for injury to person or property that my Child may suffer, for which my Child may be liable to any other person, that may or does arise out of my Child’s participation in the Program. I understand that Auburn accepts no responsibility for my Child’s personal property.

In the event of an accident or serious illness, I hereby authorize representatives of Auburn to obtain medical treatment for my Child on my behalf. I hereby hold harmless and agree to indemnify Auburn from any claims, causes of action, damages and/or liabilities, arising out of or resulting from said medical treatment. I further agree to accept full responsibility for any and all expenses, including medical expenses that may derive from any injuries to my Child that may occur during his/her participation in the Program.

I hereby grant to Auburn the right to reproduce, use, exhibit, display, broadcast, distribute, exploit, modify, adapt, and create derivative works of photographs, videotaped images or video/audio recordings of my child (hereafter “Materials”) by incorporating them into publications, catalogues, brochures, books, magazines, photo exhibits, motion picture films, videos, electronic media, web sites, and/or other media, or commercial, informational, educational, advertising, or promotional materials or publications related thereto (hereafter “Works”). It is agreed that the Works will be used in connection with Auburn business, the activities of Auburn, or for promoting, publicizing or explaining University activities or events. I understand and agree that the University is and shall be the exclusive owner of all right, title, and interest, including copyright, in the Works, and any commercial, informational, educational, advertising, or promotional materials containing the Materials. All electronic or non-electronic negatives, positives, and prints are owned by the University. I also understand that neither I nor my child will receive compensation in connection with the use of my child's image.

This RELEASE shall be governed by and construed under the laws of Alabama. I agree that any legal action or proceeding relating to this RELEASE, or arising out of any injury, death, damage or loss as a result of my Child’s participation in any part of the Program, shall be brought only in Lee County, Alabama.

This RELEASE contains the entire agreement between the parties to this agreement and the terms of this RELEASE are contractual and not a mere recital. The information I have provided is disclosed accurately and truthfully. I have been given ample opportunity to read this document and I understand and agree to all of its terms and conditions. I understand that I am giving up substantial rights (including my right to sue), and acknowledge that I am signing this document freely and voluntarily, and intend by my signature to provide a complete and unconditional release of all liability to the greatest extent allowed by law. My signature on this document is intended to bind not only myself and my Child but also the successors, heirs, representatives, administrators, and assigns of myself and my Child.

Participant Name __________________________ Parent/Guardian Name __________________________
Participant Signature __________________________ Parent/Guardian Signature __________________________
Date __________________________ Date __________________________

A PARENT OR GUARDIAN MUST SIGN THIS FORM FOR A MINOR UNDER THE AGE OF 19
# GEARSEF 2018
## Project Score Sheet - Engineering

### I. Research Problem: 10 points
- Description of a practical need or problem to be solved /3
- Definition of criteria for proposed solution /3
- Explanation of constraints /4

**Research Problem Total: /10**

**Comments:**

### II. Design and Methodology: 15 points
- Exploration of alternatives to answer need or problem /5
- Identification of a solution /5
- Development of a prototype/model /5

**Design and Methodology Total: /15**

**Comments:**

### III. Execution: Construction and Testing: 20 points
- Prototype demonstrates intended design /6
- Prototype has been tested in multiple conditions/trials /6
- Prototype demonstrates engineering skill and completeness /8

**Execution Total: /20**

**Comments:**
## Creativity: 20 points

- Project demonstrates significant creativity in one or more of the above categories (research problem, design and methodology, construction, testing)  
  /12
- Does the project offer different perspectives or open up new possibilities in a field of study? Is the project idea unique?  
  /8

**Creativity Total:** /20

### Comments:

## Presentation: 35 points

### Poster (10 Points):
- Logical organization of material, how well does the physical display explain the project? (4 points)
- Clarity of graphics and legends, how clearly are data and results presented? (3 points)
- Supporting documentation displayed (3 points)  
  /10

### Interview (25 points):
- Clear, concise, thoughtful responses to questions (4 points)
- Understanding of basic science relevant to project (4 points)
- Understanding interpretation and limitations of results and conclusions (3 points)
- Degree of independence in conducting project: If the work was performed in a “mentor-rich” environment, does the student exhibit evidence of their independent contributions to the work? (6 points)
- Recognition of potential impact in science, society and/or economics (3 points)
- Quality of ideas for further research (3 points)
- For team projects, contributions to and understanding of project (2 points)  
  /25

**Presentation Total:** /35

### Comments:

## Total Score: /100

### Final Comments:

---

**Judge’s Name:** ____________________________________________________________

*Please Print Legibly.*
## I. Research Question: 10 points

- Demonstrates clear and focused purpose of study \(/3\)
- Identifies contribution to field of study \(/3\)
- Clearly identifies testable question (scientific process can be used to test research question) \(/4\)

**Research Question Total: \(/10\)**

**Comments:**

## II. Design and Methodology: 15 points

- Well designed research plan \(/5\)
- Clear and appropriate procedures for collecting data \(/5\)
- Variables and controls are defined, appropriate and complete \(/5\)

**Design and Methodology Total: \(/15\)**

**Comments:**

## III. Execution:  Data Collection, Analysis and Interpretation: 20 points

**Data Collection:**
- Systematic data collection
- Reproducibility of results
- Sufficient time spent on data collection \(/8\)

**Analysis:**
- Appropriate application of mathematical and statistical methods \(/6\)

**Interpretation/Conclusions:**
- Are conclusions based on a single experiment or replication? \(/6\)
- Are conclusions supported by data? \(/6\)

**Execution Total: \(/20\)**

**Comments:**
<table>
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<tr>
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<tbody>
<tr>
<td>- Project demonstrates significant creativity in one or more of the above categories (research question, design and methodology, data collection, analysis, conclusions) /12</td>
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<td>- Does the project offer different perspectives or open up new possibilities in a field of study? Is the project idea unique? /8</td>
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<tr>
<td>Poster (10 Points):</td>
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<tr>
<td>- Logical organization of material, how well does the physical display explain the project? (4 points)</td>
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<td>- Supporting documentation displayed (3 points) /10</td>
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<td>Presentation Total: /35</td>
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<tr>
<td>Comments:</td>
</tr>
</tbody>
</table>

| Total Score: /100 |
| Final Comments: |

Judge’s Name: ____________________________

Please Print Legibly.