



TRI-STATE SCIENCE AND ENGINEERING FAIR



2018 Tri-State Science and Engineering Awards Report
March 8, 2018
University of Southern Indiana
Recreation, Fitness, and Wellness Center



GRAND AWARDS

Senior Grand Award Winner -1st Place	Ankush Dhawan	Radhika Dhawan	Signature School
Senior Grand Award Winner -2nd Place	Mackenzie Hunt	Patrick Carter	New Tech Institute
Senior Grand Award Winner -3rd Place	Akshaj Mishra	Lata Shukla	Signature School
Honorable Mention Winner - Senior Division	Kaelin Holm	Patrick Carter	New Tech Institute
Honorable Mention Winner - Senior Division	Nikhitha Lavu	Tracey Hayden	Signature School
Honorable Mention Winner - Senior Division	Audrey Walters	Patrick Carter	New Tech Institute
Honorable Mention Winner - Senior Division	Ella Paeth	Elisa Peters	Heritage Hills H.S.
Honorable Mention Winner - Senior Division	Braeden Fitzsimmons	Thomas Dahlquist	Castle High School
Honorable Mention Winner - Senior Division	Jade Yeager	Alison Rohde	South Spencer H.S.
Honorable Mention Winner - Senior Division	Beatrice DiRienzo	Patrick Carter	New Tech Institute
Junior Grand Award Winner -1st Place	Grace Kobylanski	Sara Killebrew	Castle North M.S.
Junior Grand Award Winner -2nd Place	Benjamin Schott	Sara Killebrew	Castle North M.S.
Junior Grand Award Winner -3rd Place	Caitleen Reyes	Sara Killebrew	Castle North M.S.
Honorable Mention Winner - Junior Division	Andreas Hargrave	Shannon Hart	Castle South M.S.
Honorable Mention Winner - Junior Division	Ammar Atia	Paul Perry	Castle North M.S.
Honorable Mention Winner - Junior Division	Jude Dahlquist	Thomas Dahlquist	Home School
Honorable Mention Winner - Junior Division	Kiersten Gogel & Liz Gehlhausen	Katie Dossett	Heritage Hills M.S.
Honorable Mention Winner - Junior Division	Julia Economou	Maura Humphrey	Castle North M.S.
Elementary Grand Award Winners	Katherine Fancher	Ed Fancher	Home School
Elementary Grand Award Winners	David Walling	Paige Walling	West Terrace E.S.



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Local and National Special Awards

American Chemical Society IN/KY Border Section Award- Senior Division
 American Chemical Society IN/KY Border Section Award - Junior Division
 ASU Walton Sustainability Solutions
 Walton Sustainability Solutions
 College Achievement Program (CAP) Award
 Dr. Cindy Deloney-Marino and Anthony Marino Award - Junior Division
 Dr. Cindy Deloney-Marino and Anthony Marino Award - Senior Division
 Dr. and Mrs. Jonathan S. Lowrey Award
 Dr. and Mrs. Jonathan S. Lowrey Award
 Kenneth E. Braun, DDS, Memorial Award – Junior Division
 Kenneth E. Braun, DDS, Memorial Award – Senior Division
 Purdue University School of Agriculture Award—Senior Division
 Purdue University School of Agriculture Award—Junior Division
 Purdue University School of Agriculture Award—Elementary Division
 University of Evansville Options Program Award
 University of Evansville Options Program Award
 GO STEM! Award
 GO STEM! Award
 Mesker Park Zoo and Botanic Garden Award
 Mesker Park Zoo and Botanic Garden Award
 Mesker Park Zoo and Botanic Garden Award
 Mesker Park Zoo and Botanic Garden Award
 USI Scholarship #1
 USI Scholarship #2
 USI Scholarship #3

Ankush Dhawan
 Audrey Spurling
 Ankush Dhawan
 Mackenzie Hunt
 Audrey Walters
 Elise Crecelius
 Rachel Winner
 Owen Odney
 Ella Paeth
 Reagan Koester
 Hannah Blake
 Kaleb Josey
 Caitleen Reyes
 Cameron Swader
 Grace Kobylanski
 Brandon Strouse
 Mackenzie Hunt
 Kaelin Holm
 Hannah Blake
 Kaden Wagner
 Audrey Troth
 Caitleen Reyes
 Brooklyn Lee
 Rachel Winner
 Hannah Blake

Radhika Dhawan
 Ashley Nanninga
 Radhika Dhawan
 Patrick Carter
 Patrick Carter
 Maura Humphrey
 Elisa Peters
 Valerie Cissna
 Elisa Peters
 Lisa Koester
 Elisa Peters
 Patrick Carter
 Sara Killebrew
 Pamela Swader
 Sara Killebrew
 Stacy Burkhart
 Patrick Carter
 Patrick Carter
 Elisa Peters
 Elizabeth Forche
 Pamela Swader
 Sara Killebrew
 Elisa Peters
 Elisa Peters
 Elisa Peters

Signature School
 Castle North M.S.
 Signature School/ASU
 New Tech Institute
 New Tech Institute
 Castle North M.S.
 Heritage Hills H.S.
 Thompkins M.S.
 Heritage Hills H.S.
 Home School
 Heritage Hills H.S.
 New Tech Institute
 Castle North M.S.
 David Turnham Ed. Ctr.
 Castle North M.S.
 Helfrich Park STEM Acad.
 New Tech Institute
 New Tech Institute
 Heritage Hills H.S.
 Thompkins M.S.
 Dale Turnham Ed. Ctr.
 Castle North M.S.
 Heritage Hills H.S.
 Heritage Hills H.S.
 Heritage Hills H.S.



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USI Scholarship #4	Nikhitha Lavu	Tracey Hayden	Signature School
Department of Navy—Senior Division	Thomas DiRienzo	Patrick Carter	New Tech Institute
Department of Navy—Senior Division	Mackenzie Hunt	Patrick Carter	New Tech Institute
Department of Navy—Junior Division	Andreas Hargrave	Shannon Hart	Castle South M.S.
Department of Navy—Junior Division	Kodey Hausmann	Ashlee Deal	Helfrich Park STEM Acad.
Department of Navy—Junior Division	Ayden Johnston	Ashlee Deal	Helfrich Park STEM Acad.
Department of Navy—Junior Division	Landon Meuth	Megan Wright	Helfrich Park STEM Acad.
Department of Navy—Junior Division	Emma Fields	Megan Wright	Helfrich Park STEM Acad.
U.S. Metric Association	Emily Taylor	Ashlee Deal	Helfrich Park STEM Acad.
Ricoh Americas Corporation	Akshaj Mishra	Lata Shukla	Signature School
National Oceanic and Atmospheric Administration	Meera Bhatia	Paul Perry	Castle North M.S.
Intel Education	Nikhitha Lavu	Tracey Hayden	Signature School
Association For Women Geoscientists	Caitleen Reyes	Sara Killebrew	Castle North M.S.
American Psychological Association	Zebulon Etienne	Elisa Peters	Heritage Hills H.S.
American Meteorological Society	Eli Fenwick	Patrick Carter	New Tech Institute
American Meteorological Society	Meera Bhatia	Paul Perry	Castle North M.S.
US Stockholm Junior Water Prize	Jade Yeager	Alison Rohde	South Spencer H.S.
US Stockholm Junior Water Prize	Ankush Dhawan	Radhika Dhawan	Signature School
Biophysical Society Award	Mackenzie Hunt	Patrick Carter	New Tech Institute
NASA Earth System Science Award	Eli Fenwick	Patrick Carter	New Tech Institute
Yale Science & Engineering Association Inc.	Kaelin Holm	Patrick Carter	New Tech Institute
SEFI Junior Division Award	Grace Kobylanski	Sara Killebrew	Castle North M.S.
SEFI Junior Division Award	Benjamin Schott	Sara Killebrew	Castle North M.S.
SEFI Junior Division Award	Caitleen Reyes	Sara Killebrew	Castle North M.S.
SEFI Junior Division Award	Andreas Hargrave	Shannon Hart	Castle South M.S.
SEFI Junior Division Award	Ammar Atia	Paul Perry	Castle North M.S.
SEFI Junior Division Award	Jude Dahlquist	Thomas Dahlquist	Home School



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SEFI Junior Division Award	Kiersten Gogel & Liz Gehlhausen	Katie Dossett	Heritage Hills M.S.
SEFI Junior Division Award	Julia Economou	Maura Humphrey	Castle North M.S.
SEFI Elementary Division Award	Katherine Fancher	Ed Fancher	Home School
SEFI Elementary Division Award	David Walling	Paige Walling	West Terrace E.S.
SEFI Senior Division Award	Ankush Dhawan	Radhika Dhawan	Signature School
SEFI Senior Division Award	Mackenzie Hunt	Patrick Carter	New Tech Institute
SEFI Senior Division Award	Akshaj Mishra	Lata Shukla	Signature School
SEFI Senior Division Award	Kaelin Holm	Patrick Carter	New Tech Institute
SEFI Senior Division Award	Nikhitha Lavu	Tracey Hayden	Signature School
SEFI Senior Division Award	Audrey Walters	Patrick Carter	Audrey Walters
SEFI Senior Division Award	Ella Paeth	Elisa Peters	Heritage Hills H.S.
SEFI Senior Division Award	Braeden Fitzsimmons	Thomas Dahlquist	Castle High School
SEFI Senior Division Award	Jade Yeager	Alison Rohde	South Spencer H.S.
SEFI Senior Division Award	Beatrice DiRienzo	Patrick Carter	New Tech Institute
Broadcom MASTERS 1	Grace Kobylanski	Sara Killebrew	Castle North M.S.
Broadcom MASTERS 2	Benjamin Schott	Sara Killebrew	Castle North M.S.
Broadcom MASTERS 3	Caitleen Reyes	Sara Killebrew	Castle North M.S.
Broadcom MASTERS 4	Andreas Hargrave	Shannon Hart	Castle South M.S.
Broadcom MASTERS 5	Ammar Atia	Paul Perry	Castle North M.S.
Broadcom MASTERS 6	Jude Dahlquist	Thomas Dahlquist	Home School
Broadcom MASTERS 7	Kiersten Gogel & Liz Gehlhausen	Katie Dossett	Heritage Hills M.S.
Broadcom MASTERS 8	Julia Economou	Maura Humphrey	Castle North M.S.
Broadcom MASTERS 9	Connor Herron	Megan Wright	Helfrich Park STEM Acad.
Broadcom MASTERS 10	Angelika Elderbrook	Stacy Burkhart	Helfrich Park STEM Acad.
Broadcom MASTERS 11	Grace Wagoner	Ashlee Deal	Helfrich Park STEM Acad.



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Broadcom MASTERS 12
Broadcom MASTERS 13

Kaitlyn Kahle
Anika Paranjape &
Maya Yamaguchi

Maura Humphrey
Ashley Nanninga

Castle North M.S.
Castle North M.S.

Broadcom MASTERS 14
Broadcom MASTERS 15

Kate McAtee
Allison Black &
Angelica Lyashchuk

Maura Humphrey
Valerie Cissna

Castle North M.S.
Thompkins M.S.

Broadcom MASTERS 16
Broadcom MASTERS 17
Broadcom MASTERS 18
Broadcom MASTERS 19
Broadcom MASTERS 20

Courtney Ewald
Luke Robards
Olivia Woods
Emily Taylor
Riley E Hills &
Zachary Wilson

Maura Humphrey
Elizabeth Forche
Tim Teel
Ashlee Deal
Elizabeth Forche

Castle North M.S.
Thompkins M.S.
North Elem. School
Helfrich Park STEM Acad.
Thompkins M.S.

United States Air Force
United States Air Force
United States Air Force
United States Air Force

James Pullom
Thomas DiRienzo
Jaydan Clayton
Emma Fields

Karen Wiseman
Patrick Carter
Ashlee Deal
Megan Wright

Plaza Park M.S.
New Tech Institute
Helfrich Park STEM Acad.
Helfrich Park STEM Acad.

Junior Division Categorical Awards

Animal Sciences - 1st place
Animal Sciences - 2nd place

Kaitlyn Kahle
Riley E Hills &
Zachary Wilson

Maura Humphrey
Elizabeth Forche

Castle North M.S.
Thompkins M.S.

Animal Sciences - 3rd place
Behavioral and Social Sciences - 1st Place
Behavioral and Social Sciences - 2nd Place
Behavioral and Social Sciences - 3rd Place

Reagan Koester
Ammar Atia
Courtney Ewald
Sydney Peterson &
Evan Powell

Lisa Koester
Paul Perry
Maura Humphrey
Valerie Cissna

Home Schools
Castle North M.S.
Castle North M.S.
Thompkins M.S.

Chemistry - 1st Place

Andreas Hargrave

Shannon Hart

Castle South M.S.



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Chemistry - 2nd Place

Allison Black &
Angelica Lyashchuk

Valerie Cissna

Thompkins M.S.

Chemistry - 3rd Place

Meera Bhatia

Paul Perry

Castle North M.S.

Earth and Environmental Sciences - 1st Place

Kate McAtee

Maura Humphrey

Castle North M.S.

Earth and Environmental Sciences - 2nd Place

Emily Taylor

Ashlee Deal

Helfrich Park STEM Acad.

Earth and Environmental Sciences - 3rd Place

Makenna Counts

Ashley Nanninga

Castle North M.S.

Energy: Physical and Chemical- 1st Place

Connor Herron

Megan Wright

Helfrich Park STEM Acad.

Energy: Physical and Chemical- 2nd Place

Terrance Joyce

Megan Wright

Helfrich Park STEM Acad.

Energy: Physical and Chemical- 3rd Place

Daniel Goodrich

Katie Dossett

Heritage Hills M.S.

Engineering - 1st Place

Grace Kobylanski

Sara Killebrew

Castle North M.S.

Engineering - 2nd Place

Luke Robards

Elizabeth Forche

Thompkins M.S.

Engineering - 3rd Place

Brandon Strouse

Stacy Burkhart

Helfrich Park STEM Acad.

Mathematics - 1st Place

Grace Wagoner

Ashlee Deal

Helfrich Park STEM Acad.

Mathematics - 2nd Place

Keegan Odney

Elizabeth Forche

Thompkins M.S.

Mathematics - 3rd Place

Landon Meuth

Megan Wright

Helfrich Park STEM Acad.

Medicine and Health Sciences - 1st Place

Kiersten Gogel &
Liz Gehlhausen

Katie Dossett

Heritage Hills M.S.

Medicine and Health Sciences - 2nd Place

Julia Economou

Maura Humphrey

Castle North M.S.

Medicine and Health Sciences - 3rd Place

Elise Crecelius

Maura Humphrey

Castle North M.S.

Microbiology, Molecular, Cellular Biology- 1st Place

Angelika Elderbrook

Stacy Burkhart

Helfrich Park STEM Acad.

Microbiology, Molecular, Cellular Biology-2ndPlace

Caymen Travis &
Kaleb Egan

Karen Wiseman

Plaza Park M.S.

Microbiology, Molecular, Cellular Biology-3rd Place

Sarah Day

Pamela Swader

Heritage Hills M.S.

Physics and Astronomy - 1st Place

Benjamin Schott

Sara Killebrew

Castle North M.S.

Physics and Astronomy - 2nd Place

Jude Dahlquist

Thomas Dahlquist

Home School

Physics and Astronomy - 3rd Place

Ethan Fuller

Elizabeth Forche

Thompkins M.S.



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Plant Sciences - 1st Place
Plant Sciences - 2nd Place
Plant Sciences - 3rd Place

Caitleen Reyes
Olivia Woods
Ayden Lewis-Navarrete &
Miles Resheter

Sara Killebrew
Tim Teel
Valerie Cissna

Castle North M.S.
North Elem. School
Thompkins M.S.

Robotics, Computers, and Systems Software - 1st Place

Anika Paranjape &
Maya Yamaguchi

Ashley Nanninga

Castle North M.S.

Robotics, Computers, and Systems Software - 2nd Place

Phillip Kulikov

Amy Whetstone

Evansville Day School

Robotics, Computers, and Systems Software - 3rd Place

Landon Brown

Megan Wright

Helfrich Park STEM Acad.