

# 65<sup>th</sup> annual Northeast Indiana Regional Science and Engineering Fair

## 2020 Results

### *Placements*

**Fourth Grade**, first place: Hailey Zurcher, NE Region Home; second place: Adam Funk, Lafayette Meadows; Caley Neely, Aboite; Madeline Ziegler, John S. Irwin; third place: Pierce Smith, Saint Charles Borromeo; Melissa Tan, Canterbury; Bayani Spradling, Towles

**Fifth Grade**, first place: Branson Birkey, Deer Ridge; second place: Claire Lane, Huntertown; third place: Anna Harrison, Coesse; Maris Williams, Perry Hill; Ian Carderaz, Eel River

**Junior Division**, first place: Amanda Heck, Summit; second place: Courtney Culbertson, Queen of Angels; Isabelle Parker, Saint Charles Borromeo; David Thurber, Saint Charles Borromeo third place: Natalia Nicolov, Woodside; Helen VanFossen, Saint John the Baptist; Gabe Landrigan, Summit

**Senior Division**, first place: Jessica Hartmus, Bishop Luers; second place: Madeline Phuong, Homestead; Katie Clem, Jonathan Clem, & Allison Perkins, Leo Jr/Sr HS; Dezaray Clawson, R. Nelson Snider. third place: Sydney Holub & Madeline Zink, Leo Jr/Sr HS; Ibai Marro, Leo; Benjamin Peters, Leo

### *Certificate of Excellence*

#### **Junior Division,**

Behavioral sciences: Isabelle Parker, St. Charles Borromeo; Cole Geradot, Saint John the Baptist

Biomedical & health sciences: David Thurber, Saint Charles Borromeo, Natalia Nicolov, Woodside

Chemistry: Olivia Didion, St. Jude; Olivia Menor, Canterbury; Harsimrn Panesar, Maple Creek; Helen VanFossen, Saint John the Baptist

Earth and Environmental Science: Amanda Heck, Summit; Lief Mollanen, Saint Charles Borromeo; Avery Ziembo, Maple Creek

Engineering: Christian Brell, St. Jude; Gabe Landrigan, Summit

Microbiology: David Thurber, Saint Charles Borromeo; Courtney Culbertson, Queen of Angels; Natalia Nicolov, Woodside

Physics and astronomy: Jackson Glassley, Canterbury; Landon Jones, Woodside

#### **Senior Division,**

Behavioral Science: Sydney Holub & Madeline Zink, Leo Jr/Sr HS

Earth and Environmental Sciences: Benjamin Peters, Leo Jr/Sr HS; Madeline Phuong, Homestead

Engineering: Jessica Hartmus, Bishop Luers

Material science: Torilinn Cwanek, Fort Wayne Area Home

Physics and astronomy: Dezaray Clawson, R. Nelson Snider

*Special Awards (Local and International)*

- Fort Wayne Children's Zoo Healthy Planet Award**, \$50 gift certificate toward zoo camp, tickets or membership: Jessica Hartmus, Bishop Luers; Katie Clem, Jonathan Clem, & Allison Perkins, Leo Jr/Sr HS; Avery Ziembo, Maple Creek; Naomi Maurer & Isaac Maurer, NE Region Home
- Fort Wayne City Utilities Water Resource Award**, engraved plaque: Jessica Hartmus, Bishop Luers; Amanda Heck, Summit; Madeline Ziegler, John S Irwin
- Fox Island Alliance**, membership, certificate and \$50: Milo Workman, Oak View; Pierce Smith, Saint Charles Borromeo; Naomi Maurer & Isaac Maurer, NE Region Home; Avery Ziembo, Maple Creek
- Little River Wetlands Project**, \$25 gift certificate, membership: Jonathan Clem, Allison Perkins, & Katie Clem, Leo Jr/Sr HS; Gage Mudrack, Haley; Abigail Valdez, Robert C Harris
- Purdue University School of Agriculture**; \$50 and certificate: Jonathan Clem, Allison Perkins, & Katie Clem, Leo Jr/Sr HS. Certificate: Ian Wall, Francis M. Price; Luke Hurst, Towles
- Institute of Electrical and Electronic Engineers**, \$75: Andrea Kearnes, John S. Irwin; Dezaray Clawson, R. Nelson Snider. \$50: Harsimran Panesar, Maple Creek.
- PFW Biology Club Award**, \$50: Chelsea Young, Eel River.
- PFW Department of Psychology Award**: Sydney Holub & Madeline Zink, Leo Jr/Sr HS
- PFW Faculty Tribute Award**, \$50: Hailey Zurcher, NE Region Home
- Science and Regulatory Consultants**, best study design, high school, \$75: Madeline Phuong, Homestead; middle school, \$50: David Thurber, Saint Charles Borromeo; elementary school, \$25: Claire Lane, Hometown
- American Chemical Society**; \$150, certificate and invitation to annual dinner meeting: Helen VanFossen, Saint John the Baptist
- American Meteorological Society**, certificate: Katie Clem, Jonathan Clem, & Allison Perkins, Leo Jr/Sr HS; Luke Hurst, Towles
- ASM Materials Education Foundation**, certificate & medallion: Gabe Landrigan, Summit
- American Psychological Association**, certificate: Isabelle Parker, Saint Charles Borromeo
- Association of Women in Geosciences**, certificate: Amanda Heck, Summit
- Mu Alpha Theta National Mathematics Honor Society**, certificate: Dezaray Clawson, Snider HS
- NASA Earth System Science Award**, certificate: Ian Carderaz, Eel River
- NOAA Taking the Pulse of the Planet Award**, certificate: Madeline Phuong, Homestead
- Ricoh Corporation**, certificate: Madeline Phuong, Homestead
- Science Applications International Corporation**, certificate: Jessica Hartmus, Bishop Luers; Cooper Steele, Summit
- Stockholm Junior Water Prize**, Dezaray Clawson, Snider; Benjamin Peters, Leo; Jessica Hartmus, Bishop Luers
- US Metric Association**, certificate: Natalia Nicolov, Woodside
- Broadcom MASTERS**, certificate and chance to apply to national competition: Amanda Heck, Summit; David Thurber, Saint Charles Borromeo; Courtney Culbertson, Queen of Angels

**Northeast Indiana Veterinary Medical Association**, \$100: Chelsea Young, Eel River; Naomi Maurer & Isaac Maurer, NE Region Home; Avery Ziembo, Maple Creek; David Thurber, Saint Charles Borromeo; Natalie Harning, Carroll

**Huntington University**, certificate and \$50: Biology – Madeline Phuong, Homestead; Physical Sciences – Dezaray Clawson, R. Nelson Snider; Health Sciences - Sydney Holub & Madeline Zink, Leo;

**Aqua Indiana Environmental Stewardship Award**, Trophy and \$100 gift card: Riley Jones, Deer Ridge; David Thurber, Saint Charles Borromeo; Jessica Hartmus, Bishop Luers

**U.S. Navy and Marine Corps**: Natalia Nicolov, Woodside; Dezaray Clawson, R. Nelson Snider; Madeline Phuong, Homestead.

**U.S. Air Force**: sling backpack, folder: Katie Clem, Jonathan Clem, & Allison Perkins, Leo Jr/Sr HS; Helen VanFossen, Saint John the Baptist.

**N Maxine and David W. Ford STEM Award**, \$150: Sydney Holub & Madeline Zink, Leo; \$100: Rowan Elmer, Fort Wayne Area Home

**Director's Award**, \$100, fourth grade: Hailey Zurcher, NE Region Home; fifth grade: Branson Birkey, Deer Ridge.

**Arthur Friedel Most Promising Young Scientist Award**, \$100: Branson Birkey, Deer Ridge

**Junior Outstanding Project Award**, \$100: Amanda Heck, Summit

**Senior Outstanding Project Award**, \$100: Jessica Hartmus, Bishop Luers

### **Representatives to the Hoosier Science and Engineering Fair**

**Elementary**: Branson Birkey, Deer Ridge; Hailey Zurcher, NE Region Home

**Junior division**: Christian Brell, St. Jude; Courtney Culbertson, Queen of Angels; Olivia Didion, St. Jude; Amanda Heck, Summit; Landon Jones, Woodside; David Thurber, Saint Charles Borromeo; Helen VanFossen, St. John the Baptist; Avery Ziembo, Maple Creek.

**Senior division**: Katie Clem, Jonathan Clem, & Allison Perkins, Leo Jr/Sr HS; Dezaray Clawson, R. Nelson Snider; Jessica Hartmus, Bishop Luers; Sydney Holub & Madeline Zink, Leo Jr/Sr HS; Jake Neubauer, Evan Thomas, & Alexander Yauchler, Leo Jr/Sr HS; Benjamin Peters, Leo Jr/Sr HS; Madeline Phuong, Homestead.