

*Western Upper Peninsula Center  
for Science, Mathematics and Environmental Education*

*A partnership of*

Copper Country & Gogebic-Ontonagon Intermediate School Districts and Michigan Technological University  
Serving schools and communities in Houghton, Baraga, Gogebic, Ontonagon and Keweenaw Counties

Dear Science Fair Teacher

The Western Upper Peninsula Science Fair will be **Thursday, April 12, 2018** at the Memorial Union Ballroom on Michigan Tech's campus from 4:15-8:30 pm. Students in Grade 4-8 can submit projects on an investigation they conduct on any topic of interest, using the scientific process. The Student Planning Guide provides information about the science fair, worksheets that will lead your students through the design and implementation of an investigation and a science fair project. The design of a science fair project is an excellent way to engage students in the scientific and engineering practices of the new Michigan Science Standards. Students may work individually on a project or in a group of two students. There will be separate competition categories for groups and individuals in each grade level. **The guidance of the classroom teacher is critical to the success of the science fair.**

**Student Planning Guide (attached):** We ask that each teacher make copies of the 2018 Student Planning Guide for their students to use. The registration forms are found in the back of the planning guide.

**Display Boards and Access to Electrical Outlets:** Projects will need to fit on a standard size board or smaller. Standard size white display boards are available for science fair projects at \$2.00 each. Please contact Loret at 482-0331 or [loret@copperisd.org](mailto:loret@copperisd.org) with the number that you will need. Students will **not** have access to electrical outlets in Memorial Union for their projects.

**Registration:** The number of projects that can enter the Western UP Science Fair is limited to 200 projects on a first-come basis. **Completed registration forms must be received by the CCISD office by 4:00 pm, Friday, March 16, 2018.** No registrations after this due date will be accepted. A complete Science Project Registration Form and a signed Parent Consent Form are required for each project. There are separate forms for individual and group projects that can be found in the back of the Student Planning Guide. Please make sure your students use the correct form.

**Registration forms & parent consent forms must be received by 4 pm, March 16, 2018.**

**Mail, fax, or email completed forms to:** Loret Roberts, Western UP Center  
809 Hecla St, Hancock MI, 49930  
Fax: 906-487- 9348 (fax)      Email: [loret@copperisd.org](mailto:loret@copperisd.org)

**Questions:** please contact Shawn Oppliger at 906-482-0331 or [shawn@copperisd.org](mailto:shawn@copperisd.org)

**Confirmation Letters:** Each registered student will receive a confirmation letter by April 5, 2018. These letters will be sent to you by April 3, 2018 for distribution to participants in your classroom. This letter will have the student's project number and interview time.

**Display of projects at the Carnegie Museum:** Students who received Bronze, Silver or Gold rating at the Western UP Science Fair will have the opportunity to display their projects at the Carnegie Museum in Houghton, from April 26-May 12, 2018. Details will be sent to these students immediately after the fair.

**Awards:** Awards will be given to students who receive 80% of the points on their score sheet. Students will receive a rating indicating their project's success:

- Bronze- 80 to 86% of points
- Silver- 87 to 93% of points
- Gold- 94 to 100% of points

This system will give students more feedback as to their success in accomplishing the criteria on the score sheet. The criteria on the score sheet can be found in the project checklist on p.24-25 of the student guide. Award will be distributed to schools by April 17, 2018 for distribution to students.

**SCHEDULE (All times are EDT) Thursday, April 12, 2018**

<b>Time (EDT)</b>	<b>Event</b>
4:15-5:00 pm	<b>Set up projects in the ballroom</b> Each project will be given a project number. Students will set up their projects in the ballroom on the table that corresponds with your project number. Student nametags will be at your designated area indicated by your project number in the ballroom.
5:00-6:00 pm	<b>Science Fair open to the public</b>
6:00-6:15	<b>Preview period of projects by the judges</b>
6:15-8:30 pm	<b>Judging of Projects – Interview Period #1: 6:15-7:15 pm &amp; Interview Period #2: 7:30-8:30 pm</b> <ul style="list-style-type: none"> <li>• Each student will be assigned an interview time that will be noted on the project tag and the student's nametag. All students must be available next to their projects during their interview time to answer questions by two judges.</li> <li>• All students must wear their nametag during the judging period.</li> <li>• Students should not leave the judging area during your interview time.</li> <li>• Students should have two copies of their written report (one for each judge)</li> <li>• Only participants, volunteers and judges will be allowed in the ballroom from 6:00-8:30 pm. Parents <i>will not</i> be allowed in the judging area after 6:00 pm.</li> <li>• No food in the judging area.</li> </ul>
7:15-7:30	<b>Students scheduled for the first interview period remove projects from the ballroom.</b>
4:30-7:30 pm	<b>Science &amp; Engineering Festival:</b> exciting activities are located in the Memorial Union Commons Area on the ground floor for all participants and family members.
8:30-8:45 pm	<b>Students scheduled for the second interview period remove projects from the ballroom.</b>

The Western UP Science Fair and STEM Festival is conducted by the Western UP Center for Science, Mathematics and Environmental Education and made possible by sponsorship of following Michigan Tech Departments and Student Organizations

- Department of Mathematical Sciences
- Department of Mechanical Engineering – Engineering Mechanics
- Department of Social Sciences
- Earth, Planetary, and Space Sciences Institute
- Ecosystem Science Center
- Great Lakes Research Center
- Pavlis Honors College
- School of Forest Resources and Environmental Science
- School of Technology
- Sustainable Futures Institute
- Department of Kinesiology and Integrative Physiology
- Department of Civil & Environmental Engineering
- Omega Chi Epsilon Chemical Engineering Honor Society
- Center for Science and Environmental Outreach