

**First two pages are for your information only.**

**You must keep them and look over them  
several times before turning in the attached  
packet.**

**Remember: NO STAPLES, ONLY PAPERCLIP  
THE APPLICATION!!!**

**Science Fair Paperwork Information**  
**York County Science and Engineering Fair**  
**Tabb Middle School**

You will need to complete the following paperwork: (in this order) **Paperclip only – NO STAPLES!!**

\_\_\_\_ YSCD Tidewater Science Fair Application (3 or 4 pages)

\_\_\_\_ 1. Student Application

\_\_\_\_ 2. Student Application Checklist

\_\_\_\_ 3. Media Release Form (**one for each member if a team**)

\_\_\_\_ 4. **Only if group/partner (page 4 for groups only)**

\_\_\_\_ Research Plan –Attached

\_\_\_\_ Bibliography for Research Plan – Examples attached in packet

\_\_\_\_ Abstract (follow the directions in the packet to complete)

**ALL PAPERWORK IS DUE BY DECEMBER 1!!! No  
exceptions!**

1. Make sure your name is spelled correctly, especially if you have a partner.
2. Make sure your name **matches** the name that is in Aspen, no nicknames.
3. **DO NOT** change your title. Title must match on all the paperwork and **cannot** change once the paperwork is turned in on December 1.

**Science Fair Date:**

**January 11 at Grafton Middle School**



**67<sup>TH</sup> TIDEWATER SCIENCE & ENGINEERING FAIR**  
**JUNIOR DIVISION APPLICATION INSTRUCTIONS**  
**Old Dominion University – Webb Center**  
**Science Fair – Saturday March 10, 2018**

**President:** Mrs. Lisa Field, [president@tidewatersciencecongress.org](mailto:president@tidewatersciencecongress.org)

**Vice President:** Mr. Rodney Culverhouse, [vicepresident@tidewatersciencecongress.org](mailto:vicepresident@tidewatersciencecongress.org)

**Secretary:** Mrs. Jana Eggleston, [secretary@tidewatersciencecongress.org](mailto:secretary@tidewatersciencecongress.org)

**Read this information before starting the application.**  
**(DO NOT send this sheet with the application.)**

**General Information:**

The regional Tidewater Science and Engineering Fair (TSEF), affiliated with the International Science and Engineering Fair (ISEF), drew almost 300 students, grades 6 – 12, from the Greater Tidewater area to its March 11, 2017 event that was held on the grounds of ODU. Winners received prizes and gifts from local and national organizations. Senior category winners competed at the Virginia Science and Engineering Fair and the two top students received an all-expense trip to the ISEF event in Los Angeles, California. The top junior division winners were invited to further compete with the Broadcom MASTERS program in Washington, DC.

**Information Contacts:**

The fair director regularly sends emails to a group of adult contacts, mostly people in education, within the designated area. These contacts then send out TSEF information to individual schools and teachers, who disperse it to students. This is designed to help students navigate the ISEF regulations and forms. Students without a known contact can send an email request to the director for needed information.

**Helpful websites:**

**Tidewater Science and Engineering Fair**  
**International Science and Engineering Fair**  
**ISEF Forms Wizard**

[www.tidewatersciencecongress.org](http://www.tidewatersciencecongress.org)  
<http://www.societyforscience.org/isef/>  
<https://apps2.societyforscience.org/wizard/index.asp>

**Student Calendar:**

Fall	Get ideas organized. Write up a proposed research plan and get it approved. Complete the TSEF Junior Division Application. Fill out the student checklist and risk assessment to determine if any ISEF forms are required. The following items are required to be included with ALL Junior Division applications: TSEF Junior Division Application with completed risk assessment Research Plan Bibliography Abstract
Fall - winter	Work on project, modifying research plan as needed. Compete in local science fairs (if available).
Tues., Jan. 16 <sup>th</sup>	Adult Contacts must email electronic student database to TSEF president.
Thurs., Jan. 18 <sup>th</sup>	Adult Contacts must deliver 2 copies of completed student applications to TSEF at drop-off locations (NHREC and TCC)
Mid. Feb.	Acceptance/Rejection notices emailed to Adult Contact by TSEF
Late Feb.	Electronic copy of Student Abstract (in Word – see TSEF website) due to TSEF
Sat., Mar. 10 <sup>th</sup>	TSEF Old Dominion University Webb Center
Feb. - June	Broadcom MASTERS application open for invited students.



**67<sup>TH</sup> TIDEWATER SCIENCE & ENGINEERING FAIR**  
**JUNIOR DIVISION STUDENT APPLICATION**  
**Old Dominion University – Webb Center**  
**Science Fair – Saturday March 10, 2018**  
[www.tidewatersciencecongress.org](http://www.tidewatersciencecongress.org)  
<http://www.societyforscience.org/isef>

PARTICIPANT INFORMATION			
	Name	Grade	Gender
Team Spokesperson			
Team Member 2			
Team Member 3			
SCHOOL INFORMATION			
School Name		School Division	
PROJECT INFORMATION			
Title of Entry			
Category (select from list below)			
Animal Science (AS)	Earth & Planetary Science (EA)	Mathematics (MA)	
Behavioral and Social Science (BE)	Energy & Transportation (ET)	Medicine & Health Sciences (ME)	
Biochemistry (BI)	Engineering: Electrical & Mechanical (EE)	Microbiology (MI)	
Cellular & Molecular Biology (CM)	Engineering: Materials & Bioengineering (EN)	Physics and Astronomy (PH)	
Chemistry (CH)	Environmental Sciences (EV)	Plant Sciences (PS)	
Computer Science (CS)	Environmental Management (EM)		
TEACHER/ADULT SPONSOR INFORMATION			
Name of Adult/Teacher Sponsor (Please Print)		Signature of Adult/Teacher Sponsor	
Phone Number of Adult/Teacher Sponsor		Adult/Teacher Sponsor Email Address	
(    ) -    -			
School or Work Location of Adult/Teacher Sponsor			

**Due Date: Thursday January 18, 2018**

**Two copies** of the application packet including all required forms, abstract, and research plan (**single sided and paper clipped, NO STAPLES**) must be submitted in person by the Designated Contact Person determined by each school or division. Drop off windows are from 8-12 at New Horizons (Hampton) or 2:00-4:00 at Tidewater Community College (Va. Beach Campus, Science Building J)

## JUNIOR DIVISION STUDENT APPLICATION: CHECKLIST

Category: \_\_\_\_\_ Experiment Start Date: \_\_\_\_\_ Experiment End Date: \_\_\_\_\_

### **ALL PROJECTS:**

Be certain that all blanks on all forms are completed, including SIGNATURES and DATES.

Proper dates are important. Carefully read each form. Some forms must be dated BEFORE the start date.

Check below in the given blank to indicate you have included each needed form in your packet.

\*Submit your forms in the following order:

### **Tidewater Science and Engineering Fair forms:**

- Tidewater Fair Application: page 1(titled *Student Application*), page 2 (*this page*), page 3 (*Media Release*)
- TEAM Projects only:** page 4 (*Team Information*), page 3 (*Media Release for each team member*)
- Abstract
- Research Plan with Bibliography (*Minimum of 3 major sources*).

### Broadcom Masters Safety and Risk Assessment

Identify and assess the risks involved in this project. Check all that apply. Does your project use:

- 1. Glassware                       2. Heat Source                       3. Chemicals
- 4. Other Hazardous Activities (risk above/beyond that encountered in student's everyday life)
- 5. Human Subjects (surveys, etc.)\* (requires IRB approval – complete ISEF Form 4 and Informed Consent Forms for each participant)
- 6. Vertebrate Animals\* (requires SRC approval – complete ISEF Form 5a or 5b)
- 7. Hazardous Chemicals\* (see page 18 of the ISEF Rules Handbook)
- 8. Potentially Hazardous Biological Agents\* (Mold, bacteria, human/animal tissue, etc.) (requires ISEF Form 6a or 6b)

**\*If you checked items 4, 5, 6, or 7, your project may require additional forms and pre-approval by a Science Review Committee (SRC) or Institutional Review Board (IRB). Complete ISEF forms 1, 1A and 1B with all other required forms, and submit with this application.**

**1. Describe the safety precautions and procedures that will be used to reduce the risks.**

**2. Describe the disposal procedures that will be used. If not applicable, please write in "NA".**

### Student, Parent and Adult Sponsor Consent

*I have reviewed the safety assessment and research plan, and give my permission for the student to complete this research.*

Student's Name Printed	Student Signature	Date (before start date)
Parent/Guardian Name Printed	Parent/Guardian Signature	Date (before start date)
Adult Sponsor Name Printed	Adult Sponsor Signature	Date (before start date)



**TIDEWATER SCIENCE CONGRESS MEDIA RELEASE FORM**

NOTE: If this is a team project, each member must submit a completed form.

I, \_\_\_\_\_ (Student's Name), do hereby give the Tidewater Science and Engineering Fair, its assigns and legal representatives, the irrevocable right to use my picture or photograph in all forms and media and in all manners, including composite representations, for any lawful purpose in its publications and displays. I waive any right to inspect or approve the finished product, including written copy that may be created in connection therewith. I have read this release and understand its contents.

<b>Parent/Guardian Signature</b>	<b>Student Signature (required if over 18)</b>
<b>Phone Number</b>	<b>Date</b>
<b>School</b>	

**CONSENT**

I am the parent and/or guardian of the minor named above and have the legal authority to execute the above release. I approve the foregoing and waive any rights in the premises.

<b>Parent/Guardian Printed Name</b>	
<b>Parent/Guardian Signature</b>	<b>Date</b>

## TEAM MEMBER INFORMATION

Complete ONLY if this is a team project.

Team Member #2 Student and Parent Consent		
<i>I have reviewed the safety assessment and research plan, and give my permission for the student to complete this research.</i>		
Student's Name Printed	Student Signature	Date (before start date)
Parent/Guardian Name Printed	Parent/Guardian Signature	Date (before start date)

Team Member #3 Student and Parent Consent		
<i>I have reviewed the safety assessment and research plan, and give my permission for the student to complete this research.</i>		
Student's Name Printed	Student Signature	Date (before start date)
Parent/Guardian Name Printed	Parent/Guardian Signature	Date (before start date)