

2021 Capital Area Science and Engineering Fair

Senior Division Special Awards

| <u>Award</u> | | <u>Student</u> | <u>School</u> |
|--|-----------------------|---|-----------------------------|
| American Chemical Society, South Eastern PA | 1 st Place | Shivani Venkatash | Cumberland Valley HS |
| | 2 nd Place | Allison Weller | Hershey HS |
| | 3 rd Place | Prathum Arikeri | Cumberland Valley HS |
| | Honorable Mention | Ryan Choi | Mercersburg Academy |
| American Institute of Chemical Engineers, Susquehanna Chapter | Chemistry | Shivani Venkatash | Cumberland Valley HS |
| | Environmental Science | Elizabeth Aichele | Cumberland Valley HS |
| American Association of Highway Engineers – Harrisburg Section | 1 st Place | Samuel Haas | Camp Hill HS |
| | 2 nd Place | Michael Singley | Susquenita HS |
| Appalachian Audubon Society Award for projects that support the habitat of native bird species | | Samuel Koda | Hershey HS |
| BELCO Community Credit Union Award for exceptional project in Engineering, Environmental, or Earth Science | | Allison Weller | Hershey HS |
| Young Explorers | | Alexander Petula | Hershey HS |
| | | Neha Shukla | Cumberland Valley |
| | | Nathanial Houck | Harrisburg Christian School |
| Conodoguinet Creek Watershed Association | 1 st Place | Varnika Udhayakumar | Cumberland Valley |
| | Honorable Mention | Allison Weller | Hershey HS |
| Dauphin County Conservation District Award for projects in environmental studies or related fields | | Samuel Koda | Hershey HS |
| | | Gretta Moore | Susquenita HS |
| Dauphin County Medical Society Alliance Award for outstanding project in Medicine and Health. | | Rik Bhattacharyya | State College Area HS |
| Farzin Charitable Fund of PA Bright Mind Award or outstanding projects in medical and health category | 1 st Place | Dev Lochan | Cumberland Valley HS |
| | 2 nd Place | Hanah Miller | Trinity HS |
| | Honorable Mention | Doron Yospa | Middletown Area HS |
| Harrisburg University of Science And Technology Scholarships | | All 11 th & 12 th graders | |
| Highmark Medical Careers Award | | Hanna Farzin | Bishop McDevitt HS |
| | | Hanah Miller | Trinity High School |
| JLG Industries Award for outstanding engineering project | | Harrison Mooney | Camp Hill HS |
| IEEE - Susquehanna Section, Institute of Electrical & Electronic Engineers Award for an outstanding engineering or mathematics project | | Dev Lochan | Cumberland Valley HS |
| Office of Naval Research – Us Navy And Marine Corps | | Prathum Arikeri | Cumberland Valley HS |
| | | Allison Weller | Hershey HS |
| Us Air Force | | Samuel Hass | Camp Hill HS |
| | | Alexander Petula | Hershey HS |

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| Outstanding Biology Award | Samuel Koda | Hershey HS | |
| | Anna Lentz | Camp Hill HS | |
| Outstanding Botany Award | Isabella Mirarchi | Trinity HS | |
| PSEA Retired Teachers Award in support of STEM Education | 1 st Place | Claire Jin | State College Area HS |
| | Honorable Mention | Abigail True | Camp Hill HS |
| | | Mya Tobias | Halifax Area HS |
| | | Sophia Jezewski | Greenwood MS/HS |
| | | Marina Pugliese | Bishop McDevitt HS |
| Rotary Club of Harrisburg Ecology Award | Samuel Koda | Hershey HS | |
| Stephen F Spector Award | Alice Benavides | Camp Hill HS | |
| Thomas Michael McAuliffe Memorial Award | Shivani Venkatash | Cumberland Valley HS | |
| UGI Utilities, Inc. UGI Energy and Transportation Award | Michael Singley | Susquenita HS | |
| Women's Transportation Seminar, Central PA Chapter | Michael Singley | Susquenita HS | |
| Zoo America North American Wildlife Park ZooAmerica Conservation Award | Samuel Koda | Hershey HS | |
| American Meteorological Society Award | Prathum Arikeri | Cumberland Valley | |
| American Psychological Association Award | Audrey Arendt Brielle Siders | Harrisburg Christian School | |
| Association of Women Geoscientist | Elizabeth Aichele | Cumberland Valley HS | |
| Mu Alpha Theta Award for use of problem-solving mathematics | Theresa Heil | Immaculata Home School Academy | |
| NASA EARTH System Science Award | Della Hawkins | Camp Hill HS | |
| Society for In Vitro Biology | Alexander Seman | Harrisburg Academy | |
| Stockholm Junior Water Prize Award for top water-related projects | Shivani Venkaesh | Cumberland Valley HS | |
| | Mary Goodhart | Bishop McDevitt HS | |
| Us Metric Association | Samuel Haas | Camp Hill HS | |
| Yale Science And Engineering Association Award for outstanding project in computer science, engineering, physics, or chemistry | Lisa Wang | Hershey HS | |

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| CASEF Category Awards for the top category projects sponsored by the Donald B. and Dorothy L. Stabler Foundation And Wolfram Programs For Science, Technology & Innovation Invitation to attend summer technology camp | Chemical Science | Elizabeth Aichele | Cumberland Valley HS | |
| | | Allison Weller | Hershey HS | |
| | Life Science | Madeline Galvin | Harrisburg Academy | |
| | | Samuel Koda | Hershey HS | |
| | Medicine and Health | Hanah Miller | Trinity HS | |
| | | Hanna Farzin | Bishop McDevitt HS | |
| | Physical Science | Alexander Petula | Hershey HS | |
| | | Vy Le | Cumberland Valley HS | |
| | Social and Behavioral | Abigail True | Camp Hill HS | |
| | | Matthew Lutkins | Camp Hill HS | |
| | Tech, Engineering, & Math | Aditya Kendre | Cumberland Valley HS | |
| | | Dev Lochan | Cumberland Valley HS | |
| | Senior Scholarships | 4 years of participation | Hanna Farzin | Bishop McDevitt HS |
| | | | Aditya Kendre | Cumberland Valley HS |
| Vy Le | | | Cumberland Valley HS | |
| Amanda Lee | | | Middletown Area HS | |
| Anna Long | | | Camp Hill HS | |
| Harrison Mooney | | | Camp Hill HS | |
| Gloria O'Neil | | | Trinity HS | |
| Allison Weller | | | Hershey HS | |
| 5 years of participation | | Abigail True | Camp Hill HS | |
| | | Samuel Haas | Camp Hill HS | |
| | | Audrey Edwards | Camp Hill HS | |
| | | Alan Everett | Greenwood MS/HS | |
| | | Matthew Lutkins | Camp Hill HS | |
| All 6 years of participation | | Hanah Miller | Trinity HS | |
| | | Praneeta Bandi | Harrisburg Academy | |
| | | Therese Heil | Immaculata Home School Academy | |
| | | Dev Lochan | Cumberland Valley HS | |
| 2021 CASEF Grand Champions | Finalist | Claire Jin | State College Area HS | |
| | Finalist | Neha Shukla | Cumberland Valley HS | |
| | Finalist | Lisa Wang | Hershey HS | |
| | Finalist | Elizabeth Aichele | Cumberland Valley HS | |
| | Grand Champion | Aditya Kendre | Cumberland Valley HS | |
| | Grand Champion | Dev Lochan | Cumberland Valley HS | |
| | Grand Champion | Samuel Koda | Hershey HS | |

Dr. Laura J Hummell Educator Award is presented to:
Jason Ambler