



Dr. Jonas B. Salk Fair

Chester County Science Research Competition (CCSRC)



Thank You!

Thank you to our Science Fair consultants, Steve Houdeshel and Roger Mecouch, for helping to make the 34th annual Chester County Science Research Competition actually happen and for making the first virtual CCSRC a success!

Thank you to all the school coordinators, who were already navigating completely new territory, but who jumped in anyway to help their students enhance their learning in the scientific arena.

Thank you to all our judges, who lent their time and expertise, to evaluate all 223 projects and interview all 244 students across both fairs. It was exciting to see 4th graders on up to seniors being interviewed by college professors, members of business and industry, and retired teachers.

Thank you to the teachers, parents, sponsors, and mentors who have supported and encouraged these students and helped foster their curiosity and love of learning.

Finally, thank you to the staff of the CCIU Communications and IT Divisions for helping to create a space in which the students could interview. Their input was valuable and helped give a very workable and successful framework to our first virtual fair.





Congratulations!

Congratulations to all the students who competed in the CCSRC. You are all winners for making it to the county level of competition. You represent some of the brightest students in our county. Among you are our future doctors, engineers and scientists. You will be curing diseases, planning for a more environmentally conscience community, creating the next great innovation and shaping our future society.

Special congratulations to those whose names you will see on the following pages, many of whom who were innovative, creative, and who proved their expertise in the category in which they were judged.

We look forward to seeing all of you, in person, at next year's Chester County Science Research Competition.

Good luck to all our young scholars as they finish this unique school year!



Thank you to our Sponsors and Supporters!

The Chester County Science Research Competition
is sponsored by
CCRES, The Dow Chemical Company, Delaware Valley Science Fairs
and powered by STEM Wizard



Judges

- Dr. Jamar Alston - Coatesville Area School District
- Dr. Sriram Balasubramanian - Drexel University
- Mrs. Jackie Brodsky - Chester County Intermediate Unit
- Ms. Kate Campbell - Self
- Ms. Mary Curley - Chester County Intermediate Unit
- Ms. Molly Deger - Chester County Conservation District
- Mr. Kristi Firrantello - CCIU @ Chester-Upland SD
- Mr. Michael Gurnee - Unionville High School
- Mr. Steven Houdeshel - Retired
- Mr. Bob Hranek - Perspecta
- Mr. Kyle Hudson - Crimson Planet Media
- Mr. David Humes - Chester County Intermediate Unit
- Ms. Jaclyn Kubala - Chester County Intermediate Unit
- Dr. Anita Laloo - Merck
- Dr. Madolyn MacDonald - University of Delaware
- Dr. Andrew Matamoros - The Children's Hospital of Philadelphia
- Ms. Michelle McMullin - Self
- Mr. R Roger Mecouch - Retired
- Mrs. Melissa Nyoni - Chester County Intermediate Unit
- Mr. Bill Phifer - Fellows Consulting Group (Partner)
- Mr. Andrew Romine - Scripps Research
- Mr. Juan Salcedo - None
- Dr. Mindy Shi - Temple University
- Dr. Mark Slider - Chester County Intermediate Unit
- Mr. John Taima - Kelly Temporary Services (formerly AESOP)
- Dr. Nicholas Truncellito - Retired
- Mr. Marco Zamora - Drexel University/University of Pennsylvania



Coordinators and Schools

- Beaver Creek Elementary School - Maddie McGrail
 - Chadds Ford Elementary School - Marisa Gehris
 - Charlestown Elementary School - Shana Cooper
 - East Coventry Elementary School - Keeley White
 - East Vincent Elementary School - Christine Seeley
 - French Creek Elementary School - Amy Hess
 - K. D. Markley Elementary School - Michelle Hanna
 - King's Highway Elementary School - Elizabeth Bennett
 - North Coventry Elementary School - Nick Zurga
 - Rainbow Elementary School - Lynn Mancinelli
 - Reeceville Elementary School - Jessica Canning
 - Renaissance Academy Charter School - Kimberly Wheelles
 - Shamona Creek Elementary School - Cathy Tomlinson
 - Springton Manor Elementary School - Cheryl Curtis
 - Sugartown Elementary School - Sarah O'Neill
 - West Vincent Elementary School - Erin Flexner
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Honors





Honors

- Biochemistry - Neera P.
 - Biochemistry - Angad T.
 - Botany - Kendall M.
 - Chemistry - Kelly S.
 - Chemistry - Nandana K.
 - Computer Science - Akshant K.
 - Computer Science - Saanvi A.
 - Consumer Science - Emily K.
 - Consumer Science - Grace K.
 - Engineering - Om K.
 - Environmental Science - Kylie P.
 - Medicine & Health - Benjamin H.
 - Medicine & Health - Nicholas N.
 - Physics - Carrigain E.
 - Physics - Grady W.
 - Physics - Payton B.
- 

A decorative border composed of a grid of hexagons in various shades of green, blue, and dark blue. Some hexagons contain icons related to science and technology, such as a lightbulb, a biohazard symbol, a microscope, a brain, a graph, a battery, a globe, and mathematical symbols like $E=mc^2$ and $2x2=4$.

High Honors

High Honors


- Biochemistry - Adelaide F.
- Biochemistry - Alexa S.
- Botany - Liv T.
- Chemistry - Avery L.
- Chemistry - Diya K.
- Consumer Science - Anthony D.
- Consumer Science - Julianna A.
- Earth & Space Science - Neil C.
- Engineering - Kostas M.
- Environmental Science - Advik S.
- Medicine & Health - Elias M.
- Medicine & Health - Fiona R.
- Physics - Arianna P.
- Physics - Juliette T.
- Physics - Prisha S.
- Team Projects - Madelyn M. & Isabella M.
- Team Projects - Vrithikka B. & Joshitha S.

The background features a decorative border of hexagons in various shades of green, blue, and dark blue. Some hexagons contain icons related to science and technology, such as a lightbulb, a biohazard symbol, a microscope, a gear, a battery, a globe, and mathematical symbols like $E=mc^2$ and $2x2=4$.

Distinguished Honors




Distinguished Honors

- Behavior & Social Science - Tanya J.
 - Biochemistry - Colby P.
 - Botany - Ritvika S.
 - Chemistry - Conner H.
 - Computer Science - Aniya H.
 - Consumer Science - Emma K.
 - Consumer Science - Taylor Q.
 - Earth & Space Science - Abigail B.
 - Engineering - Elliette B.
 - Engineering - Eric R.
 - Environmental Science - Krish M.
 - Medicine & Health - Dean J.
 - Medicine & Health - Ishaan V.
 - Microbiology - Panash K.
 - Physics - Jaden V.
 - Physics - Adarsh N.
 - Physics - Anya J.
 - Team Projects - Vidushi G. & Annie M.
- 



Special Awards

- Behavior & Social Science - Distinguished Performance in Behavioral & Social Sciences - Tanya J.
 - Biochemistry – Significant Developments in Biochemistry - Adelaide F.
 - Biochemistry - Persistence in Science - Colby P.
 - Botany - Bright Ideas in Botany - Addison K.
 - Chemistry - Substantial Interactions in Chemistry - Conner H.
 - Computer Science - Innovation in Science (Computer) - Deveshee D.
 - Earth & Space Science - Future Scientist Award (Earth & Space) – Abigail B.
 - Engineering - Excellence in Engineering Award - Elliette B.
 - Engineering - Spirit of Engineering Award - Kostas M.
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Special Awards Continued

- Environmental Science – Excellence in Environmental Science - Krish M.
- Environmental Science - Best Use of Chemistry or Biology to Solve an Environmental Problem - Kylie P.
- Medicine & Health – Creative Discovery in Medicine & Health - Benjamin H.
- Medicine & Health - Dave Jarvie Award for Life Science - Benjamin H.
- Physics - Powerful Force in Physics - Prisha S.
- Team - DOW Chemical Partnership in Science - Vidushi G. & Annie M.

The background features a decorative border of hexagons in shades of blue, green, and dark blue. Some hexagons contain icons representing various scientific fields: a biohazard symbol, a lightbulb with a question mark, a microscope, a DNA helix, a graph, a battery, a globe, a balance scale, a flask, a building, and a person with a brain.

Best of Division



Best of Division

- **3rd Place - Botany - Ritvika S.**
 - **2nd Place - Environmental Science - Krish M.**
 - **1st Place - Consumer Science - Taylor Q**
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Congratulations!



Chester County Science Research Competition Staff

Kathy Gurnee, Special Events Coordinator, CCIU

Steve Houdeshel, CCSRC Consultant

Roger Mecouch, CCSRC Consultant

Kate Campbell, Contractor

Nick Caputo, Technology Support Specialist, CCIU

Jennifer Chicosky, Marketing & Community Engagement Manager, CCIU

Bill Freeman, Communications Intern, CCIU

Marta Howard, Confidential Secretary, CCIU

Ivana Ivanovic, Communications Secretary, CCIU

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Dalton Valentine, Marketing & Admissions Intern, CCIU