

## **Science and Engineering Fair Award Winners 2007**

### **Overall Winners**

#### **Senior Division Grand Award Winners**

These students advance to the Hoosier State Science and Engineering Fair to be held March 31, 2007 at IUPUI in Indianapolis and to the Intel International Science and Engineering Fair on May 13-18, 2007 in Albuquerque, New Mexico. Over 1,400 students participate from around the world in the international competition. Additionally, they will receive a \$1,500 four-year renewable scholarship to the University of Southern Indiana.

**Stacy Vosters (North Daviess High School)**

**Esther Uduehi (F. J. Reitz High School)**

#### **Senior Division Grand Alternate Award Winners**

These students will participate in the Hoosier State Science and Engineering Fair to be held March 31, 2007 at IUPUI. They will have the opportunity to compete for an additional Hoosier Delegation position to attend the Intel International Science and Engineering Fair in May. Additionally, they will receive a \$1,500 four-year renewable scholarship to the University of Southern Indiana.)

**Hannah Scudder (North Daviess High School)**

**Jaya Sanapati (Signature School)**

#### **Junior Division Grand Award Winner**

This student is invited to participate in the Hoosier State Science and Engineering Fair to be held March 31, 2007 at IUPUI. The winner also receives a Gateway laptop computer.

**Tommy Dauer (Castle Junior High School)**

**Junior Division Grand Alternate Award Winners** These students are invited to participate in the Hoosier State Science and Engineering Fair to be held March 31, 2007 at IUPUI. The winners also receive a Gateway laptop computer.

**Gavin Olson (Castle Junior High School)**

**Nalon Bell (Jasper Middle School)**

### **Award Winners by School**

#### **Castle High School**

**Whitney McKinney**

**Awards:** *American Society of Materials International Honorable Mention*

**Sponsoring Teacher: Andrew Freeman**

## **Castle Junior High School**

### **Trevor Bradley**

**Awards:** *Junior 1st Microbiology, U.S. Navy and Marine Core, Discovery Channel Young Scientist Challenge 2007*

**Sponsoring Teacher:** Rick Wambach

### **Tommy Dauer**

**Awards:** *Junior 1st Physics, Kelly G. Miles Physics Award, U.S. Navy and Marine Core, Discovery Channel Young Scientist Challenge 2007, Junior Grand Award Winner*

**Sponsoring Teacher:** Richard Wambach

### **Connor Kloosterman**

**Awards:** *Junior 2nd Engineering, U.S. Air Force, Discovery Channel Young Scientist Challenge 2007*

**Sponsoring Teacher:** Sara Killebrew

### **Gavin Olson**

**Awards:** *Junior 1st Engineering, Herbert Hoover Young Engineer Award, U.S. Air Force, U.S. Navy and Marine Core, Discovery Channel Young Scientist Challenge 2007, Junior Grand Alternate Award Winner*

**Sponsoring Teacher:** Richard Wambach

### **Chris Pierson**

**Awards:** *Junior 3rd Chemistry and Biochemistry, U.S. Stockholm Junior Water Prize, Evansville Home Economists, Discovery Channel Young Scientist Challenge 2007*

**Sponsoring Teacher:** Sara Killebrew

### **Gautam Rangavajla**

**Awards:** *Junior 3rd Engineering*

**Sponsoring Teacher:** Richard Wambach

### **Nathan Smiddy**

**Awards:** *Junior 3rd Behavioral Sciences, Discovery Channel Young Scientist Challenge 2007*

**Sponsoring Teacher:** Sara Killebrew

### **Donald Brake**

**Awards:** *Molecular Biology and Biotechnology Award*

**Sponsoring Teacher:** Sara Killebrew

### **Gaurav Chaudhry**

**Awards:** *Molecular Biology and Biotechnology Award*

**Sponsoring Teacher:** Sara Killebrew

**Zonair Khan**

**Awards:** *Molecular Biology and Biotechnology Award*

**Sponsoring Teacher:** Sara Killebrew

**Alex Phaup**

**Awards:** *Molecular Biology and Biotechnology Award*

**Sponsoring Teacher:** Sara Killebrew

**Evansville Day School**

**Basel Allaw**

**Awards:** *U.S. Air Force*

**Sponsoring Teacher:** Mary Ann Kraft

**Alec Bucshon**

**Awards:** *American Society of Materials International Junior Division*

**Sponsoring Teacher:** Mary Ann Kraft

**Allie Eberly**

**Awards:** *Junior 1st Medicine, Health, and Gerontology, U.S. Department of Health and Human Services, U..S Navy and Marine Core, Discovery Channel Young Scientist Challenge 2007*

**Sponsoring Teacher:** Mary Ann Kraft

**Shaan Erickson**

**Awards:** *Junior 2nd Chemistry and Biochemistry, Discovery Channel Young Scientist Challenge 2007*

**Sponsoring Teacher:** Mary Ann Kraft

**Augie Folz**

**Awards:** *Junior 1st Earth and Space Sciences, U.S. Navy and Marine Core, Discovery Channel Young Scientist Challenge 2007*

**Sponsoring Teacher:** Mary Ann Kraft

**Will Hodge**

**Awards:** *Junior 1st Chemistry and Biochemistry, ACS-IN/KY Border Section, Dr. and Mrs. Jonathan S. Lowrey Award, U.S. Navy and Marine Core, Discovery Channel Young Scientist Challenge 2007*

**Sponsoring Teacher:** Mary Ann Kraft

**Jonah Humel**

**Awards:** *Purdue University Agriculture Award*

**Sponsoring Teacher:** Mary Ann Kraft

**Cameron Melchior**

**Awards:** *Junior 2nd Medicine, Health, and Gerontology, Discovery Channel Young Scientist*

*Challenge 2007*

**Sponsoring Teacher:** Mary Ann Kraft

**Jacob Mumford**

**Awards:** *Molecular Biology and Biotechnology Award*

**Sponsoring Teacher:** Mary Ann Kraft

**Danielle Parker**

**Awards:** *Junior 3rd Microbiology*

**Sponsoring Teacher:** Mary Ann Kraft

**Emma Pettinga**

**Awards:** *Junior 1st Behavioral Sciences, U.S. Navy and Marine Core, Discovery Channel Young Scientist Challenge 2007*

**Sponsoring Teacher:** Mary Ann Kraft

**Spencer Rice**

**Awards:** *Junior 3rd Physics, Discovery Channel Young Scientist Challenge 2007*

**Sponsoring Teacher:** Mary Ann Kraft

**Caroline Tyler**

**Awards:** *Junior 3rd Environmental Science*

**Sponsoring Teacher:** Mary Ann Kraft

**F. J. Reitz High School**

**Esther Coghill**

**Awards:** *Senior 2nd Behavioral Sciences*

**Sponsoring Teacher:** Nora Walsh

**Leandra Hicks**

**Awards:** *Senior 3rd Microbiology*

**Sponsoring Teacher:** Nora Walsh

**Sunny Huang**

**Awards:** *Senior 1st Microbiology, American Society for Microbiology, USI Scholarship*

**Sponsoring Teacher:** Nora Walsh

**Bailey Roeder**

**Awards:** *Vanderburgh County Medical Society*

**Sponsoring Teacher:** Monisha Barnhill

**Andrew Schade**

**Awards:** *Senior 2nd Engineering*

**Sponsoring Teacher:** Nora Walsh

**Rebecca Lauer**

**Awards:** *Senior 3rd Chemistry and Biochemistry*

**Sponsoring Teacher:** Nora Walsh

**Michael Hudson**

**Awards:** *Senior 3rd Environmental Science*

**Sponsoring Teacher:** Nora Walsh

**Esther Uduehi**

**Awards:** *Senior 1st Chemistry and Biochemistry, U.S. Army, Dr. and Mrs. Jonathan S. Lowrey Award, U.S. Navy and Marine Core, USI Scholarship, Senior Grand Award Winner*

**Sponsoring Teacher:** Nora Walsh

**Chris Lynch**

**Awards:** *American Meteorological Society*

**Sponsoring Teacher:** Monisha Barnhill

**Tim Murphy**

**Awards:** *American Meteorological Society*

**Sponsoring Teacher:** Monisha Barnhill

**Logan Ledbetter**

**Awards:** *Senior 1st Team Projects*

**Sponsoring Teacher:** Monisha Barnhill

**Adam Atwood**

**Awards:** *American Meteorological Society*

**Sponsoring Teacher:** Monisha Barnhill

**Jordan Daniel**

**Awards:** *Senior 2nd Team Projects, American Society of Materials International Western Kentucky Chapter Senior Division*

**Sponsoring Teacher:** Monisha Barnhill

**Jordan Fehr**

**Awards:** *Senior 1st Team Projects*

**Sponsoring Teacher:** Monisha Barnhill

**Maria Hust**

**Awards:** *Senior 3rd Team Projects*

**Sponsoring Teacher:** Monisha Barnhill

**Stephanie Owens**

**Awards:** *Senior 3rd Team Projects*

**Sponsoring Teacher:** Monisha Barnhill

**Tyler VanMeter**

*Awards: Senior 2nd Team Projects, American Society of Materials International Western Kentucky Chapter Senior Division*

**Sponsoring Teacher:** Monisha Barnhill

**Tom Grimes**

*Awards: Senior 1st Team Projects*

**Sponsoring Teacher:** Monisha Barnhill

**Henderson County North Middle School**

**Chasta Baker**

*Awards: Association for Women Geoscientists*

**Sponsoring Teacher:** Marsha Davis

**Brandon Boone**

*Awards: National Oceanic and Atmospheric Administration*

**Sponsoring Teacher:** Terry Bennett

**Adam Casey**

*Awards: Evansville Home Economists*

**Sponsoring Teacher:** Cathy Baker

**Justin Cessna**

*Awards: Junior 1st Environmental Science, U.S. Navy and Marine Core, Discovery Channel Young Scientist Challenge 2007*

**Sponsoring Teacher:** Cathy Baker

**Logan Johnson**

*Awards: Vanderburgh County Medical Society*

**Sponsoring Teacher:** Terry Bennett

**Emily Richey**

*Awards: Junior 2nd Zoology, Discovery Channel Young Scientist Challenge 2007*

**Sponsoring Teacher:** Terry Bennett

**Bryan Schundlemire**

*Awards: Junior 1st Mathematics, Mu Gamma Pi Mathematics Award, Discovery Channel Young Scientist Challenge 2007*

**Sponsoring Teacher:** Terry Bennett

**Chandler Headdy**

*Awards: Junior 2nd Botany, Discovery Channel Young Scientist Challenge 2007*

**Sponsoring Teacher:** Lynda Wathen

**Vanessa Turner**

*Awards: Junior 2nd Mathematics, Discovery Channel Young Scientist Challenge 2007*

**Sponsoring Teacher:** Connie Holder

**Holy Family School**

**Joseph Fischer**

*Awards: Junior 3rd Zoology*

**Sponsoring Teacher:** Charmaine Oxford

**Paige Buschkoetter**

*Awards: Junior 2nd Team Project, Discovery Channel Young Scientist Challenge 2007*

**Sponsoring Teacher:** Charmaine Oxford

**Erica Welp**

*Awards: Junior 2nd Team Project, Discovery Channel Young Scientist Challenge 2007*

**Sponsoring Teacher:** Charmaine Oxford

**Jasper Middle School**

**Nalon Bell**

*Awards: Junior 2nd Behavioral Sciences, American Psychological Association, Discovery Channel Young Scientist Challenge 2007, Junior Grand Alternate Award Winner*

**Sponsoring Teacher:** Margaret Flack

**John Fierst**

*Awards: ASM Materials Education Foundation, American Society of Materials International Western Kentucky Chapter Honorable Mention*

**Sponsoring Teacher:** Margaret Flack

**Jonathan Kreilein**

*Awards: Junior 2nd Earth and Space Sciences, Discovery Channel Young Scientist Challenge 2007*

**Sponsoring Teacher:** Margaret Flack

**Libby Kunkel**

*Awards: Junior 2nd Environmental Science, Discovery Channel Young Scientist Challenge 2007*

**Sponsoring Teacher:** Margaret Flack

**Thomas Lowrey**

*Awards: Junior 3rd Medicine, Health, and Gerontology, Discovery Channel Young Scientist Challenge 2007*

**Sponsoring Teacher:** Margaret Flack

**Shelby Merder**

**Awards:** *Junior 3rd Botany*

**Sponsoring Teacher:** Debi Quade

**Jonathan Merkley**

**Awards:** *Junior 2nd Physics, International Society for Optical Engineering, Discovery Channel Young Scientist Challenge 2007*

**Sponsoring Teacher:** Margaret Flack

**Alex Schmitt**

**Awards:** *Junior 2nd Microbiology, American Society of Microbiology, Discovery Channel Young Scientist Challenge 2007*

**Sponsoring Teacher:** Margaret Flack

**Josh Vollmer**

**Awards:** *National Society of Professional Engineers*

**Sponsoring Teacher:** Margaret Flack

**Melanie Martin**

**Awards:** *Junior 3rd Team Project*

**Sponsoring Teacher:** Debi Quade

**Caitlyn Wessel**

**Awards:** *Junior 3rd Team Project*

**Sponsoring Teacher:** Debi Quade

**Mount Vernon Junior High School**

**Devon Allyn**

**Awards:** *Junior 3rd Earth and Space Sciences*

**Sponsoring Teacher:** Julie Jackson

**Torsten Maier**

**Awards:** *Junior 1st Team Project, Discovery Channel Young Scientist Challenge 2007*

**Sponsoring Teacher:** Julie Jackson

**Danen Turpin**

**Awards:** *Junior 1st Team Project, Discovery Channel Young Scientist Challenge 2007*

**Sponsoring Teacher:** Julie Jackson

**Mount Vernon Senior High School**

**Katherine Collier**

**Awards:** *Senior 1st Behavioral Sciences*

**Sponsoring Teacher:** Shanna Miller

## **New Harmony School**

### **Abbey Deckard**

**Awards:** *Junior 1st Zoology, Mesker Park Zoo and Botanic Garden, U.S. Navy and Marine Core, Discovery Channel Young Scientist Challenge 2007*

**Sponsoring Teacher:** Lois Gray

## **North Daviess High School**

### **Olivia Graber**

**Awards:** *Senior 1st Medicine, Health, and Gerontology, USI Scholarship*

**Sponsoring Teacher:** Merle Callahan

### **Chelsea Harkness**

**Awards:** *Senior 1st Physics, U.S. Navy and Marine Corps*

**Sponsoring Teacher:** Merle Callahan

### **Breanna Holder**

**Awards:** *Senior 2nd Physics*

**Sponsoring Teacher:** Meral Callahan

### **Austin Lengacher**

**Awards:** *Senior 3rd Physics*

**Sponsoring Teacher:** Merle Callahan

### **Jenna Schaffer**

**Awards:** *Senior 1st Zoology, Purdue University Agriculture Award*

**Sponsoring Teacher:** Connie Atkinson

### **Hannah Scudder**

**Awards:** *Senior 2nd Chemistry and Biochemistry, Yale Science and Engineering Award, ACS-IN/KY Border Section, University of Evansville Options Program, USI Scholarship, Senior Grand Alternate*

**Sponsoring Teacher:** Merle Callahan

### **Lucas Swartzentruber**

**Awards:** *Senior 1st Environmental Science, U.S. Army*

**Sponsoring Teacher:** Merle Callahan

### **Chalee Swartzentruber**

**Awards:** *Senior 2nd Medicine, Health, and Gerontology*

**Sponsoring Teacher:** J. Merle Callahan

### **Stacey Vosters**

**Awards:** *Senior 1st Botany, U.S. Army, USI Scholarship, Senior Grand Award Winner*

**Sponsoring Teacher:** Merle Callahan

**Erin Wilson**

**Awards:** Senior 2nd Microbiology

**Sponsoring Teacher:** Merle Callahan

**Catherine Wittmer**

**Awards:** Senior 3rd Botany

**Sponsoring Teacher:** Merle Callahan

**Audrey Johnson**

**Awards:** Senior 3rd Behavioral Sciences

**Sponsoring Teacher:** Merle Callahan

**Casey Meek**

**Awards:** Senior 3rd Medicine, Health, and Gerontology

**Sponsoring Teacher:** Merle Callahan

**Michael Callison**

**Awards:** Senior 3rd Engineering, U.S. Metric Association

**Sponsoring Teacher:** Merle Callahan

**Lauren Beasley**

**Awards:** Senior 2nd Environmental Science

**Sponsoring Teacher:** Connie Atkinson

**Shannon Winklepleck**

**Awards:** Senior 2nd Botany, Mesker Park Zoo and Botanic Garden

**Sponsoring Teacher:** Connie Atkinson

**Perry Heights**

**Tony Huang**

**Awards:** Junior 1st Botany, U.S. Navy and Marine Core, Discovery Channel Young Scientist Challenge 2007

**Sponsoring Teacher:** Paul Boyle

**Signature School**

**Jaya Sanapati**

**Awards:** Senior 1st Mathematics, Mu Alpha Theta, U.S. Army, Mu Gamma Pi Mathematics Award, USI Scholarship, Senior Grand Alternate Award

**Sponsoring Teacher:** Shannon Hughes