

State of Iowa Physics Competition Results

April 9, 2024

SUMMARY

The University of Northern Iowa Department of Physics hosted the State of Iowa Physics Competition from 9:30 am to 1:30 pm in the UNI McLeod Center on Tuesday, April 9, 2024. See <https://chas.uni.edu/physics/outreach/physics-competition> for more information about the Physics Competition.

Approximately 185 students from 19 different schools in the state of Iowa participated in the state competition. Participating high schools include:

- Boone-Madrid
- Cedar Valley Homeschoolers
- Central Lee
- Clear Creek Amana
- Colfax-Mingo
- Davenport Central
- Denver
- Hempstead
- Hillcrest Academy
- Manson Northwest
- Marquette Catholic
- MFL Mar Mac
- Moulton-Udell
- Nashua-Plainfield
- Regina Catholic
- St. Ansgar
- St. Edmond Catholic School
- Tripoli
- Waukon

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

2024 State Physics Competition School Team Winners

Place:

1st Place
2nd Place
3rd Place

Schools:

Hempstead
St. Ansgar
Waukon

Instructors:

Brianna Finnegan
Devin Schweisow
Julie Lenth

2024 State Physics Competition Event Winners

Catapult

Place:	Schools:	Students:	Instructors:
1 st Place	Marquette Catholic	Cameron Templeton	Karen Timmerman
2 nd Place	Moulton-Udell	Hayden Brineger Nick Heartley	Jeffrey Richard
3 rd Place	Hempstead	Gavin Nethery Max Vilar	Brianna Finnegan

Mousetrap Car

Place:	Schools:	Students:	Instructors:
1 st Place	Moulton-Udell	Allen Pace Riley Tracy	Jeffrey Richard
2 nd Place	Manson NW	Lizete Hurtado-Ortiz Bryce Hosek	Jessica Waller
3 rd Place	St. Ansgar	Alex Lenz Cersen Sparrow	Devin Schwiesow

Bridge Building

Place:	School:	Students:	Instructors:
1 st Place	Hempstead	Cohen Breitbach Brandon Kass	Brianna Finnegan
2 nd Place	Waukon	Ethan Gibbs Taylor Kiel	Julie Lenth
3 rd Place	Clear Creek Amana	Jake Carlson Landon Lisenbee-Mochal	Brice Jensen

Optical Slalom

Place:	Schools:	Students:	Instructors:
1 st Place	Waukon	Ethan Gibbs Taylor Kiel	Julie Lenth
2 nd Place	Cedar Valley Homeschoolers	Gabrian Dorsey Hannah Dorsey	Jeff Morgan
3 rd Place	Hempstead	Bruce Coakley Kayden Hefel	Brianna Finnegan

Measurement

Place:	Schools:	Students:	Instructors:
1 st Place	St. Ansgar	Hannah Clevenger Morgan King	Devin Schwiesow
2 nd Place	Hempstead	Hannah McFadden Sophia Kissier	Brianna Finnegan
3 rd Place	Central Lee	Blake Lindsay Brendan Mulligan	Jamey Sue Smith

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! We will continue to make some changes to the events. Thanks for your feedback!

QUESTIONS

If you have any questions about the 2024 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).