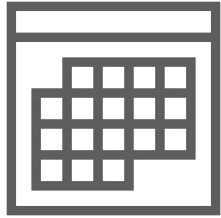


Science Fair Awards Program.

USMA Science Fair Chair

MARK HENSCHEL
Mark.henschel@usma.org

USMA Science Fair Awards Program



Annual

Funded by USMA member dues

- Annual “membership” fees required for USMA to participate
- No monetary awards to students



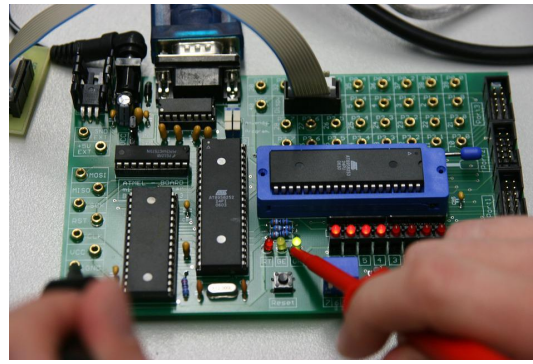
Awards started 1982 (local and national)

- Current Award Period: 2021/2022 school year
- 60 years of awards!



USMA Science Fair Awards Program

Administered by national organization



USMA Science Fair Awards Program

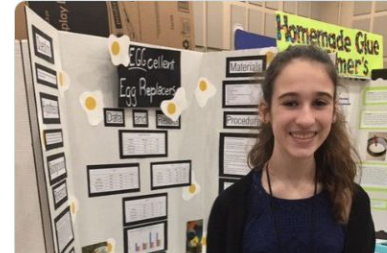
Online reporting now available

Award results typically provided by:

- Schools
- Student Winners
- Social Media

Not all Science Fairs report back to USMA

High Meadows School @HighMeadowsGA · Apr 17, 2019
Middle Years student Johanna E. presented her "EGGcellent Egg Replacers" project at the recent Georgia State Science Fair. She tested different vegan egg substitutes to see if they affected the density of cakes and won an award for effectively using the metric system. Way to go!



Warrenton Middle School @WMS_WARRIORS · Mar 16, 2015
Congrats to Liam, Declan, & Ian for winning an award from the Metric Association at the Fauquier Science Fair.

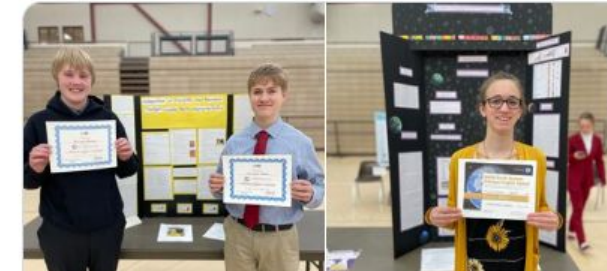


D5 CATS @CATSD5 · Mar 25
The Center's, J'Den O'Neal-2022 SC Region 2 Science Fair Winner-Clean Energy Tech. Program-US Metric Sr Div, US Army Research Office-Environmental Science & Gary Allen Achievement awards 🏆 @CATSD5 @LexRichSchools #D5CATS



Paul Timm @PaulTimmLDNE · Apr 21
Congratulations to Kaylin Miller, Braxton Watson, & Alexander Timm for your success @ NJAS State Science Fair @ Nebraska Wesleyan

Kaylin earned Best Jr. High Earth & Space Science Project and Braxton & Alexander earned Best Use of the Metric System
#WeAreLDNE @lyonsdecatur

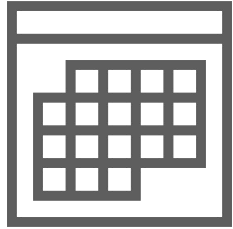


USMA @usma_metric · Mar 15
Congrats Zeferino Zuniga & Hays Espenscheid, Big Piney Middle School students :trophy: first place Biochemistry project + USMA #MetricSystem Award at 2022 Wyoming State Science Fair (WSSF).



subletteexaminer.com
Young BPMS scientists recognized at State Scienc...
Big Piney Middle School students pulled out all the stops at the 2022 Wyoming State Science Fair ...

USMA Science Fair Awards Program



2021/2022 Season Results = 152 Awards

- 138 awards submitted digital report (online)
- 10 awards report by email
- 4 awards report by students thanking USMA for award

Typical Science Fair Season

- Most years we hear from 25 % to 30 % of fairs to which USMA sent awards

COVID Pandemic Effect

- Much lower participation last year
- Under 100 Science Fair Award reports were received

Current Season

- Predominately electronically (online submission) and some by email

USMA Science Fair Awards Program

Observations



Stand Out States

- **Largest number of metric awards:** Florida, Colorado, Maryland, North Dakota, and South Dakota
- California - Report many awards, but still not in proportion to state population
- North Dakota - Individual students send thank you notes; even when the fair itself did not send a Science Fair Award report of students

Ideas?

- Looking for more ways to create more interest in Science Fair Award Program
- Increase USMA members and metric advocates involved in this ongoing project!

USMA Science Fair Awards Program

Personal Experience as Science Fair Judge



- Local Science Fairs may provide any additional awards as they see fit
- **1985 to 2008:** I judged Illinois Junior Academy of Science (Champaign, IL) + Chicago Board of Education fairs
- **\$50.00 savings bond awards** to (2) high school students and (2) middle school students doing the best job of using SI units. Also distributed pens, refrigerator magnets, and 20 cm rulers when speaking with students and judging exhibits
- Personal Investment: **\$100.00 per Science Fair** (but it's not required)
- **Science Fair Judging is a great opportunity to:**
 - Interact with young people
 - Get their feelings on metrication
 - Promote metric (SI) literacy



Award Certificate Example



Presents this award to



For the best use of
The International System of Units
at the

Science Fair

Presented this _____ day of _____ 20____

Donald W. Hillger

Don Hillger
USMA President

Mark Henschel

Mark Henschel
USMA Science Fair Coordinator

<https://usma.org>



USMA Science Fair Awards Program

- Most awards are judged outside of USMA
- Need Science Fair judges!
- **Volunteer** - Find an affiliated Science Fair!

USMA Resources:

- Science Fair Judging Guide
- How to Break Ties

