

STATE QUALIFIERS

JUNIOR DIVISION

2005

STATE FAIR FINALISTS (BLUE RIBBON)

1	101 Christine Wanner	Wishek
2	104 Brayden Salzer	Ashley
3	106 Carly Kinzler	Ellendale
4	107 Katie Fletcher	Wimbledon
5	109 Bea Fisher	Ashley
6	111 Josh Morrissey	Ellendale
7	112 Izack Rangeloff	Tappen
8	115 Kayla Musick	Ellendale
9	117 Shantel Slaughter	Tappen
10	125 Phillip Aipperspach	Wishek
11	137 Alura Schweitz	Ellendale
12	141 Becky Spitzer	Ellendale
13	143 Jonathan Juelfs	Tappen
14	148 Caitlin Miller	Ashley
15	150 Krista Martin	Ellendale
16	155 Karayln Klipfel	Ashley

ALTERNATES TO STATE FAIR (HONORABLE MENTION RIBBON)

Rank in order with 1 the best of the alternates.

1	102 Kyle Ketterling	Ellendale
2	105 Michele Kowalski	Wishek
3	123 Shauna Slaughter	Tappen
4	131 Nate Arnold	Ellendale

SENIOR DIVISION

STATE FAIR FINALIST (BLUE RIBBON)

1	202 Keri Hernandez	Ellendale
2	206 Maren Sand	Ellendale
3	208 Michael Kapp	Tappen
4	211 Tony Knox	Ellendale
5	214 Austin Visser	Wimbledon-Courtenay
6	215 Ben Schlepp	Ashley
7	245 Aaron Ost	Jamestown
8	220 Paul Just	Wishek
9	225 Kyla Kinzler	Ellendale
10	255 Laura Juelfs	Tappen
11	256 Denielle Glas	Wishek
12	239 Kaylyn Stroh	Tappen
13	241 Shannon Klein	Wishek
14	246 Adam Bettenhausen	Wishek
15	247 Bridget Rekow	Ellendale
16	262 Logan Redmond	Ellendale

ALTERNATES TO STATE FAIR (HONORABLE MENTION RIBBON)

Rank in order with 1 the best of the alternates.

1	217 Valerie Glynn	Ellendale
2	265 Ana Nykowlayow	Jamestown
3	234 Fan Shuang	Wishek
4	239 Kaylyn Stroh	Tappen

TO BE NAMED AT THE STATE SCIENCE FAIR IN MINOT APRIL 8, 2005.

OUTSTANDING YOUNG SCIENTIST - SR. DIVISION

**RUNNER UP - JAMESTOWN COLLEGE NATURAL SCIENCE DIVISION
\$8,000 SCHOLARSHIP TO JAMESTOWN COLLEGE**

1	#N/A	#N/A
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**SWEEPSTAKE AWARD - TRAVELING TROPHY TO SCHOOL AND FROM
JAMESTOWN COLLEGE NATURAL SCIENCE DIVISION \$10,000 SCHOLARSHIP**

1	#N/A	#N/A
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NATIONAL AWARDS

AMERICAN METEOROLOGICAL SOCIETY

The American Meteorological Society offers two Certificates of Outstanding Achievement to student exhibitors in **Junior or Senior Division** with participation in the atmospheric and related oceanic and hydrologic sciences.

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|--------------------|-------------------|-----------|
| 1. (Certificate) - | 262 Logan Redmond | Ellendale |
| 2. (Certificate) - | #N/A | #N/A |

AMERICAN PSYCHOLOGICAL ASSOCIATION

This award recognizes outstanding research in psychology under the category of behavioral and social sciences.

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|--------------------|------------------|--------|
| 1. (Certificate) - | 239 Kaylyn Stroh | Tappen |
|--------------------|------------------|--------|

ASM INTERNATIONAL FOUNDATION

This award recognizes the winner in **Junior or Senior Division** of the best materials engineering project. Criteria for the award is: 1) best use of materials-related concepts and 2) demonstration of some aspect of the materials paradigm, i.e., structure-processing-properties-performance relationships.

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|--------------------------------|-------------------|--------|
| 1. (Certificate & Medallion) - | 241 Shannon Klein | Wishek |
|--------------------------------|-------------------|--------|

ASSOCIATION FOR WOMEN GEOSCIENTISTS

The Association for Women Geoscientists is pleased to provide an Award Certificate to female students in **Junior or Senior Division** whose projects, in the opinion of the judges, exemplify high standards of innovativeness and scientific excellence in the geosciences. Special consideration will be given to projects that increase the public awareness of the geosciences, illustrate the interdisciplinary nature of the geosciences, or promote the sensitivity to the earth as a global system.

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|--------------------|------|------|
| 1. (Certificate) - | #N/A | #N/A |
|--------------------|------|------|

DISCOVERY YOUNG SCIENTIST CHALLENGE (JR DIVISION ONLY)

The Discovery Young Scientist Challenge is designed to award students in **Junior Division** for their knowledge of science and their ability to communicate effectively about science.

1. (Certificate, lapel pin) -	125 Phillip Aipperspach	Wishek
2. (Certificate, lapel pin) -	141 Becky Spitzer	Ellendale
3. (Certificate, lapel pin) -	106 Carly Kinzler	Ellendale
4. (Certificate, lapel pin) -	107 Katie Fletcher	Wimbledon
5. (Certificate, lapel pin) -	101 Christine Wanner	Wishek
6. (Certificate, lapel pin) -	109 Bea Fisher	Ashley
7. (Certificate, lapel pin) -	115 Kayla Musick	Ellendale
8. (Certificate, lapel pin) -	137 Alura Schweitz	Ellendale
9. (Certificate, lapel pin) -	150 Krista Martin	Ellendale
10. (Certificate, lapel pin) -	155 Karayln Klipfel	Ashley

EASTMAN KODAK AWARD

Eastman Kodak Company's Photographic Award is presented to the project in **Junior or Senior Division** that most effectively uses photography in a science fair project. The Kodak Award is for the best use of photographic images or digital image processing to gather data, solve a problem, or clearly explain the essence of a science project.

1. (Camera & Film) -	202 Keri Hernandez	Ellendale
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HERBERT HOOVER YOUNG ENGINEER AWARD

The **Junior or Senior Division** student should have a good grasp of engineering fundamentals, demonstrate competence in one or more engineering disciplines, and show good communication skills by effectively explaining his/her project.

1. (Certificate & Medallion) -	246 Adam Bettenhausen	Wishek
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INTEL EXCELLENCE IN COMPUTER SCIENCE

Each affiliated fair that has a computer science category may offer **one** Intel Excellence in Computer Science Award to the top first place winner of the Computer Science category in the **Senior Division** portion of the fair.

1. (Certificate, \$200) -	#N/A	#N/A
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INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING

Award to the student in the **Junior or Senior Division** for the best project that applies optics or photonics principles.

1. (Certificate, Entrance into Drawing for \$100)-	202 Keri Hernandez	Ellendale
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U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES

The U.S. Public Health Service offers a special challenge for students in **Junior or Senior Division** to develop science projects in regional science fairs that creatively illustrate and expand upon the following:

1. Regular physical activity throughout life is important for maintaining a healthy body, enhancing psychological well being, and preventing premature death.
2. A healthy diet and regular physical activity are both important for maintaining a healthy weight.
3. Tobacco use is a major risk factor for heart disease, stroke, lung cancer, and chronic lung diseases-all leading causes of death.

1. (Certificate) - #N/A #N/A

U.S. METRIC ASSOCIATION

The U.S. Metric Association is providing one certificate to be presented to the student in **Junior or Senior Division** whose project involves a significant amount of quantitative measurement and which best uses the SI metric system for those measurements.

1. (Certificate) - 256 Denielle Glas Wishek

WATER ENVIRONMENTAL FEDERATION

This award is presented to the best science fair project in **Junior or Senior Division** related to water quality, water resource management, water protection, water or wastewater treatment.

1. (Certificate) - 111 Josh Morrissey Ellendale

YALE SCIENCE AND ENGINEERING AWARD

The Yale Science and Engineering award is presented to the most outstanding **11th grade student** exhibiting in the areas of Computer Science, Engineering, Physics, or Chemistry.

1. (Certificate) - 208 Michael Kapp Tappen

MILITARY AWARDS

U.S. AIR FORCE

SR. DIVISION

1. (Planning Calendar, Certificate) - 202 Keri Hernandez Ellendale
2. (Planning Calendar, Certificate) - 259 Rachelle Hildenbrand Ellendale

JR. DIVISION

1. (Planning Calendar, Certificate) - 150 Krista Martin Ellendale
2. (Planning Calendar, Certificate) - 141 Becky Spitzer Ellendale

U.S. ARMY

The Army Awards Program provides recognition to outstanding student exhibitors in the categories of Engineering, Environmental Sciences, Life Sciences, Mathematics/Computer Sciences, and Physical Sciences. Exhibitors in **grades 9 through 12** are eligible for recognition.

Categories:

1. **Engineering:** (Certificate) - 202 Keri Hernandez Ellendale
2. **Environmental Sciences:** (may include projects in Earth and Space or Environmental Sciences) - (Certificate) - 214 Austin Visser Wimbledon-Courtenay
3. **Mathematics/Computer Science:** (Certificate) - #N/A #N/A
4. **Life Sciences:** (may include projects in Behavioral and Social Sciences, Medicine and Health, Microbiology, Zoology, or Botany) - (Certificate) - 217 Valerie Glynn Ellendale
5. **Physical Sciences:** (may include projects in Biochemistry, Chemistry, or Physics) (Certificate) - 211 Tony Knox Ellendale
6. **Select 3 individuals from the above categories (No Ranking Necessary)**
 1. Army Black Polo Shirt 202 Keri Hernandez Ellendale
 2. Army Black Polo Shirt 211 Tony Knox Ellendale
 3. Army Black Polo Shirt 217 Valerie Glynn Ellendale

OUTSTANDING CATEGORY WINNER: *Select from # 6* (Medallion) - 202 Keri Hernandez Ellendale

7. 10 Additional Projects Can Be Recognized

1. (Certificate) - 261 Eddy Delzer Ashley
2. (Certificate) - 260 Corey Kapp Tappen
3. (Certificate) - 241 Shannon Klein Wishek
4. (Certificate) - 246 Adam Bettenhausen Wishek
5. (Certificate) - 249 Jentry Neu Ashley
6. (Certificate) - 245 Aaron Ost Jamestown
7. (Certificate) - 216 Kasandra Huber Wishek
8. (Certificate) - 206 Maren Sand Ellendale
9. (Certificate) - 220 Paul Just Wishek
10. (Certificate) - #N/A #N/A

U.S. NAVY/U.S. MARINES

Students in **Junior and Senior Divisions** whose projects are considered to demonstrate excellence in science or engineering can be recognized as U.S. Navy and Marine Corps Distinguished Achievement winners.

JR. DIVISION

1. (Certificate & Medallion) - 125 Phillip Aipperspach Wishek
2. (Certificate & Medallion)- 141 Becky Spitzer Ellendale
3. (Certificate & Medallion) - 150 Krista Martin Ellendale

SR. DIVISION

1. (Certificate & Medallion) - 254 Sean Blumhardt Ellendale
2. (Certificate & Medallion)- 255 Laura Juelfs Tappen

REGIONAL AWARDS

BEST BEHAVIORAL & SOCIAL SCIENCE PROJECTS

PROGRESS ENTERPRISES

The award is presented to the most outstanding project in **Junior and Senior Division** related to Behavioral & Social Sciences. Plaque to first place winner and certificate to second place winner.

JR. DIVISION

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|--------------------|-------------------------|--------|
| 1. (Plaque) - | 104 Brayden Salzer | Ashley |
| 2. (Certificate) - | 108 Tayler Kinnischtzke | Tappen |

SR. DIVISION

- | | | |
|--------------------|------------------|-----------|
| 1. (Plaque) - | 239 Kaylyn Stroh | Tappen |
| 2. (Certificate) - | 242 Nathan Molan | Ellendale |

BEST BOTANY PROJECTS

DICKEY AND LAMOURE EXTENSION SERVICE OFFICES

The award is presented to the most outstanding project in **Junior and Senior Division** related to Botany. Plaque to first place winner and certificate to second place winner.

JR. DIVISION

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|--------------------|-------------------------|-----------|
| 1. (Plaque) - | 125 Phillip Aipperspach | Wishek |
| 2. (Certificate) - | 137 Alura Schweitz | Ellendale |

SR. DIVISION

- | | | |
|--------------------|------------------------|-----------|
| 1. (Plaque) - | 235 Cody Smith | Ellendale |
| 2. (Certificate) - | 238 Katrina Ketterling | Ellendale |

BEST MEDICAL PROJECTS

WISHEK COMMUNITY HOSPITAL

The award is presented to the most outstanding project in **Junior Division** related to the medical field. Plaque to first place winner and certificate to second place winner.

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|--------------------|-------------------|-----------|
| 1. (Plaque) - | 150 Krista Martin | Ellendale |
| 2. (Certificate) - | 135 Kristy Bosch | Wishek |

ELLENDALE AVERA ST. LUKES CLINIC

The award is presented to the most outstanding project in **Senior Division** related to the medical field. Plaque to first place winner and certificate to second place winner.

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|--------------------|--------------------|-----------|
| 1. (Plaque) - | 247 Bridget Rekow | Ellendale |
| 2. (Certificate) - | 244 Brittany Woehl | Ashley |

BEST CHEMISTRY PROJECTS

AMERICAN CHEMICAL SOCIETY (Red River Valley Section)

Award is presented to the Outstanding Chemistry or Chemistry Related Project.

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|---------------------------|------------------|--------|
| 1. (\$100 Savings Bond) - | 255 Laura Juelfs | Tappen |
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J FAMILY FARMS

Award is presented to the Outstanding **Junior Division** Chemistry or Chemistry Related Project. Plaque to first place winner and certificate to second place winner.

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|--------------------|---------------------|-----------|
| 1. (Plaque) - | 111 Josh Morrissey | Ellendale |
| 2. (Certificate) - | 155 Karayln Klipfel | Ashley |

MISCELLANEOUS

CAVENDISH FARMS

Awarded to the project for best illustration of scientific principles, i.e., the best use of the scientific method.

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|--------------------------|-------------------|-----------|
| 1. (Certificate, \$50) - | 247 Bridget Rekow | Ellendale |
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CONSERVATION/ENVIRONMENTAL

COALITION FOR CONSERVATION AND ENVIRONMENTAL EDUCATION

A large purple rosette ribbon is presented for a Grand Champion Environmental Award in **Junior or Senior Division** for regional competition.

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|------------------------------|------|------|
| 1. (Purple Rosette Ribbon) - | #N/A | #N/A |
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WILDLIFE

CONSERVATION-STUTSMAN COUNTY WILDLIFE FEDERATION

JR. DIVISION

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|--------------------|------|------|
| 1. (Plaque) - | #N/A | #N/A |
| 2. (Certificate) - | #N/A | #N/A |

SR. DIVISION

- | | | |
|--------------------|------|------|
| 1. (Plaque) - | #N/A | #N/A |
| 2. (Certificate) - | #N/A | #N/A |

BEST ENERGY PROJECTS

DAKOTA VALLEY ELECTRIC COOPERATIVE

The award is presented to the most outstanding project in **Junior Division** related to energy or energy principles. Plaque to first place winner and certificate to second place winner.

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|--------------------|------------------|-----------|
| 1. (Plaque) - | 115 Kayla Musick | Ellendale |
| 2. (Certificate) - | 127 Jason Stroh | Tappen |

MONTANA DAKOTA UTILITIES ENERGY AWARD

The award is presented to the most outstanding project in **Senior Division** related to energy or energy principles. Plaque to first place winner and certificate to second place winner.

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|--------------------|-----------------------|-----------|
| 1. (Plaque) - | 262 Logan Redmond | Ellendale |
| 2. (Certificate) - | 246 Adam Bettenhausen | Wishek |

BEST ENGINEERING PROJECTS

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

The award is presented to the most outstanding project in **Junior and Senior Division** related to Engineering. Plaque to first place winner and certificate to second place winner in each division.

JR. DIVISION

- | | | |
|--------------------|-----------------------|-----------|
| 1. (Plaque) - | 132 Thomas Otto | Wimbledon |
| 2. (Certificate) - | 152 Nicholas Weippert | Tappen |

SR. DIVISION

- | | | |
|--------------------|--------------------|-----------|
| 1. (Plaque) - | 241 Shannon Klein | Wishek |
| 2. (Certificate) - | 202 Keri Hernandez | Ellendale |

BEST MATHEMATICS/PHYSICS PROJECTS

WISHEK STEEL & MANUFACTURING

The award is presented to the most outstanding project in **Junior Division** related to Mathematics and Physics. Plaque to first place winner and certificate to second place winner.

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|--------------------|--------------------|--------|
| 1. (Plaque) - | 113 Dylan Ehlers | Ashley |
| 2. (Certificate) - | 148 Caitlin Miller | Ashley |

SAYLER IMPLEMENT INC. - WISHEK

The award is presented to the most outstanding project in **Senior Division** related to Mathematics and Physics. Plaque to first place winner and certificate to second place winner.

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|--------------------|--------------------|-----------|
| 1. (Plaque) - | 231 Michaela Smith | Jamestown |
| 2. (Certificate) - | 234 Fan Shuang | Wishek |

CONSERVATION/AGRICULTURAL

STUTSMAN COUNTY SOIL CONSERVATION

The award is presented to the best conservation-agriculture project in **Junior and Senior Divisions**. Plaque to first place winner and certificate to second place winner in each division.

JR. DIVISION

- | | | |
|--------------------|-------------------------|-----------|
| 1. (Plaque) - | 125 Phillip Aipperspach | Wishek |
| 2. (Certificate) - | 137 Alura Schweitz | Ellendale |

SR. DIVISION

- | | | |
|--------------------|------|------|
| 1. (Plaque) - | #N/A | #N/A |
| 2. (Certificate) - | #N/A | #N/A |

DRINKING WATER RELATED

RURAL WATER USERS ASSOCIATION

The award is presented to the most outstanding project in **Junior or Senior Division** related to drinking water.

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|----------------------|----------------|--------|
| 1. (Plaque & \$50) - | 109 Bea Fisher | Ashley |
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BEST ZOOLOGY PROJECTS

PRAIRIE VETERINARY HOSPITAL, WISHEK VETERINARY CLINIC, ELLENDALE ANIMAL HOSPITAL

The award is presented to the most outstanding project in ***Junior and Senior Divisions*** related to Zoology. Plaque to first place winner and certificate to second place winner.

JR. DIVISION

- | | | |
|--------------------|-----------------------|--------|
| 1. (Plaque) - | 104 Brayden Salzer | Ashley |
| 2. (Certificate) - | 117 Shantel Slaughter | Tappen |

SR. DIVISION

- | | | |
|--------------------|------|------|
| 1. (Plaque) - | #N/A | #N/A |
| 2. (Certificate) - | #N/A | #N/A |