

COORSTEK.

DMRSEF DENVER
METRO
REGIONAL
SCIENCE AND
ENGINEERING
FAIR 

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

This is what a Scientist looks like

Welcome to the 59th annual CoorsTek DMRSEF season!



This is what a Scientist looks like

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)



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Highlights of 2021 Fair

QUICK STATS

113
students
participated
in the 2021
DMRSEF

41
middle school
students

72
high school
students

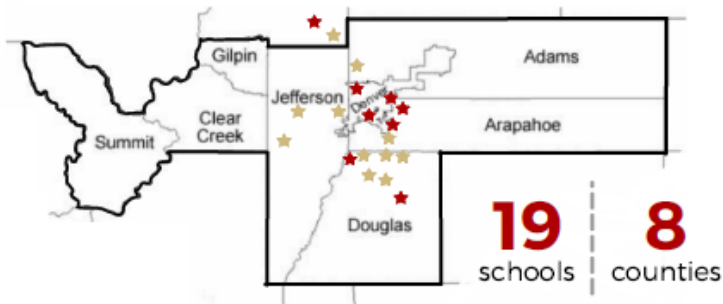


\$10,000
in cash & prizes

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.



DMRSEF staff
22 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



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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)

This is what a Scientist looks like

59th Annual Denver Metro Regional Science & Engineering Fair

This is what a scientist looks like.

DMRSEF

FEBRUARY 25-26, 2022



This is what a Scientist looks like

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

This is what a Scientist looks like

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

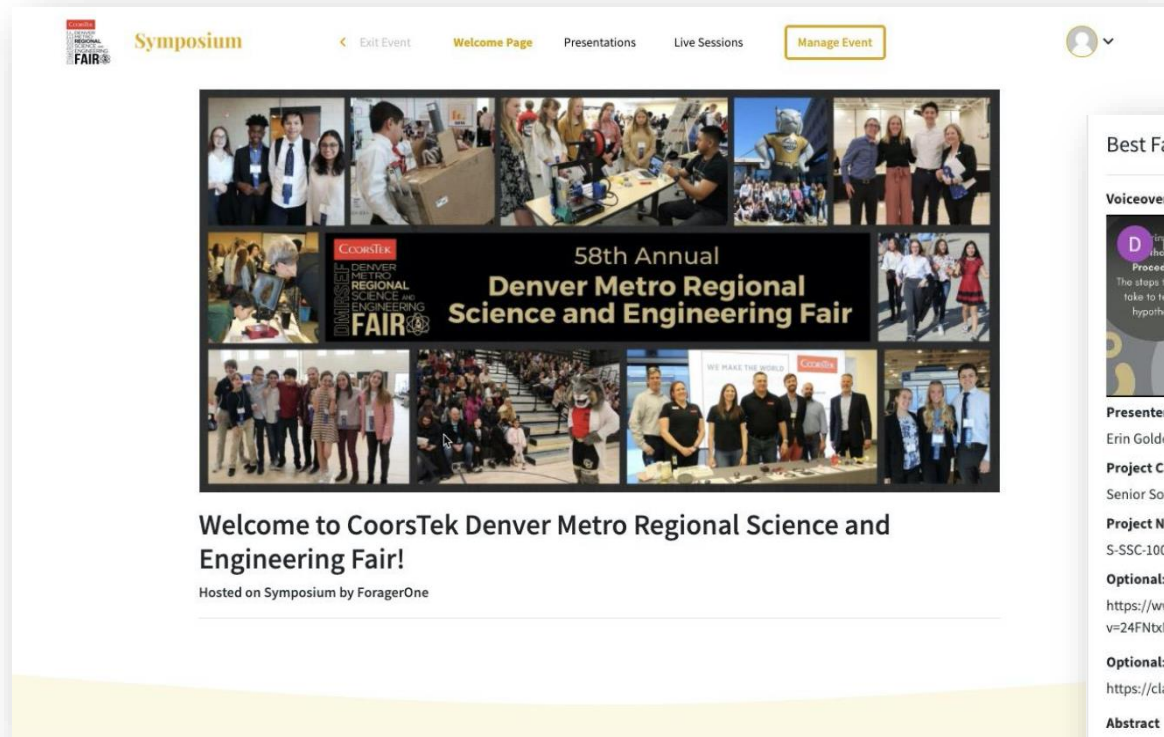
This is what a Scientist looks like

Fair Timeline

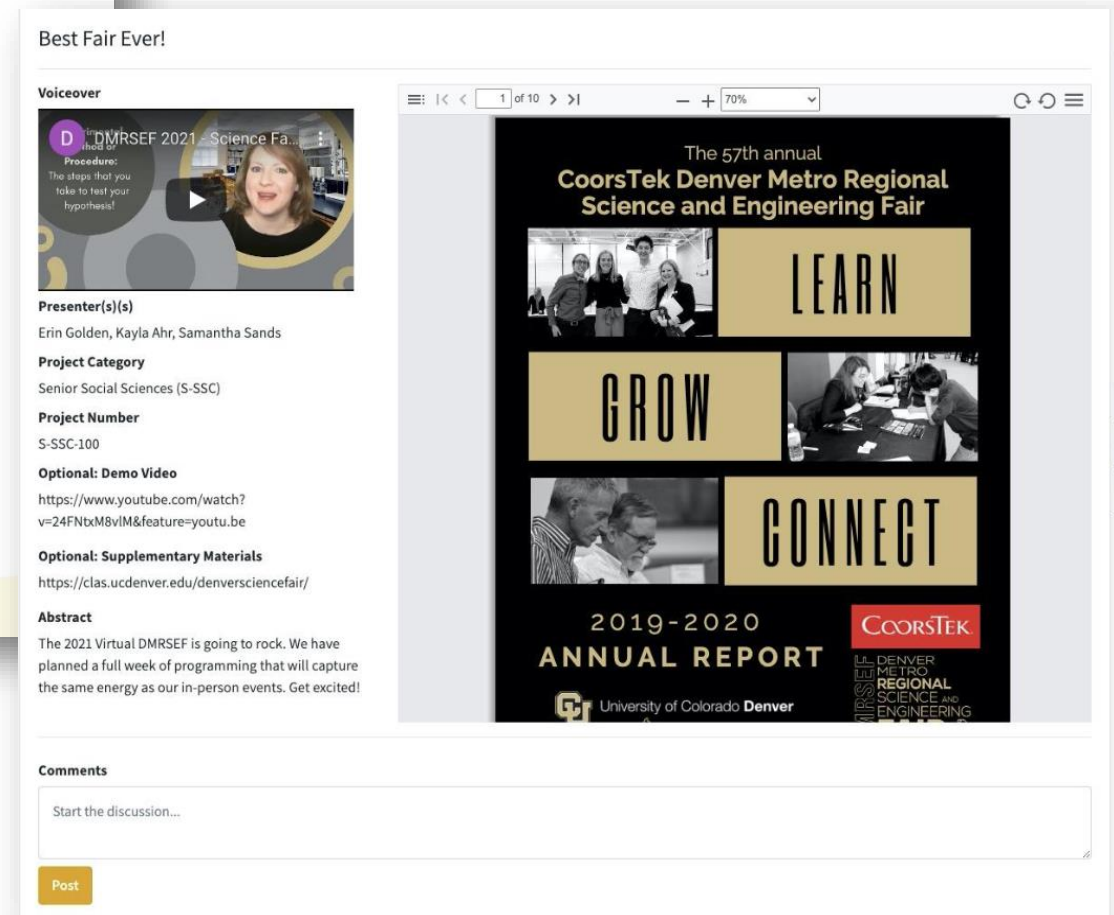
- Late September: Fair Participant Registration Opens
- November 1st: Project Registration Opens and JUDGE Registration Opens
- January 7th: Project Registration Closes!
- February 1st: Online student project material submission opens
- February 11th: Online student project material submission closes!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

This is what a Scientist looks like

Symposium – Virtual Fair Showcase



The screenshot shows the top navigation bar of the Symposium website with links for 'Exit Event', 'Welcome Page', 'Presentations', 'Live Sessions', and 'Manage Event'. Below the navigation is a large collage of photos from the fair. The main heading reads '58th Annual Denver Metro Regional Science and Engineering Fair'. Below the heading, it says 'Welcome to CoorsTek Denver Metro Regional Science and Engineering Fair!' and 'Hosted on Symposium by ForagerOne'.



The screenshot shows a video player interface. The video title is 'Best Fair Ever!'. The video content features a woman speaking, with a play button overlaid. Below the video, the presenter information is listed: 'Presenter(s)(s) Erin Golden, Kayla Ahr, Samantha Sands'. The project category is 'Senior Social Sciences (S-SSC)' and the project number is 'S-SSC-100'. There are links for an optional demo video and supplementary materials. The video player also shows a progress bar at 1 of 10 and a volume control set to 70%. Below the video player is a comments section with a text input field and a 'Post' button.

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

This is what a Scientist looks like

2022 Fair Event Plan Questions?



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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

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COORSTek

DMRSEF DENVER METRO REGIONAL SCIENCE AND ENGINEERING FAIR

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 DMRSEF staff with questions

FEBRUARY

Get Fair-Ready

- Revise forms, if required
- Create and submit presentation materials
- Attend *Competition Ready Series* events

**CELEBRATE YOUR SCIENCE AT THE
DENVER REGIONAL SCIENCE AND ENGINEERING FAIR!**

This is what a Scientist looks like

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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

This is what a Scientist looks like

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 11th - 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 6-8p: Toastmasters Workshop
- Saturday, January 15th (or 29th): PB SciComm workshop
- Wednesday, January 19th 6-7p: Poster Preparation
- Wednesday, January 26th 6-7p: Video Preparation
- Wednesday, February 2nd 6-7p: Informational Writing
- Wednesday, February 9th 6-7p: Interview Preparation
- Wednesday, February 16th 6-8p: 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



September

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

October

Sun	Mon	Tue	Wed	Thu	Fri	Sat
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3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
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31						

November

Sun	Mon	Tue	Wed	Thu	Fri	Sat
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7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

December

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

January

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

February

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

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

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Contact Us!

Dr. Erin Golden – Director

Kayla Ahr – Associate Director

Samantha Sands – Outreach & Engagement/ Judge
Coordinator

DenverScienceFair@ucdenver.edu

<https://clas.ucdenver.edu/denversciencefair/>

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Q&A



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