2021-2022 DMRSEF Season Judge Kickoff Meeting
Welcome and Introductions

• Dr. Erin Golden – Director
• Kayla Ahr – Associate Director
• Samantha Sands – Director of Outreach and Engagement
Welcome to the 59th annual CoorsTek DMRSEF season!
What is a regional science fair?

- An academic competition for area middle and high school students
- An annual opportunity for student scientists to present their research
- A chance for students to meet role models, in peer student scientists and judges
- Junior and Senior category winners represent the CoorsTek DMRSEF at the Colorado Science and Engineering Fair (CSEF)
- Three Senior Best in Fair winners represent Colorado at the prestigious Regeneron International Science and Engineering Fair (ISEF)
Highlights of 2021 Fair

QUICK STATS

113 students participated in the 2021 DMRSEF
41 middle school students
72 high school students

$10,000 in cash & prizes
37 category awards
9 best in fair awards
56 special awards

DMRSEF staff accumulated over 500 student contact hours during the 2020-2021 fair season.

500

22 DMRSEF staff hosted pre-season events

COMMUNITY

countless teachers, mentors, families, and supporters
125 science fair judges
50 program volunteers

The success of the 2021 fair belongs to the entire DMRSEF community. Thank you!

This is what a Scientist looks like
Role of Judges

- Assess the student projects, per judging criteria
- Provide the student with the opportunity to communicate their science
- Provide positive and constructive feedback to the student
- Work with your team to determine category winners and Best-in-Fair recommendation
- Serve as role models!
- Encourage and support students on their STEM journeys
Judges

**Category Judges:** Assess student projects and collaborate with team to decide on category winners and recommend Best-in-Fair

**Category Captains:** Serve as a Category Judge and lead the team of judges for the category. Submit category winners to DMRSEF staff and meet with Best-in-Fair team

**Best-in-Fair Judges:** Meet with Category for recommendations. Work as a team to evaluate category winning projects, interview students and pick Best-in-Fair for Junior and Senior Division

**Special Awards Judges:** Assess student projects based on criteria from the special award(s) they are representing (online only or hybrid, with in-person interviews)
59th Annual Denver Metro Regional Science & Engineering Fair
DMRSEF: 2021-22 Season and Beyond

**Focus**
Grow and Diversify the Fair Community

**Theme**
*This is What a Scientist Looks Like*

**Vision**
Foster and empower the next generation of science literate students and STEM leaders.

**Strategic Intent**
1. To increase accessibility and feasibility of student participation in research opportunities
2. To form authentic relationships with community partners
3. To elevate informal science education and experiential learning
4. To be practitioners, educators, and researchers
Two-day fair and celebration of science!

- **Friday, February 25th**
  - Main academic competition
  - **Judging!**

- **Saturday, February 26th**
  - Community “Open House”
  - Activities Fair
  - Evening Awards Ceremony and Science Celebration!

- Hybrid fair format with student projects on Symposium
  - Judges will have 1 week to preview student projects online
Fair Timeline

- Late September: Fair Participant Registration Opens
- November 1\textsuperscript{st}: Project Registration Opens and \textbf{JUDGE Registration Opens}
- January 7\textsuperscript{th}: Project Registration Closes!
- February 1\textsuperscript{st}: Online student project material submission opens
- February 11\textsuperscript{th}: Online student project material submission closes!
- February 21\textsuperscript{st}: Symposium project portal open to judges for preview
- February 25\textsuperscript{th}: Symposium projects go live! In-person Fair and Judging
Symposium – Virtual Fair Showcase

Welcome to CoorsTek Denver Metro Regional Science and Engineering Fair

- 59th Annual Denver Metro Regional Science and Engineering Fair
- Presented by CoorsTek
- Hosted by Symposiums by FagenOne

Best Fair Ever!

Presenter(s):
Erin Golden, Kayla Aler, Samantha Sans

Project Category:
Sweater Social Sciences (S-SSC)

Project Number:
S-SSC 100

Optional: Demo Video
https://www.youtube.com/watch?v=2MhNctbnBpLg

Optional: Supplementary Materials
https://cas.ucdenver.edu/denversciencefair/

Abstract:
The 2021 Virtual DMREST is going to rock. We have planned a full week of programming that will capture the same energy as our in-person events. Get excited!

Comments:
Start the discussion...

This is what a Scientist looks like
Friday, February 25th

• All-day event (9a-5p)
• All judge meeting in morning
• Judging in teams (each project will be judged by one team)
• Judge team interviews (and special awards interviews) will be scheduled
• Special Awards and Best-in-Fair judge interviews will also be scheduled
• Judges will use online judge scoring in Symposium during the fair to enter scores and comments
2022 Fair Event Plan Questions?
Special Awards!

- Each year more than 30 professional organizations, representing government, industry and education across a wide variety of scientific disciplines, affiliate with DMRSEF as Special Award Sponsors to provide awards from their respective organizations to the students attending DMRSEF.

- Special Award Organizations provide the details of their award including the kind of award, judging criteria, judges and presentation at the Awards Ceremony.

- Special Awards can be:
  - Cash Prizes!
  - Items: Swag from your organization, books, technology like robots or 3-D printers, fun science activities or more
  - Experiences: Tours of your facility, lunch with a scientist, invitation to participate at an event with your organization, etc.

- If you or your organization would like to sponsor a Special Award, please complete our Special Awards Interest Form
FROM START TO SCIENCE FAIR
LEARN MORE AT:
CLAS.UCDENVER.EDU/DENVERSCIENCEFAIR

START NOW!
IT'S NEVER TOO EARLY!

Plan & Prepare
• Identify your research question
• Find out what is already known
• Talk to subject matter experts

SEPTEMBER
Get Involved
• Attend a kickoff event
• Register to participate
• Learn about fair rules and paperwork

Design Your Project
• Finalize your research question
• Plan your experimental procedures
• Obtain necessary pre-approvals

Start Experimenting
• Gather your materials
• Conduct your experiment
• Take thorough notes as you go

JANUARY
Complete Your Project
• Analyze your findings
• Double-check and submit your paperwork
• Reach out to DMSEF staff with questions

FEBRUARY
Get Fair-Ready
• Revise forms, if required
• Create and submit presentation materials
• Attend Competition Ready Stories events

CELEBRATE YOUR SCIENCE AT THE
DENVER REGIONAL SCIENCE AND ENGINEERING FAIR!
Competition Ready Series

• STEAM Team Videos
• **Speak With A Scientist** - Oct 6th, Nov 9th, Dec 2nd
• **Science Fair Q&A** - twice a month, October – March
• **SciComm Series Workshops** – January – March
  • **Speaking Science: Stories, Metaphors, and Analogies** – Hosted by Cherry Creek Toastmasters Club - Nov 17th (virtual)
  • **Perfecting Your Pitch: Eliminating Jargon and Communicating Clearly** – Hosted by Project Bridge – Jan 29th
  • **Informational Writing** – Feb 2nd and Mar 5th
2021-2022 DMRSEF Season

Due Dates and Deadlines
- Monday, November 1st: Project Registration Opens
- Friday, January 7th: Project Registration Due
- Tuesday, February 1st: Online Project Materials Submission Opens
- Friday, February 11th: Paperwork Corrections Due
- Friday, February 19th: Online Project Materials Due
- Monday, February 21st: Display Corrections Due

SciComm Workshops
Get yourself and your project fair-ready with specialized workshops for every step of the way!
- Wednesday, November 17th: 6-8pm: Toastmasters Workshop
- Saturday, January 16th (or 29th): PB SciComm workshop
- Wednesday, January 19th: 6-7pm: Poster Preparation
- Wednesday, January 26th: 6-7pm: Video Preparation
- Wednesday, February 2nd: 6-7pm: Informational Writing
- Wednesday, February 9th: 6-7pm: Interview Preparation
- Wednesday, February 16th: 6-8pm: Interview Practices

Speak with a Scientist
Meet STEM professionals from all different fields! Learn about what they do, how they got there, and the advice they have for those just starting out.
6-7pm, via Zoom
- Wednesday, October 6th
- Tuesday, November 9th
- Thursday, December 2nd

Science Fair Q&A
Bring your questions and get support directly from the DMRSEF Team and other Science Fair pros!
6-7pm, via Zoom
- Saturday, October 9th
- Monday, October 25th
- Wednesday, November 3rd
- Monday, November 22nd
- Wednesday, December 18th
- Monday, December 20th
- Tuesday, January 4th
- Saturday, January 29th
- Tuesday, February 1st
- Sunday, February 6th
- Thursday, March 3rd

To sign up and find the most up-to-date information on due dates and pre-season events, visit our website: www.clas.ucdenver.edu/denversciencefair

This is what a Scientist looks like
Contact Us!

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This is what a Scientist looks like
Q&A

Thank You
...for supporting our science superstars!
This is what a Scientist looks like