

2019 Southwest Energy Arkansas Science and Engineering Fair Awards Ceremony Script

Dr. Mark Bland-Welcome

Junior Academy of Sciences will present their awards first.

The University of Arkansas Division of Agriculture will present the AR Soybean Challenge

Every attempt has been made to ensure the accuracy of the awards given to students. However, because of the volume of awards and the time frame that the awards committee has to work with, errors -- while unlikely -- may occur. If errors in awards are discovered, appropriate adjustments will be made after the fair.

First Place Prizes: \$300, Second Place Prizes: \$200, Third Place Prizes: \$100, Honorable Mention Winners: Certificate

HONORABLE MENTIONS: CERTIFICATES

Place	Category	First Name	Last Name	School
Honorable Mention	Animal Sciences	Clayton	McEntire	Waldron HS
Honorable Mention	Behavioral & Social Science	Madelynn	Hickey	ASMSA
Honorable Mention	Behavioral & Social Science	Clara	Mitchell	Parkview
Honorable Mention	Behavioral & Social Science	Jon	Rowe	ASMSA
Honorable Mention (Team Project)	Behavioral & Social Science	Charity	Courtney	Lakeside Jr. High
Honorable Mention (Team)	Behavioral & Social Science	Presley	Martin	Lakeside Jr. High

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Project)				
Honorable Mention (Team Project)	Behavioral & Social Science	Yvonne	Rodriguez	Lakeside Jr. High
Honorable Mention	Biochemistry	Nathan	Gibson	Alma
Honorable Mention	Biochemistry	Kristina	Sawyer	Lakeside Junior High
Honorable Mention	Cellular & Molecular Biology	Ira	Roudachevski	LRCHS
Honorable Mention	Cellular & Molecular Biology	Ethan	Scrivner	Alma HS
Honorable Mention	Chemistry	Chris	Caesars	Glen Rose HS
Honorable Mention	Chemistry	Aubrey	James	Alma HS
Honorable Mention	Computer Science	Haven	Whitney	ASMSA
Honorable Mention	Earth and Planetary Science	Chesnee	Ellifrits	Alma
Honorable Mention	Energy and Transport	Austin	Cluck	Alma HS
Honorable Mention	Engineering: Electrical and Mechanical	Ben	Anderson	Parkview
Honorable Mention	Engineering: Electrical and Mechanical	Landon	Runion-Driskel	LRCHS

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Honorable Mention	Engineering: Electrical and Mechanical	Lily	Parson	LRCHS
Honorable Mention	Engineering: Electrical and Mechanical	Caroline	Henson	LRCHS
Honorable Mention	Engineering: Materials and Bioengineering	Jasmine	Defresne	Alma
Honorable Mention	Engineering: Materials and Bioengineering	Liam	Hunt	ASMSA
Honorable Mention	Engineering: Materials and Bioengineering	Joseph	Park	LRCHS
Honorable Mention	Engineering: Materials and Bioengineering	Jahnavi	Patel	LRCHS
Honorable Mention	Environmental Management	Logan	White	Lakeside Jr. High School
Honorable Mention	Environmental Management	Alfonso	Flores	Parkview HS
Honorable Mention	Environmental Management	Martin	Dyer	Alma HS
Honorable Mention	Environmental Management	Terrance	Meinardus	Alma HS
Honorable Mention	Environmental Sciences	London	Blackwell	Alma HS
Honorable Mention	Environmental Sciences	Blake	Jones	Brookland HS
Honorable Mention	Environmental Sciences	Allison	Tullis	Pulaski Academy

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Honorable Mention	Environmental Sciences	Brooke	White	Pine Bluff HS
Honorable Mention	Mathematics	Saitej	Mummadi	LRCHS
Honorable Mention	Mathematics	Seth	Cole	Alma HS
Honorable Mention	Medicine & Health	Daniel	Ahmadi	Pulaski Academy
Honorable Mention	Medicine & Health	Alex	Borengasser	LRCHS
Honorable Mention	Medicine & Health	Haarika	Ayyadevara	LRCHS
Honorable Mention	Microbiology	Jackson	Ring	Brookland HS
Honorable Mention	Microbiology	Minola	Lee	ASMSA
Honorable Mention (Team)	Microbiology	Emily	Smith	ASMSA
Honorable Mention (Team)	Microbiology	Blake	Williams	Alma HS
Honorable Mention	Physics & Astronomy	Blake	Jefferson	ASMSA
Honorable Mention	Physics & Astronomy	Micah	Vess	ASMSA
Honorable Mention	Physics & Astronomy	Bryzen	Kimes	Alma

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Honorable Mention	Plant Sciences	Cady	Bowerman	Fayetteville Christian
Honorable Mention	Plant Sciences	Justin	Manis	Riverside HS

THIRD PLACE: \$100

Place	Category	First Name	Last Name	School
3rd Place	Animal Science	Hazel	Disney-McKeethen	ASMSA
3rd Place	Behavioral & Social Science	Rojon	Barnett	Parkview HS
3rd Place	Biochemistry	Paige	Henson	Alma
3rd Place	Cellular & Molecular Biology	Landan	Stuard	ASMSA
3rd Place	Chemistry	Riley	Montague	Pulaski Academy
3rd Place	Computer Science	Lucas	Hayes	Alma HS
3rd Place	Earth and Planetary Science	Howard	Orlina	ASMSA
3rd Place	Energy and Transport	Zachary	McCoy	Alma HS
3rd Place	Engineering: Electrical and Mechanical	William	Rigsby	ASMSA
3rd Place	Engineering: Materials and Bioengineering	Luke	Stouffer	ASMSA
3rd Place	Environmental Management	Kesav	Chandrasekhar	LRCHS
3rd Place	Environmental Sciences	Ryan	Morris	Alma HS

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3rd Place	Mathematics	Scott	Harris	LRCHS
3rd Place	Medicine & Health	Kelby	Willhite	Alma
3rd Place	Microbiology	Hayden	Allen	Alma
3rd Place	Physics & Astronomy	Sarah	Ledbetter	Stuttgart
3rd Place	Plant Sciences	Kendele	Kramer	ASMSA

SECOND PLACE: \$200

Place	Category	First Name	Last Name	School
2nd Place	Animal Science	Celia	Patterson	LRCHS
2nd Place	Behavioral & Social Science	Kathleen	Jackson	LRCHS
2nd Place	Biochemistry	Robin	Eluvathingal	LRCHS
2nd Place	Cellular & Molecular Biology	Ly	Hoang	ASMSA
2nd Place	Chemistry	Mir	Shah	LRCHS
2nd Place	Computer Science	Toby	Ebarb	ASMSA
2nd Place	Earth and Planetary Science	Luke	Nester	ASMSA
2nd Place	Engineering: Electrical and Mechanical	Worthy	Fleming	ASMSA
2nd Place	Engineering: Materials and Bioengineering	Sam	Jones	Providence Academy
2nd Place	Energy and Transport	Adam	Carlson	Alma HS
2nd Place	Environmental Management	Ishan	Pandey	LRCHS

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2nd Place	Environmental Sciences	Han	Siew	LRCHS
2nd Place	Mathematics	Christian	Kasten	LRCHS
2nd Place (Team Project)	Medicine & Health	Alexx	Weaver	ASMSA
2nd Place (Team Project)	Medicine & Health	Sophia	McLain	ASMSA
2nd Place (Team Project)	Microbiology	Blaine	Martin	ASMSA
2nd Place (Team Project)	Microbiology	Solomon	Ni	ASMSA
2nd Place	Physics & Astronomy	Brandon	Norman	ASMSA
2nd Place	Plant Sciences	Helen	Hua	Parkview

FIRST PLACE WINNERS: \$300

Place	Category	First Name	Last Name	School
1st Place	Animal Science	Virginia	Halterman	ASMSA
1st Place	Behavioral & Social Science	Heidi	Tandioni	LRCHS
1st Place	Biochemistry	Akshay	Padala	LRCHS
1st Place	Cellular & Molecular Biology	Sakshi	Garg	LRCHS
1st Place	Chemistry	Venkata	Mudunuri	LRCHS
1st Place	Computer Science	Akshat	Shah	LRCHS
1st Place	Earth and Planetary	Molly	Reeves	Alma

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	Science			
1st Place (Team Project)	Engineering: Electrical and Mechanical	Alexandria	Mooney	ASMSA
1st Place (Team Project)	Engineering: Electrical and Mechanical	Isabel	Vasquez	ASMSA
1st Place	Engineering: Materials and Bioengineering	Rocky	Lowenthal	Pulaski Academy
1st Place	Energy and Transport	Amna	Khan	LRCHS
1st Place	Environmental Management	Ethan	Talley	ASMSA
1st Place	Environmental Sciences	Daniel	Cheng	LRCHS
1st Place	Mathematics	Sarah	Balenko	ASMSA
1st Place	Medicine & Health	Alekhya	Pidugu	LRCHS
1st Place	Microbiology	Zane	Alsebai	LRCHS
1st Place	Physics & Astronomy	Nathaniel	Hibbard	LISA
1st Place	Plant Sciences	Emily	Sookaserm	ASMSA

SPECIAL AWARDS

Award Organization	Award is:	Description:	Awarded To:	School
Arkansas Soybean Challenge (Diedre Young will present)	\$1,000	Project dealing with issues in Arkansas Soybean agriculture	Natalie Blake	Star City High School

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Arkansas Department of Environmental Quality (ADE QUEST)	Certificate and \$1000 to be split between the winner and their school	For an outstanding project related to the environment from a regional overall winner who will be attending ISEF	Anusha Bhattacharrya	LRCHS
American Meteorological Association	One Certificate	Project in Oceanic, Atmospheric or Hydrological Science (Possible categories of Earth and Planetary, Environmental Science, Environmental Management, Physics) [No Rubric]	Virginia Halterman	ASMSA
American Psychological Association	One Certificate	Project related to psychology (Possible categories of Behavior and Social, Animal, Medicine and Health) [Rubric Provided]	Alekhya Pidugu	LRCHS
Arkansas Engineering-Aerospace Engineering	One Certificate	Project related to aerospace engineering	Ben Anderson	Parkview High School
Arkansas Environmental Education Association	\$50 Gift Certificate	Project that promotes environmental literacy in Arkansas	Anusha Bhattacharyya	LRCHS
Arkansas Fisheries	One Plaque and Certificates, first and honorable mention, as well as teacher of top winner	Judged by Fisheries representative	Rachel Stall Austin Murray	ASMSA Brookland High School

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ASM Materials Education Foundation	One Certificate	Top project related to materials engineering (Possible category of Engineering: Materials and Bioengineering)	Isabel Vasquez Alexandria Mooney	ASMSA
Association for Women Geoscientists	One Certificate	Top project by female student in a project related to geoscience (Possible categories of Earth and Planetary, Environmental Science, Environmental Management)	Rachel Stall	ASMSA
Acxiom Award	Certificate, \$100 for winners	Project related to computer science	Haven Whitney Toby Ebarb(HM) Akshat Shah(HM)	ASMSA ASMSA LRCHS
Conway Ecofest Award	Certificate, \$50 award	The Conway EcoFest Award is a \$50 prize to the project that best displays the enthusiasm for innovation, sustainability, and conservation that EcoFest represents	Hazel Disney-McKeethe	ASMSA
Computer Science Teachers Association Award	\$100 for first place, \$75 for second place	For the outstanding projects in computer science	Akshat Shah Tony Ebarb	LRCHS ASMSA

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Edmond E. Griffin Award	\$100, Certificate and name on plaque	Project that demonstrates creativity in the life sciences	Mary Jia	ASMSA
Intel Excellence in Computer Science	One Certificate and \$200	1st place project in Computer Science	Akshat Shah	LRCHS
Mark Welch Excellence in Animal Science Research Award	One Certificate	1st place project in Animal Science	Virginia Halterman	ASMSA
Mu Alpha Theta	One Certificate	1st place project in Mathematics	Sarah Balenko	ASMSA
NASA EARTH System Science Award	One Certificate	Outstanding project in Earth System Science	Luke Nester	ASMSA
National Oceanic and Atmospheric Administration	One Certificate and Medallion	Top project related to Ecosystems, climate, weather and transportation (Categories of Environmental, physics, earth and planetary, Energy and Transportation, Engineering)	Shelby Eaton and Abby Gardner Olivia Van Deventer	Brookland High School LRCHS
Office of Naval Research	Five award packets: certificate, medallion, and a \$75 gift card	1st place projects in Engineering (Materials & Bio), Energy and Transportation, Medicine and Health, Chemistry, Environmental Science	Rocky Lowenthal Amna Khan Alekhya Pidugu Venkata Mudunuri Daniel Cheng	Pulaski Academy LRCHS LRCHS LRCHS LRCHS
Pepperman - Albert Memorial Award	\$50 Gift Card	Project related to Cancer Research	Daniel Ahmadi	Pulaski Academy

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Ricoh Americas Corporation	One Certificate	Project in environmental sustainability (Possible categories of Environmental, physics, earth and planetary, Energy and Transportation, Engineering) [Rubric Provided]	Amna Khan William Rigsby Ishan Pandey Landon Runion-Driskel	Little Rock Central High School ASMSA LRCHS LRCHS
Society for In Vitro Biology	One certificate	Top project in In Vitro Biology to an 11th grade student (Possible categories of Medicine and Health, Biochemistry, Microbiology, Cellular and Molecular Biology, Animal)	Jahnvi Patel	LRCHS
Society for Neuroscience, Arkansas Chapter	\$100 and certificate for the recipient	Award for the most outstanding project in neuroscience	Akshay Padala	LRCHS
Society for Science and The Public Community Innovation Award	Award Trophy and \$500	Award for a project that better humanity and improve conditions in the local community	Roderick Moore	Pulaski Academy
Stockholm Junior Water Prize	Certificates and an invitation to compete for the State Stockholm Junior Water Prize contest	Top water-related projects (Possible categories of Environmental, Engineering, earth and planetary, Chemistry)	Callen Gast	ASMSA

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Prince Award by the UCA Physics department award	\$100 and certificate	1st place Project that demonstrates excellent use of physics	Nathaniel Hibbard	LISA Academy
<i>U.S. Air Force</i>	<i>Certificates, backpacks and prizes</i>	<i>1st place projects in Engineering (Electrical/Mechanical), Physics, Mathematics, Computer Science</i>	Worthy Fleming Nathaniel Hibbard Sarah Balenko Akshat Shah	ASMSA LISA Academy ASMSA LRCHS
U.S. Metric Association	One certificate	Top project utilizing metric units [Metric Cheat Sheet and Guidelines Provided]	Zane Alsebai	LRCHS
Yale Science and Engineering Association	One certificate, formal certificate and medallion mailed after	1st place 11th grade project in the areas of computer science, engineering, physics or chemistry	Natalie Friede	The New School
<i>T-shirt Design Winner</i>			Alekhya Pidugu Amna Khan	LRCHS LRCHS
Arkansas Environmental Federation	Sponsor for our finalists to ISEF: \$100 to 1st place student, \$50 for second place student, \$75 each for their teachers, \$100 for fair director			

Southwestern Energy Teacher Appreciation Award, awarded to a (up-and-coming)/new supporter of State Science Fair \$100-

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2019: Ty Pitcock, Rural Special High School
2018: Tracy To, Little Rock Central High School
2017: Nick Seward, ASMSA
2016 Gary Ford, Cedar Ridge HS and
2015: Rebekah DiGiacomo, Lonoke High School
2014: Roger Rose & David Good, Alpena High School
2013: Deirdre Young

**Dennis Thurman Teacher Appreciation Award, awarded to a senior teacher who has been a long supporter of State Science Fair
\$100-**

2019: Tiffany Scrivner and Brian Curd - Alma
2018: Katie Parson, Pulaski Academy
2017: Dr. Brian Monson, ASMSA
2016: Annice Steadman, Pulaski Academy
2015: Melissa Donham, LR Central High School
2014: Bill Rosser, Fayetteville High School

**ROBERT T. KIRKWOOD & JUDITH BEAN MEMORIAL AWARD- Awarded to an individual whose service is invaluable to the
Arkansas Science and Engineering Fair.**
Award: Plaque and \$100 check

2019: Keith Harris, UALR
2018: Dayna Bilderback, UCA/Leigh Ann DenHartog, UCA
2017: Dr. Jane Meadows, retired from Hall High School
2016: Dr. Ben Rowley, UCA
2015: Prof. Steve Karafit, UCA
2014: Patrick Foley, Little Rock Central High School

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2013: Jerry Mimms, UCA
2012: Jillian Arbogast, UCA
2011: Kristie Hicks, UCA
2010: Bob Wolfe, Alma High School
2009: Mark Welch, Alpena
2008: Jack Gaiser, UCA
2007: Rosemary Blassingame, Alma Middle School
2006: Mike Rapp, UCA
2005: Scott Ausbrooks, Harmony Grove
**2004: Vicky Reid, UCA Phys Dept and
Darnelle Ausbrooks, White Hall High**
2003: Melissa Donham, Little Rock Central High
2002: Jane Meadows, Hall High School
2001: Janet Jackson, Sheridan, AR
2000: Richard Gill, Whitehall H.S.
1999: Dennis Thurman, Drew Central H.S.
1998: Dennis Miller, Camden-Fairview H.S.
1997: Pat Bradley, Veterinarian
1996: Margie Snider, NLR - East H.S.
1995: Amy Wilson, Ark. Environmental Fed.
1994: Mary Frances Harper, Lakeside H.S.
1993: Kathy Lister, NLR - East H.S.
1992: Fred Dalske, UCA Dept. of Biology
1991: Paul Krause, UCA Dept. of Chemistry

RECOGNITION OF REGIONAL ISEF FINALISTS

Students are to come forward and remain near the front as the remaining ISEF State Finalists & "Best in State" winners are

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announced. These students will be attending the week-long Intel International Science & Engineering Fair in Phoenix Arizona. These ISEF finalists will receive trading pins and an Arkansas Science Fair T-shirt.

Central Region (University of Arkansas at Little Rock), Keith Harris, Director

Individual Finalists:

Hetvi Shah
Sreelakshmi Raghav
Surabhee Eswaran
Deniz Erdag
Anusha Bhattacharyya

North East Region (Jonesboro - Ark. State Univ.), Dr. Tillman Kennon, Director

Individual finalists:

Austin Murray
Cooper Bassham
Chase Himschoot

North West Region (Fayetteville - Univ. of Arkansas), Lynne Hehr, Director

Individual Finalists:

Alice Cai
Kaushik Sampath
Austin Brown

South East Region (Univ. of Ark. at Monticello), Jeff Taylor, Director

Individual Finalists:

Nikita Rohila

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Ouachita Mountains (Hot Springs, Mid America Museum) Vernard Henley, Director

Individual Finalists:

**Madison Yarbrough
Chase Hartsell**

ASMSA/West Central Region (Hot Springs - ASMS), Dr. Brian Monson, Director

Individual Finalists:

**Mary Jia
Rachel Stall
Callen Gast**

ISEF Finalists from the Arkansas State Science & Engineering Fair Awards:

Sixth Place- Sakshi Garg, Little Rock Central High School

Fifth Place (team project)- Alexandria Mooney & Isabel Vasquez, ASMSA

Fourth Place- Zane Aisebai, Little Rock Central High School

Third Place- Amna Khan, Little Rock Central High School

Second Place- Akshay Padala, Little Rock Central High School

First Place- Akshat Shah, Little Rock Central High School

BEST IN STATE INDIVIDUAL AWARDS - Each student receives a certificate, cash award, and first place winner gets their name engraved on a traveling plaque which will stay at their school this year. These awards are chosen from all the category

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competitors and the competitors in the “ISEF Finalists” category.

Fourth Place (\$200): Madison Yarbrough, Poyen High School

Third Place (\$300): Akshat Shah, Little Rock Central High School

Second Place (\$400): Anusha Bhattacharyya, Little Rock Central High School

First Place “George Scheffer Best In State Award” (\$500): Mary Jia, ASMSA

[Acknowledge and applaud the ISEF finalists from the Regions and State—this is the AR Delegation to ISEF. Then these kids can go sit down.]

School Trophies –these trophies are determined by the number of points each school accumulated based on their place award winners divided by the total number of projects entered in the fair from the database of entries. To be eligible for these trophies, the schools that had the median number of projects entered in the fair (or higher) were considered. Those that did not meet the median number of entries are encouraged to bring more students to next year’s fair.

School name plates and trophy toppers will be mailed to schools later.

5th place: Alma High School

4th place: Parkview High School

3rd place: Pulaski Academy

2nd place: Little Rock Central High School

1st place: ASMSA

School packets are available for one teacher from each school to pick up at the awards' table. In each packet will be the judges' score sheets. The script of the awards ceremony will be posted on the Arkansas Science and Engineering Fair website.

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In addition, students are asked to send "Thank you" notes to the contributors to the fair and sponsors of the awards you received. Instructions regarding to whom to address your note, as well as the mailing address for the sponsor, were included with your award certificate. Please take the time to write your "thank you notes" so that we can continue to have the support of these organizations, and so that they can know who won their award and congratulate you individually.

All ISEF FINALISTS received their trading pins for this year's International Science and Engineering Fair at the awards ceremony. Don't forget to pack those for the trip *in your checked baggage (not your carry on bag)*! Pin trading is a tradition among the states and countries attending ISEF and the pin trading party is a great way to meet your fellow finalists from around the world!

Thank you all for a great 2019 Southwestern Energy Science and Engineering Fair!