



# 2015 AzSEF Award Winners

CUSD excelled at the Arizona Science and Engineering Fair (AzSEF) 72 students earned 106 awards.

Also, notably **Hamilton High School** was named the Outstanding Senior High Division School of the Year for the second year in a row. Furthermore, 11 CUSD high school students qualified for the International Science and Engineering Fair (ISEF) in May. The Arizona Science and Engineering Fair is able to send 15 projects on to ISEF. This year, nine of the 15 projects advancing to ISEF are from CUSD. ISEF is the premier global science competition with approximately 1,600 high school students from 70 countries showcasing their talent.

## Elementary Division Third Place Awards

<b><u>Chemistry:</u></b> Carson Miller <i>Navarrete Elementary</i>	<b><u>Environmental Sciences:</u></b> Nathan Anderson <i>Navarrete Elementary</i>	<b><u>Plant Sciences:</u></b> Taylor McHone and Christina Jepsen <i>Navarrete Elementary</i>
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## Elementary Division Second Place Awards

<b><u>Mathematical Sciences:</u></b> Rachel Holdren and Morgan Applegate <i>Knox Gifted Academy</i>
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## Junior Division Third Place Awards

<b><u>Animal Sciences:</u></b> Loralli Johnson <i>ACP-Oakland</i>	<b><u>Chemistry:</u></b> Iris Kang <i>Santan Junior High</i>	<b><u>Engineering:</u></b> Mya Dang <i>ACP-Oakland</i>
<b><u>Behavioral &amp; Social Sciences:</u></b> Megan Prouty <i>Payne Junior High</i>	Tiffany Ticlo <i>ACP-Oakland</i>	<b><u>Mathematical Sciences:</u></b> Ian Brown and Bryson Unkrich <i>Bogle Junior High</i>
Isha Paode <i>Willis Junior High</i>	Holden Brotherson <i>Payne Junior High</i>	<b><u>Physics and Astronomy:</u></b> Cassandra Smith <i>ACP-Oakland</i>
<b><u>Cellular &amp; Molecular Biology:</u></b> Hailey Palmer <i>ACP – Oakland</i>	<b><u>Earth &amp; Planetary Science:</u></b> Patrick Stapleton <i>Willis Junior High</i>	<b><u>Plant Sciences:</u></b> Enya Spanings <i>ACP-Oakland</i>

## Junior Division Second Place Awards

<p><b><u>Animal Sciences:</u></b> Hayden Cristofano <i>ACP - Erie</i></p> <p>Annaka Gouge-Smith <i>ACP - Erie</i></p> <p><b><u>Behavioral &amp; Social Sciences:</u></b> Collin Hansen <i>ACP-Erie</i></p>	<p><b><u>Computer Science:</u></b> Maxime Brault <i>ACP-Erie</i></p> <p><b><u>Environmental Sciences:</u></b> Anish Agarwal, Anna McCarson, Gavin Vogt <i>Bogle Junior High</i></p>	<p><b><u>Medicine and Health Sciences:</u></b> Jacob Gardner <i>Santan Junior High</i></p> <p><b><u>Physics &amp; Astronomy:</u></b> Joseph Jaso <i>ACP-Erie</i></p>
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## Junior Division First Place Awards

<p><b><u>Computer Science:</u></b> Aidan Neill <i>Payne Junior High</i></p>	<p><b><u>Medicine &amp; Health Sciences:</u></b> Aarjav Pandya <i>Payne Junior High</i></p>	<p><b><u>Physics &amp; Astronomy:</u></b> Ryan Cvijanovich <i>Willis Junior High</i></p>
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## Senior Division Third Place Awards

<p><b><u>Animal Sciences:</u></b> Connor Brigola and Evan Bushey <i>Hamilton High</i></p> <p><b><u>Cellular and Molecular Biology:</u></b> Shiv Shah <i>Hamilton High</i></p> <p>Emily Galloway and Alisha Joshi <i>Hamilton High</i></p>	<p><b><u>Mathematics:</u></b> Kyle Berke and Ashwin Krishnadoss <i>Hamilton High</i></p> <p><b><u>Microbiology:</u></b> Ruchi Banerjee and Reeti Banerjee <i>Basha High</i></p>	<p><b><u>Physics and Astronomy:</u></b> Alice Gong <i>Hamilton High</i></p>
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## Senior Division Second Place Awards

<p><b><u>Animal Sciences:</u></b> Farin Shiehzadegan <i>Chandler High</i></p> <p><b><u>Behavioral and Social Sciences:</u></b> Jose Fuentes <i>Basha High</i></p> <p><b><u>Cellular and Molecular Biology:</u></b> Meghna Jayaraman, Roanne Atrero and Henry Chong <i>Basha High</i></p>	<p><b><u>Chemistry:</u></b> Elizabeth Jocque <i>Perry High</i></p> <p><b><u>Computational Biology and Bioinformatics:</u></b> Malhar Patel <i>Hamilton High School</i></p> <p>Akshata Rudrapatna <i>Hamilton High School</i></p> <p><b><u>Environmental Engineering:</u></b> Farah Eltohamy <i>ACP-Erie</i></p>	<p><b><u>Mathematics:</u></b> Fiona Zhang <i>Hamilton High</i></p> <p><b><u>Robotics and Intelligent Machines:</u></b> Anay Gupta <i>Hamilton High</i></p> <p><b><u>Systems Software:</u></b> Rahul Ramesh <i>Hamilton High</i></p>
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## Senior Division First Place Awards

<p><b><u>Behavioral &amp; Social Sciences:</u></b> Meilin Zhu and Drishti Panse <i>Hamilton High</i></p> <p><b><u>Biomedical and Health Sciences:</u></b> Samantha Bouchal <i>Basha High</i></p> <p><b><u>Earth &amp; Environmental Sciences:</u></b> Hal Carrigan <i>Basha High</i></p>	<p><b><u>Embedded Systems:</u></b> Mani Kandan <i>Hamilton High</i></p> <p><b><u>Energy: Chemical:</u></b> Kaitlyn and McKenna Loop <i>ACP-Erie</i></p> <p><b><u>Environmental Engineering:</u></b> Kaveri Das and Lisa Zou <i>Hamilton High</i></p>	<p><b><u>Microbiology:</u></b> Rebecca Jernigan <i>Hamilton High</i></p> <p>Aryasp Nejat <i>Hamilton High</i></p> <p><b><u>Plant Sciences:</u></b> Ritika Bharati <i>Hamilton High</i></p> <p><b><u>Robotics and Intelligent Machines:</u></b> Dhruv Iyer <i>Hamilton High</i></p>
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## Special Awards

### Best of Fair: Senior Division

Samantha Bouchal <i>Basha High</i>	Kaitlyn and McKenna Loop <i>ACP-Erie</i>	Rebecca Jernigan <i>Hamilton High</i>
Hal Carrigan <i>Basha High</i>	Kaveri Das and Lisa Zou <i>Hamilton High</i>	Aryasp Nejat <i>Hamilton High</i>
Mani Kandan <i>Hamilton High</i>	Farah Eltohamy <i>ACP-Erie</i>	Ritika Bharati <i>Hamilton High</i>

### BroadcomMASTERS – (Junior High)

Hayden Cristofano <i>ACP-Erie</i>	Aidan Neill <i>Payne Junior High</i>	Aarjav Pandya <i>Payne Junior High</i>
Annaka Gouge-Smith <i>ACP - Erie</i>	Anish Agarwal, Anna McCarson, Gavin Vogt <i>Bogle Junior High</i>	Joseph Jaso <i>ACP-Erie</i>
Collin Hansen <i>ACP-Erie</i>	Jacob Gardner <i>Santan Junior High</i>	Ryan Cvijanovich <i>Willis Junior High</i>
Maxime Brault <i>ACP-Erie</i>		

## School Awards

Outstanding Senior High Division School Award ***Hamilton High School***

***The “Best of Fair” winners will compete in the International Science and Engineering Fair in May. The “BroadcomMasters” (junior high division) will compete in the international competition in the fall.***

# Other Awards

<p><b>American Psychological Association: Achievement in Research in Psychological Science</b> Jose Fuentes <i>Basha High</i></p> <p>Meilin Zhu and Drishti Panse <i>Hamilton High</i></p> <p><b>Arizona Hydrological Society: 1st Place Junior Division</b> Patrick Stapleton <i>Willis Junior High</i></p> <p><b>Arizona Hydrological Society: 1st place Senior Division</b> Hal Carrigan <i>Basha High</i></p> <p><b>Association for Women Geoscientists: Award for Excellence in Geoscience</b> Alexandra Wilhelm <i>Willis Junior High</i></p> <p><b>Association for Women in Science: Outstanding Female Scientist</b> Alice Gong <i>Hamilton High</i></p> <p><b>ASU Innovation and Entrepreneurship Award</b> Hal Carrigan <i>Basha High</i></p> <p>Ritika Bharati <i>Hamilton High</i></p> <p><b>ASU Walton Sustainability Solutions Award</b> Fiona Zhang <i>Hamilton High</i></p>	<p><b>Intel Excellence in Computer Science Award</b> Mani Kandan <i>Hamilton High</i></p> <p>Dhruv Iyer <i>Hamilton High</i></p> <p>Rahul Ramesh <i>Hamilton High</i></p> <p><b>Mu Alpha Theta Award</b> Fiona Zhang <i>Hamilton High</i></p> <p><b>NAU: Most Outstanding Exhibit in Science, Technology, Engineering and Math</b> Hal Carrigan <i>Basha High</i></p> <p><b>Office of Naval Research: Naval Science Award</b> Joseph Jaso <i>ACP-Erie</i></p> <p>Ritika Bharati <i>Hamilton High</i></p> <p>Dhruv Iyer <i>Hamilton High</i></p> <p><b>Ricoh Corporation Sustainable Development Award</b> Hal Carrigan <i>Basha High</i></p> <p>Kaitlyn and McKenna Loop <i>ACP-Erie</i></p> <p>Kaveri Das and Lisa Zou <i>Hamilton High</i></p> <p><b>Society for In Vitro Biology Award</b> Christine Walsh and Hailee Baker <i>Hamilton High</i></p> <p><b>Southwest Gas: Award for Innovation and Scientific Excellence</b> Kaitlyn and McKenna Loop <i>ACP-Erie</i></p>	<p><b>TGen: Excellence in Biomedical Research Award</b> Emily Galloway and Alisha Joshi <i>Hamilton High</i></p> <p>Akshata Rudrapatna <i>Hamilton High School</i></p> <p><b>U of A: Top Senior Project</b> Hal Carrigan <i>Basha High</i></p> <p>Kaitlyn and McKenna Loop <i>ACP-Erie</i></p> <p>Kaveri Das and Lisa Zou <i>Hamilton High</i></p> <p>Rebecca Jernigan <i>Hamilton High</i></p> <p>Ritika Bharati <i>Hamilton High</i></p> <p><b>U.S. Air Force Award of Achievement</b> Alec Smith and Elliot Smith <i>Hamilton High</i></p> <p>Dhruv Iyer <i>Hamilton High</i></p> <p><b>U.S. Metric Association: Best use of Metrics in Research</b> Ethan Earl <i>Payne Junior High</i></p> <p>Ian Brown and Bryson Unkrich <i>Bogle Junior High</i></p> <p><b>U.S. Public Health Service: Office of the US Surgeon General Special Science Award</b> Meilin Zhu and Drishti Panse <i>Hamilton High</i></p> <p><b>Yale Science and Engineering Association Award</b> Ethan Wutrich <i>Basha High</i></p>
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