

State of Iowa Physics Competition Results

April 12, 2022

SUMMARY

The University of Northern Iowa Department of Physics hosted the State of Iowa Physics Competition from 9:30 am to 12:30 pm in the UNI McLeod Center on Tuesday, April 12, 2022. See <https://chas.uni.edu/physics/outreach/physics-competition> for more information about the Physics Competition.

Approximately 120 students from 15 different schools from 6 Area Education Agencies in the state of Iowa participated in the state competition. Participating schools include:

- Aplington-Parkersburg High School, Parkersburg, IA
- Alburnett High School, Alburnett, IA
- Clear Creek Amana High School, Tiffin, IA
- Davis County High School, Bloomfield, IA
- Denver High School, Denver, IA
- Dike - New Hartford High School, Dike, IA
- Manson NW Webster High School, Manson, IA
- Maquoketa High School, Maquoketa, IA
- Marquette Catholic High School, Bellevue, IA
- Moulton-Udell High School, Moulton, IA
- Nashua-Plainfield High School, Nashua, IA
- Ottumwa High School, Ottumwa, IA
- Pocahontas High School, Pocahontas, IA
- St. Ansgar High School, St. Ansgar, IA
- South Hamilton High School, Jewell, IA

The winners for the overall Physics Competition and each event follow. More detailed results are one Excel spreadsheets also shared with schools. Congratulations to all the participating teachers and students who helped make this year's state competition a success.

2022 State Physics Competition School Team Winners

Place:	Schools:	Instructors:
1 st Place	Clear Creek Amana (42 points)	Brice Jensen
2 nd Place	Manson Northwest Webster (26 points)	Jessica Waller
3 rd Place	St. Ansgar (25 points)	Devin Schweisow

2022 State Physics Competition Event Winners

Catapult

Place:	Schools:	Students:	Instructors:
1 st Place	St. Ansgar (28.5 cm)	Trysten Bistline Kennedy Schwiesow	Devin Schwiesow
2 nd Place	Marquette Catholic (43.9 cm)	Isaac Brinker Kannon Still	Karen Timmerman
3 rd Place	South Hamilton (49.1 cm)	Zachary Campbell Ashton Dewitt	Ali Engels

Mousetrap Car

Place:	Schools:	Students:	Instructors:
1 st Place	St. Ansgar (1.1 cm)	Jaci Woods Kennedy Schweisow	Devin Schwiesow
2 nd Place	Manson NW Webster (1.6 cm)	Naiven Moore Alex Lampier	Jessica Waller
3 rd Place	Clear Creek Amana (2.9 cm)	Keaton Trimpe Jarod Harvey	Brice Jensen

Bridge Building

Place:	School:	Students:	Instructors:
1 st Place	Clear Creek Amana (4.870 N/g)	Andon Waterbury Isabel Morrow	Brice Jensen
2 nd Place	Alburnett (1.802 N/g)	Isaac Moretz Tytan Bowers	Mark Nall
3 rd Place	Davis County (1.140 N/g)	Kelsey Rook Alyvia VanMannen	LeRoy Pankey

Soda Straw Arm

Place:	Schools:	Students:	Instructors:
1 st Place	Marquette Catholic (76 cm)	Grace Gerhard Elise Kilburg	Karen Timmerman
2 nd Place	Clear Creek Amana (69.5 cm)	Emily Bernacki Teagen Bollers	Brice Jensen
3 rd Place	Denver (48.5 cm)	Kira Cortelyou Chloe Ristau	Jarod Pickett

Measurement

Place:	Schools:	Students:	Instructors:
1 st Place	Aplington-Parkersburg (124)	Taylor Renken Kale Riher	Allison Schipper
2 nd Place	Manson NW Webster (123.52)	Aubrey Jorgensen Naiven Moore	Jessica Waller
3 rd Place	Clear Creek Amana (122.90)	Max Carlson Peyton Stadler	Brice Jensen

CONGRATULATIONS AND THANK YOU!

Congratulations to everyone who placed and participated in this year's State Competition!!! A big thank you goes out to the Rules/Advisory Committee; UNI Physics Department, UNI STEM Support Services, AEAs, and teachers for helping and supporting the competition; Brooke Croshier-Sidebotham and the UNI McLeod Center for allowing us to have this venue, and to all the volunteers who helped with preparation, set up, judging, scoring, and clean up!! We couldn't have done it without you! THANK-YOU! Hope to see you next year!

QUESTIONS

If you have any questions about the 2022 State of Iowa Physics Competition, check out our website provided at the beginning of this document or contact Larry Escalada via email (Lawrence.Escalada@uni.edu).