

Beal Bank

Dallas Regional Science
and Engineering Fair





BEAL BANK

DALLAS REGIONAL SCIENCE & ENGINEERING FAIR

53rd YEAR

JUDGING ORIENTATION

WELCOME





MICHAEL HOYE





TOP 5 JUDGE'S FAQs



Q: *How was I selected to be a judge?*

A: You were in the wrong place, at the wrong time, for the wrong reasons, way too long!



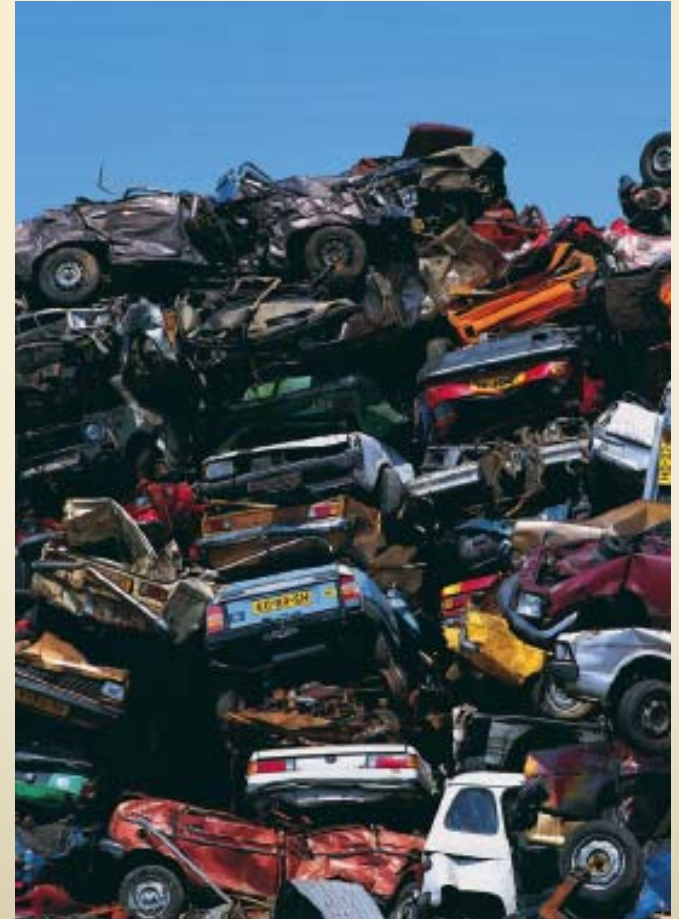
Q: *Is science fair parking free?*

A: Yes, but you will be responsible for towing and impound fees.



Q: *I could not find a parking space, so I parked behind the museum trains. Is that OK?*

A: Your car is now part of the crossing grade accident display.



Q: A student was verbally disrespectful to me last year. Is there penalty for that?

A: Yes, they were given a Dishonorable Mention.



Q: Do we earn frequent flyer miles for being a judge?

**A: Yes,
with
these
folks**






BLUE SLIDES

*Information for
Science Category judges
(not Special Awards)*



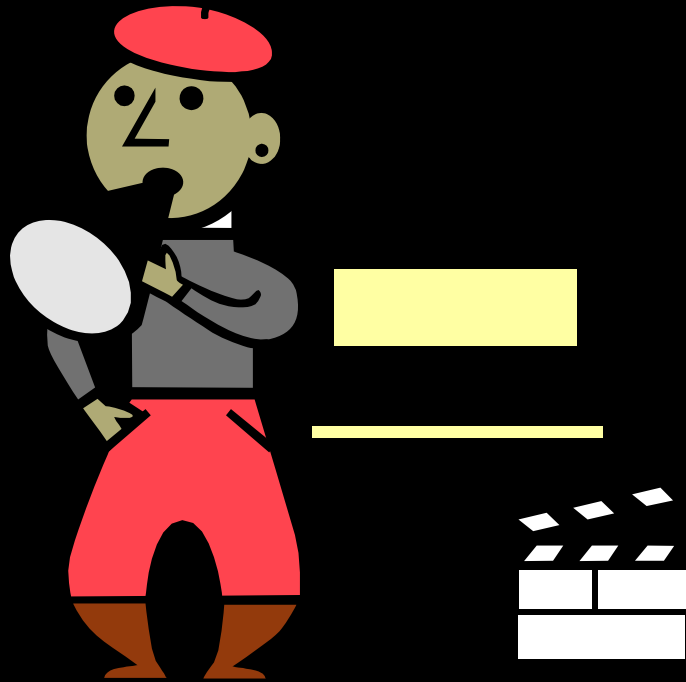


ORIENTATION

- Sit at the table with the same number as on your name badge.
 - Captains take one of the packages at the table.
 - You will be assigned to one group within the category.
- 



THE DIRECTORS



Simon Dalley


Randy Scalise

Fred Olness





PRESENTERS

- Michael Hoyer
 - Michael Daly
 - Richard Cohen
- 



BEAL BANK

52nd REGIONAL SCIENCE AND ENGINEERING FAIR

- International Science & Engineering Fair :
1.5 million projects in 40 countries.
 - Our Regional Base:
8 counties 600 schools
 - 900 students here today who have
won at school and district fairs.
- 



STUDENT PROJECTS

- Junior Division (Grades 7-8)
- Senior Division (Grades 9-12)
- Individual and team projects.
(2 or 3 students per team)
- Divisions and Science
Categories marked with
signage at ends of aisles





STATE Science & Engineering Fair

- 1st, 2nd, and 3rd place Science Category winners at Dallas Regional Fair go to Texas State Science Fair.
- Grand Prize winners at Regional and State go to International Science Fair





PRIZES

- Science Category cash prizes:
sponsored by Beal Bank


Junior - 1st \$175, 2nd \$125, 3rd \$75

Senior - 1st \$300, 2nd \$200, 3rd \$100





PRIZES

- Special Award prizes:
sponsored by business,
education and charitable
organizations in their area
of interest.
- 



MICHAEL DALY






TWO KINDS OF JUDGE

BLUE RIBBONS

Special Award Judges determine
donor organizations' winners

RED RIBBONS

Fair Judges determine Science
Category 1st, 2nd, 3rd winners





SCIENCE CATEGORY JUDGING GROUPS


- Judges organized into groups of 2 - 4, each with a Captain.
- Each group judges projects in one Division (Junior or Senior) and Science Category

Life Categories

Animal Sciences
Behavioral & Social Sciences
Biochemistry
Cellular & Molecular Biology
Environmental Management
Environmental Science
Medicine and Health
Microbiology
Plant Sciences
Life Team

Physical Categories


Chemistry
Computer Science
Earth & Planetary Science
Engineering: Mat.+ Bio.
Engineering: Elec.+ Mech.
Energy & Transportation
Mathematical Sciences
Physics and Astronomy
Physical Team





SCIENCE CATEGORY JUDGING ROUNDS

1st Round


- 9 a.m. ~ Noon. Interviews
All judges participate.
Pick Top Three (TT) projects in your group.
 - For categories with one judge group, rank 1-2-3
& select up to six Honorable Mentions (HM).
 - Captain submits **MASTER LIST** to Central Admin
desk by Noon.
- 



SCIENCE CATEGORY JUDGING ROUNDS

2nd Round

For categories with more than one judge group

- Noon ~ 1:00 p.m. Captains only.
 - Category Captains meet up at Central Admin by Noon, receive new **MASTER LIST**, revisit projects to compare their Top Threes.
 - Rank 1-2-3 & select up to six Honorable Mentions. Results to Central Admin by 1:00 pm
- 



SCIENCE CATEGORY SCORING

PLEASE FOLLOW ISEF SCORING CRITERIA

	Individual	Team
• Creativity	30	25
• Scientific Thought		
<i>OR</i>	30	25
Engineering Goals		
• Teamwork	-	16
• Skill	15	12
• Thoroughness	15	12
• Clarity	10	10
	TOTAL	
	100	100







SCIENCE CATEGORY NOTES

- Judge unattended projects.

But they are only eligible for Science Category Honorable Mentions

- **GREEN** dot projects passed ISEF rules
 - **RED** dot projects failed ISEF rules.
Interview these students, but do not award them any category prizes.
- 

SPECIAL AWARD JUDGING

- No restrictions on which projects may receive Special Awards
 - Special Award organizations use their own judging criteria
 - Results due by 1:00 pm at the Special Awards desk
- 

JUDGING TEAM PROJECTS

- Two or three students in a Team.
- Include all members in the interview to ensure each contributed to the project.
- Final work should reflect the coordinated efforts of all team members.
- Category Judges – note different ISEF scoring


Use **BLUE** scoresheets






Judging “DOs”

- Discuss the project with the student.
 - Only one Judge at a project at one time
 - Budget 8-10 minutes for each project.

 - Complete notes, evaluations & scoring away from the student.
 - Remember your interview is a memorable experience for the student.
- 





JUDGING “DON'Ts”

- Ask about parents or school
 - Judge someone you know
 - Fill out forms in front of the student
 - Discuss your judging process with students/parents/teachers later
- 




BE SENSITIVE!

- Consider the age and maturity of the student.
 - Be aware of the student's knowledge level.
 - Be respectful : please discuss, not lecture, in your interview.
 - Remember this is serious competition for them.
- 




RICHARD COHEN






SCIENCE CATEGORY CAPTAINS' RESPONSIBILITIES

- Leadership, discussion, consensus building, ranking and accuracy
 - Arbitrate differences of opinion
 - Listen closely for public address announcements
 - **MAINTAIN THE TIMETABLE**
- 




SCIENCE CATEGORY CAPTAINS' RESPONSIBILITIES

- Begin judging when released at 9 a.m.
 - Return **MASTER LIST** with Round 1 results to Central Admin desk by Noon
 - Continue on with Round 2 (if needed). Another group member can substitute
 - Return **MASTER LIST** with Round 2 results by 1:00 p.m., before taking lunch
- 



TIMETABLE


- 7:30 - 9:00
 - » Students set up projects
 - 8:00 - 9:00
 - » Judging Orientation
 - 9:00 - 11:00
 - » Student interviews
 - 11:00 – 12:00
 - » Judge discussions/Additional interviews
 - » Round 1 Category results due by Noon
- 



TIMETABLE

- 12:00 Noon
 - » Students leave building
- 12:00 p.m. – 1:00 p.m.
 - » ROUND 2 CATEGORY JUDGING (if needed)
 - » ROUND 2 RESULTS DUE BY 1:00 PM
 - » SPECIAL AWARDS RESULTS DUE 1:00 PM

Buffet lunch is available....but
please finish all your judging first!





FINAL RESULTS

*Projects and results on
public display here today*

5:00-6:30 pm





SPONSORS

Beal Bank

Southern Methodist University

Fluor

Toyota





THANK YOU FOR:

- Your time
- Your interest
- Your expertise

...and your patience



DON'T MOVE !!

- LET'S COMPLETE GROUPS!

- Which categories need Captains?
- Which categories need more judges?

Special Award judges

– please wait for the Special Awards Chair