



NEIRSEF Notes

Northeast Indiana Regional Science and Engineering Fair

• April 2005

Letter from the Director

Dear Fair Teachers and Parents,

Congratulations to all of you on your local fairs! We know there were excellent school fairs with impressive projects and participation. We not only admire you for these efforts within your school but thank you for all the work in preparing students who advanced to the NE Indiana Regional Science & Engineering Fair. Your dedication and time in sending students to NEIRSEF gave them an opportunity to display their research projects at IPFW, interact and communicate results with adult professionals outside the traditional classroom setting, and receive recognition for their efforts with a ribbon and a 50th Anniversary pin.

At this year's fair, 85 judges talked with 289 participants throughout the morning. During the award ceremony, 117 students received a variety of awards offered by 39 sponsors. I would like to extend my congratulations and those of the IPFW Fair Committee to the students and the sponsoring teachers/parents for their excellent work. We especially appreciate each teacher's contribution because we know your role is critical and without it there would not be a successful regional fair.

An important part of the Fair process is properly filling out paperwork, meeting deadlines, and, for the junior and senior level participants, fulfilling all ISEF (International Science and Engineering Fair) requirements in regard to safety and ethical considerations for certain types of projects. We recognize that this process can be time consuming and demanding for teachers who already have a busy workload. For this reason, we are exploring ways to make the process more "teacher friendly" while maintaining the integrity of the fair and meeting our ISEF Affiliation obligations.

This year, in an effort to help with the paperwork, an easy to follow Form Guide was placed in the 2004 fall newsletter to assist you in choosing the forms needed for various projects. In addition, Kim Wagner, the NEIRSEF Educator Liaison, was available every day to answer emails and phone calls. Kim simplified the NEIRSEF website and plans to make additional modifications to assist you for the 2006 Fair. Finally, we offered a Fair Coordinator's Orientation. Next year, we will offer these and more "helps" in the fair process so watch for the fall newsletter and the website later this summer.

Finally, remember that the 2006 International Science and Engineering Fair will be right here in Indiana! We look forward to working with you again and searching for the youth "scholars" who will represent our region in Indianapolis next year. Have a wonderful spring semester and summer!

Carol Dostal and the NEIRSEF Committee

Congratulations State Science and Engineering Fair Winners!

On Saturday, April 2, six students from our region competed in the Hoosier State Science and Engineering Fair near Indianapolis. All of our students made an excellent showing and we congratulate them on their accomplishments!

Jonathan Bell, Snider High School, Fort Wayne: Alternate for Japan Trip to World Expo; 3rd Place Physical Science Senior Division (\$25); Intel Excellence in Computer Science Award (\$200); and Rose Hulman Institute sweatshirt

Lindsay Crawford, Summit Middle School, Fort Wayne: 3rd Place Physical Sciences Junior Division (\$25); 3rd Place Junior Division Thompson Company Award (Stereo Unit); and Rose Hulman Institute shirt

Abigail Hines, Orchard Day School, Fort Wayne: \$100 scholarship to University of Evansville's Women in Engineering Program (week-long seminar), and U.S. Army Best Environmental Science Project (Certificate and \$50 savings bond)

Joy Hines, Orchard Day School, Fort Wayne: 2nd Place Life Sciences Junior Division (\$35), and Best Abstract Junior Division (Certificate and \$50)

Jason Leung, Homestead High School, Fort Wayne: 2nd Place Life Sciences Finalist Division (\$35)

2005 Award Winners

Elementary Division Winners

Kindergarten: *1st Place:* Trevor Kelley (Churubusco); *2nd Place:* Maximillian Cobos (St. Jude); *3rd Place:* Savannah Batzka (Whispering Meadows); *4th Place:* Grace Hines (Orchard Day School); Joshua Smithley (Harris); Joseph Teitzel (Harris); *5th Place:* Jason Coyne (Irwin); Gavin Howard (Pierceton)

First Grade: *1st Place:* Halayne Martin (Castleton Academy); *2nd Place:* Alex Crick (St. Jude); Olivia Rusk (Irwin); Kelsey Smith and Casey Stanley (Lindley); Matthew Thornson (Croninger); *3rd Place:* Kristi McDonald (St. Vincent de Paul); Ian Reidenbach (Huntertown); Lindsey Sutter (St. Vincent de Paul); *4th Place:* Grace Showalter (Whispering Meadows); *5th Place:* Dena Short (Maplewood)

Second Grade: *1st Place:* Jeremy Tataara (Deer Ridge); *2nd Place:* Bethany Doehrmann (Croninger); *3rd Place:* Ankur Lar (Canterbury); Zach Watters (Hickory Center); *4th Place:* Vanessa Case (Weisser Park/Whitney Young); Jared Schmucker (Holland); Reid Weber (Covington) *5th Place:* Joey Fazzaro (Arlington); Sophie Wissing (Haley)

Third Grade: *1st Place:* Holden T. Martin (Castleton Academy); *2nd Place:* Aman Chera (Whispering Meadows); Ayla Leffel (Aboite); Grant Nill (St. Vincent de Paul); *3rd Place:* Jerrod Spieth (Churubusco); *4th Place:* Brandon Suter (Covington); Desirae Tyler (Lafayette Meadows); *5th Place:* Anthony Jimenez (Covington); Jenna Meyer (Lancaster Central)

Fourth Grade: *1st Place:* Anna Tataara (Deer Ridge); *2nd Place:* Alexis Stine (Whispering Meadows); *3rd Place:* Rachel Towle (Ossian) *4th Place:* Matt Peters (Perry Hill); Emily Tallo (Bunche); *5th Place:* Miranda Braun (New Haven); Monica Cartwright (Irwin); Abe Dietle (Weisser Park/Whitney Young)

Fifth Grade: *1st Place:* Jodie Goodman (Canterbury); *2nd Place:* Kent Blazier (Ossian); Hunter T. Martin (Castleton Academy); Hailey Meert (Perry Hill); *3rd Place:* Katie Gibson (Weisser Park/Whitney Young); Robert Pope (Churubusco); *4th Place:* Andy Stumpf (Aboite); Daniel Veerkamp (Deer Ridge); *5th Place:* Hunter Wells (Sharp Creek)

Elementary Division Special Award Winners

Arthur W. Freidel Most Promising Young Scientist Award - \$100 Savings Bond: Anna Tataara (Deer Ridge)

City of Fort Wayne Utilities and Solid Waste Management Award - Engraved Plaque: Kara Hall (Lafayette Meadows)

Discovery Young Scientist Challenge - Certificate and Pin: Jodie Goodman (Canterbury); Hunter T. Martin (Castleton Academy); Hailey Meert (Perry Hill)

Eastman Kodak Award - Photo Kit and Certificate: Haley Fulkerson (Churubusco)

Fox Island Alliance - Membership, Certificate and \$25 Cash Award: McKenna Adams (Lincoln)

Friedel Directors Award - \$50 Cash Award

Kindergarten: Trevor Kelley (Churubusco); First Grade: Halayne Martin (Castle Academy); Second Grade: Jeremy Tataara (Deer Ridge); Third Grade: Holden Martin (Castleton Academy); Fourth Grade: Anna Tataara (Deer Ridge); Fifth Grade: Jodie Goodman (Canterbury)

Isaac Knapp District Dental Society Award - \$50 and certificate: Mariah Jordan (Lafayette Meadows)

Linda Balthaser Healthy Living/Healthy Planet - Book and \$50 Savings Bond

Trevor Kelley (Churubusco); Ciara Lasater and Jesse Yoder (Perry Hill); Miranda Braun (New Haven)

Little River Wetlands Project - Gift Certificate: Grant Nill (St. Vincent de Paul)

Little River Wetlands Project, Honorable Mention - Certificate

McKenna Adams (Lincoln); Vanessa Case (Weisser Park/Whitney Young); Trevor Kelley (Churubusco); Alex Kumar (Perry Hill); Ciara Lasater and Jesse Yoder (Perry Hill)

Northeastern Indiana Veterinary Medical Association - Cash Awards

Colleen Cook (Weisser Park/Whitney Young): \$100; Jordyn Rigler (Brentwood) - \$50; Joey Fazzaro (Arlington) - \$25

Purdue University School of Agriculture - Certificate: Alex Kumar (Perry Hill)

Society of Automotive Engineers, Engineering Project - \$40 Cash Award: Bethany Doehrmann (Croninger); Anna Tataara (Deer Ridge)

Society of Manufacturing Engineers, Fort Wayne Chapter 56 - \$25 Cash Award: Rebecca Belth (Fort Wayne Area Home School);

Halayne Martin (Castleton Academy); Melanie Morello (Haverhill); Shelby Smith (St. John, New Haven)

William Joseph Gabet Award for Best Use of Math or Computers - \$25 Cash Award: Alexis Stine (Whispering Meadows)

Junior Division Winners

Behavioral and Social Sciences: *1st Place:* Gabrielle Ferro (St. Jude); *2nd Place:* Bob Klingensmith (Bellmont)

Botany: *1st Place:* James Gorman (Wyneken Memorial)

Chemistry: *1st Place:* Lindsay Crawford (Summit); *2nd Place:* Andrew Green (St. Charles, Fort Wayne); *3rd Place:* Mitch Stein (Canterbury); David Witwer (Canterbury); *4th Place:* Zachary Jones (Whitko); *5th Place:* Solomin Lin (Summit)

Computer Science: *1st Place:* Nik Kleber (St. Charles, Fort Wayne)

Earth Science: *1st Place:* Joseph Wuest (St. John, New Haven)

Engineering: *1st Place:* Brandon Knueve (St. John, New Haven); *2nd Place:* Elisabeth Bell (Grace Academy); *3rd Place:* James Ryan (St. Charles, Fort Wayne); *4th Place:* Seth Everett (Bellmont); *5th Place:* Jonathan Bucher (Huntington Catholic); Paul Drier (Wyneken Memorial); Cassie Summers (St. John, New Haven)

Environmental Science: *1st Place:* Emily Ehlerding (Wyneken Memorial); *2nd Place:* Shawn R. Kelley (Churubusco);

3rd Place: Sara Blackburn (St. Vincent de Paul); *4th Place:* Mariah Harold (Huntington Catholic); Maddy Miller (St. Charles Fort Wayne); Grant Steffen (Memorial Park)

Medicine and Health: *1st Place:* Matt Gorman (Wyneken Memorial); *2nd Place:* Rikki Luebke (St. Charles, Fort Wayne);

3rd Place: Julie Bever (Sharp Creek)

Microbiology: *1st Place:* Joy Hines (Orchard Day School); *2nd Place:* Kelsea Visalli (Whitko)

Physics: *2nd Place:* Kathleen Chaykowski (Canterbury); Max Dickmeyer (Summit); Benjamin Griffith (Woodside);

3rd Place: Stephanie Ehlerding (Wyneken Memorial); Kelly Karr (Canterbury); *4th Place:* Theresa Hilger (Queen of Angels);

Lucas McGowan (St. Jude)

Zoology: *1st Place:* Brendan Murphy (Canterbury); *2nd Place:* Alex McGill (Bellmont); *3rd Place:* Natasha Kersjes (St. John, New Haven)

Team Projects: *1st Place:* Tracey Buit and Victoria Wilson (Lakeview); *2nd Place:* Luke Holladay and Terren Raphael (Lakeview); *3rd Place:* Chase Byerly and Jesse Sharp (Lakeview); *4th Place:* John DiDomenico and Luke Momper (St. Jude); *5th Place:* Nathan Eggleston and Drew Lanning (Queen of Angels); Ciara Keffeler and Morgan Ross (Sharp Creek); Kelly Becker and Amanda Schneider (Lakeview)

2005 Award Winners

Senior Division Winners

Biochemistry – Senior: 1st Place: Jason Leung (Homestead)

Computer Science – Senior: 1st Place: Jacob Liechty (Leo)

Engineering – Senior: 1st Place: Jonathan Bell (Snider); **3rd Place:** Andrew Hollenbeck (Homestead)

Environmental Sciences – Senior: 1st Place: Abigail Hines (Orchard Day School); **2nd Place:** Gus Steigmeyer (Canterbury)

Mathematics – Senior: 1st Place: Matthew Danielson (Sunnybrook Private)

Team Projects – Senior: 1st Place: Neel Patel and Neil Shah (Homestead)

Junior/Senior Division Special Award Winners

Representatives to International Science and Engineering Fair - Phoenix, Arizona

Abigail Hines (Orchard Day School); Jason Leung (Homestead)

Junior Representatives to Hoosier State Science and Engineering Fair

Lindsay Crawford (Summit); Joy Hines (Orchard Day School); Brendan Murphy (Canterbury)

Senior Representatives to Hoosier State Science and Engineering Fair

Jonathan Bell (Snider); Abigail Hines (Orchard Day School); Jason Leung (Homestead)

American Chemical Society - \$75 Cash Award and Invitation to Annual Dinner Meeting

Lindsay Crawford (Summit); Jason Leung (Homestead)

American Psychological Association - Certificate: Gabrielle Ferro (St. Jude)

ASM International Foundation - Certificate and Medallion: James Ryan (St. Charles, Fort Wayne)

Association for Women Geoscientists - Certificate: Emily Ehlerding (Wyneken Memorial)

City of Fort Wayne Utilities and Solid Waste Management Award - Engraved Plaque

Kara Hall (Lafayette Meadows); Emily Ehlerding (Wyneken Memorial); Gus Steigmeyer (Canterbury)

CTS Corporation - Cash Awards

Jason Leung (Homestead) - \$25; Abigail Hines (Orchard Day School) - \$50; Jacob Liechty (Leo) - \$75

Discovery Young Scientist Challenge - Certificate and Pin

Lindsay Crawford (Summit); Emily Shlerding (Wyneken Memorial); Gabrielle Ferro (St. Jude); Matt Gorman (Wyneken Memorial);

James Gorman (Wyneken Memorial); Andrew Green (St. Charles, Fort Wayne); Joy Hines (Orchard Day School); Nik Kleber

(St. Charles, Fort Wayne); Bob Klingensmith (Bellmont); Brandon Knueve (St. John, New Haven); Alex McGill (Bellmont);

Brendan Murphy (Canterbury)

Fox Island Alliance - Membership, Certificate and \$25 Cash Award:

Abigail Hines (Orchard Day School); Brendan Murphy (Canterbury)

Herbert Hoover Presidential Library Association Young Engineer Award - Certificate and Medallion: Jonathan Bell (Snider)

Intel Excellence in Computer Science Award - \$200 Cash Award and Certificate: Jacob Liechty (Leo)

IPFW Department of Psychology - \$20 Borders Gift Certificate: Gabrielle Ferro (St. Jude)

IPFW Science Scholars Award for Best 12th Grade Project - \$500 IPFW Scholarship: Jason Leung (Homestead)

Issac Knapp District Dental Society Award - \$50 Cash Award and Certificate: Julie Bever (Sharp Creek)

Linda Balthaser Healthy Living/Healthy Planet Award - Book and Savings Bond Award

Shawn R. Kelley (Churubusco); Kelsea Visalli (Whitko) - \$75; Gus Steigmeyer (Canterbury) - \$100

Little River Wetlands Project - Gift Certificate: Emily Ehlerding (Wyneken Memorial); Abigail Hines (Orchard Day School)

Little River Wetlands Project - Honorable Mention Certificate: Jason Leung (Homestead); Brendan Murphy (Canterbury)

National Association of Professional Engineers - Certificate and Subscription: Elisabeth Bell (Grace Academy)

Northeastern Indiana Veterinary Medical Association - \$100 Cash Award

Natasha Kersjes (St. John, New Haven); Brendan Murphy (Canterbury)

Purdue University School of Agriculture - \$25 Cash Award and Certificate

Abigail Hines (Orchard Day School); Joy Hines (Orchard Day School)

Ricoh Corporation - Certificate and Subscription to Science News: Emily Ehlerding (Wyneken Memorial)

Society of Automotive Engineers, Best Engineering Project - Cash Awards

Junior: Lindsay Crawford (Summit) - \$65; Senior: Jacob Liechty (Leo) - \$100

Society of Manufacturing Engineers, Fort Wayne Chapter 56 - Cash Awards

Junior: Brandon Knueve (St. John, New Haven) - \$100; Senior: Jonathan Bell (Snider) - \$200

United States Air Force - Techfolio, Electronic Speller, Certificate and Medallion

Jonathan Bell (Snider); Elisabeth Bell (Grace Academy); Lindsay Crawford (Summit); Abigail Hines (Orchard Day School); Brandon

Knueve (St. John, New Haven); Jason Leung (Homestead); Jacob Liechty (Leo); David Witwer (Canterbury)

United States Army - Calculator, Polo Shirt and Medallion

Jonathan Bell (Snider); Abigail Hines (Orchard Day School); Jason Leung (Homestead)

United States Metric Association- Certificate: Brandon Knueve (St. John, New Haven)

United States Navy and Marine Corps - \$50 Cash Award and Certificate

Jonathan Bell (Snider); Abigail Hines (Orchard Day School)

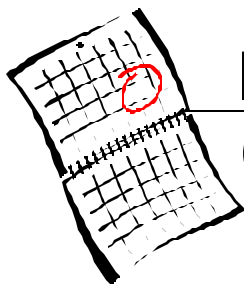
United States Navy and Marine Corps - Certificate and Letter: Lindsay Crawford (Summit); Brendan Murphy (Canterbury)

United States Health and Human Services - Certificate signed by Surgeon General: Joy Hines (Orchard Day School)

Water Environment Federation - Regional Stockholm Junior Water Prize: Abigail Hines (Orchard Day School)

William Joseph Gabet Award for Best Use of Math or Computers - Cash Awards

Nik Kleber (St. Charles, Fort Wayne) - \$25; Jacob Liechty (Leo) - \$50



MARK YOUR CALENDARS!

The 2006 Northeast Indiana Regional
Science and Engineering Fair
is scheduled for
Saturday, March 18!

Deadline dates will be determined over the
next few months. Once we have these dates set,
we will be sure to let you know!

And Coming Soon...

The fair website will be updated and
redesigned during the summer.

Please be sure to visit.

New and exciting changes are planned!

NEIRSEF Contact Information

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