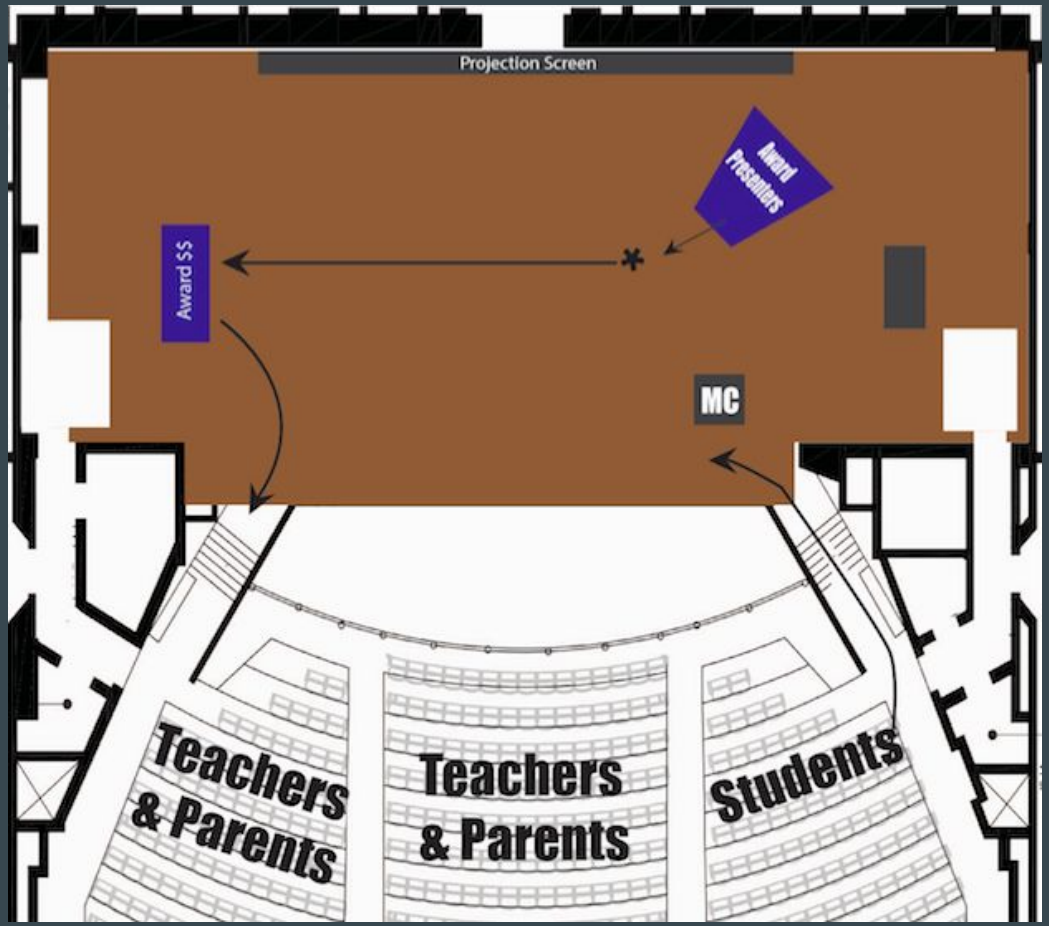
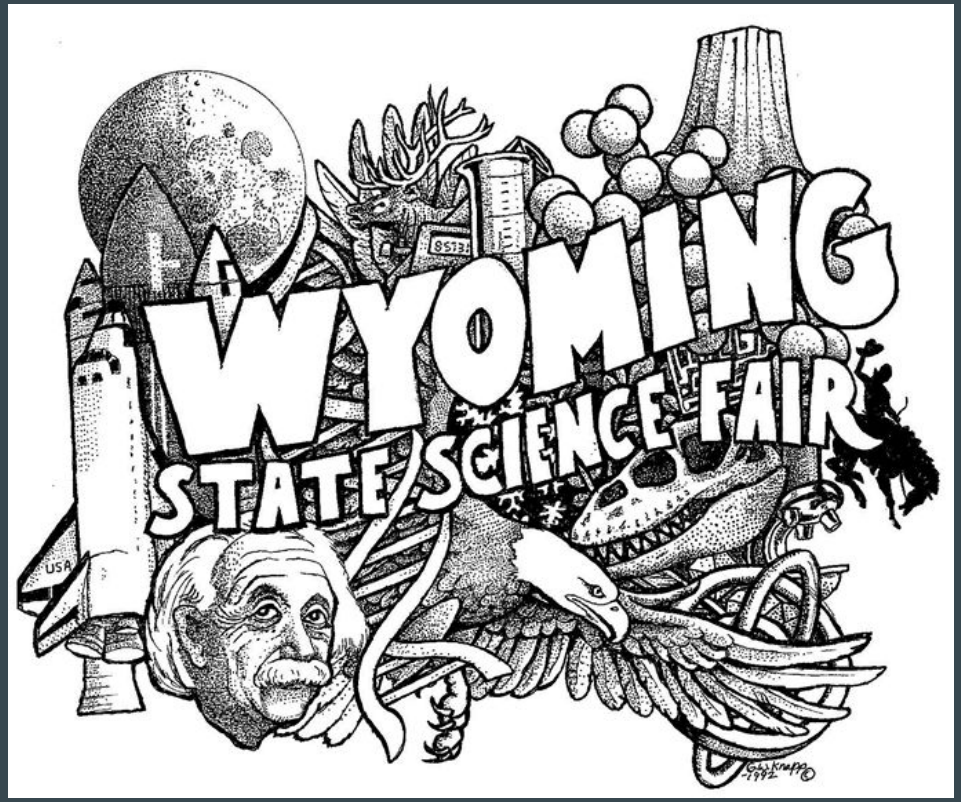

Projection Screen
Award Presenters
Award $$
MC
Teachers & Parents
Teachers & Parents
Students

2017 Wyoming State Science Fair Awards



Animal & Plant Sciences

Animal & Plant Sciences -Junior Division

3rd Place

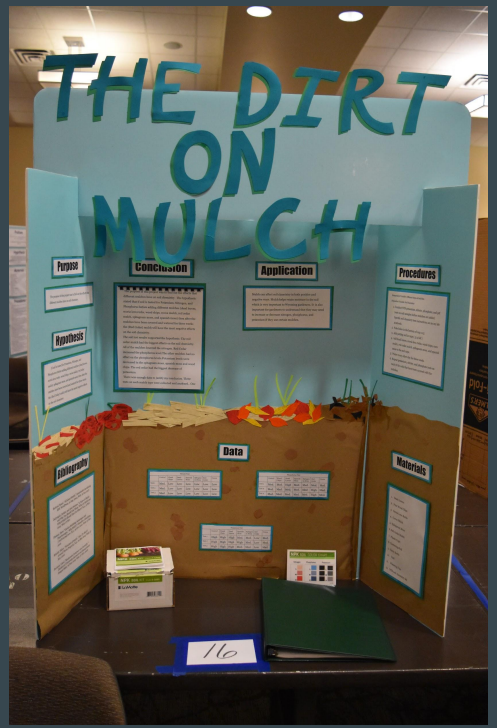
Keeping the Sage in Sage Grouse

Theresa Bautz

Lander Middle School

Lander, WY

Animal & Plant Sciences -Junior Division



2nd Place

The Dirt On Mulch

Tanner Roberts

Pinedale Middle School

Pinedale, WY

Animal & Plant Sciences -Junior Division

1st Place

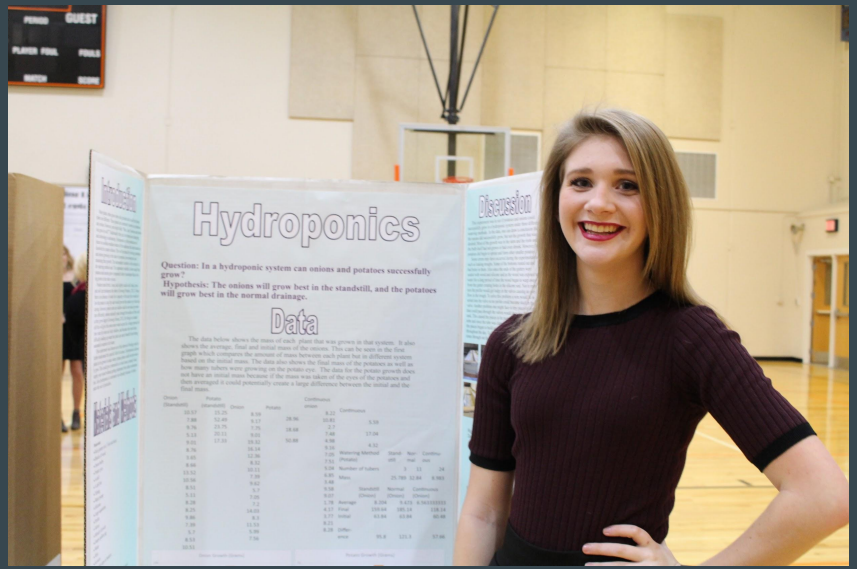
Artificial Insemination Fresh vs. Frozen Semen

Bree Coxbill

Southeast Jr/Sr High

Torrington, WY

Animal & Plant Sciences -Senior Division



3rd Place

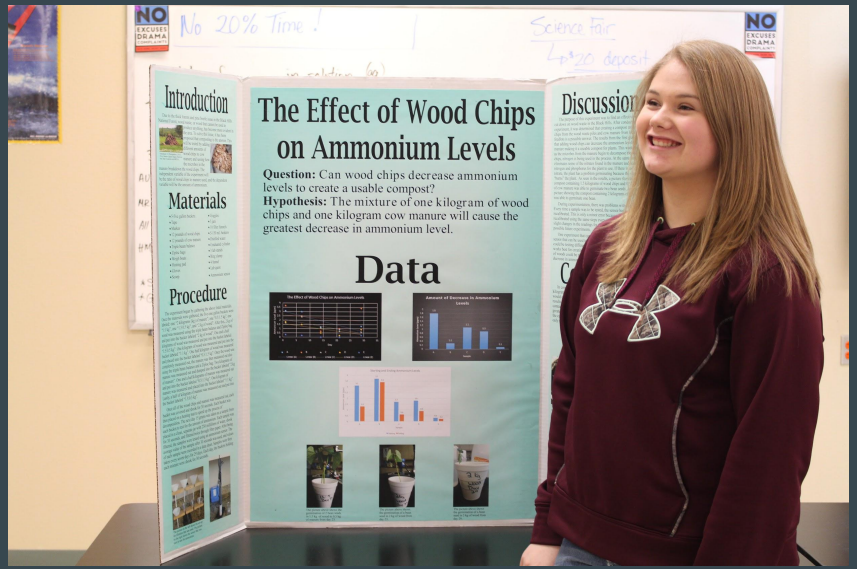
Hyroponics

Kellar Bock

Newcastle High School

Newcastle, WY

Animal & Plant Sciences -Senior Division



2nd Place

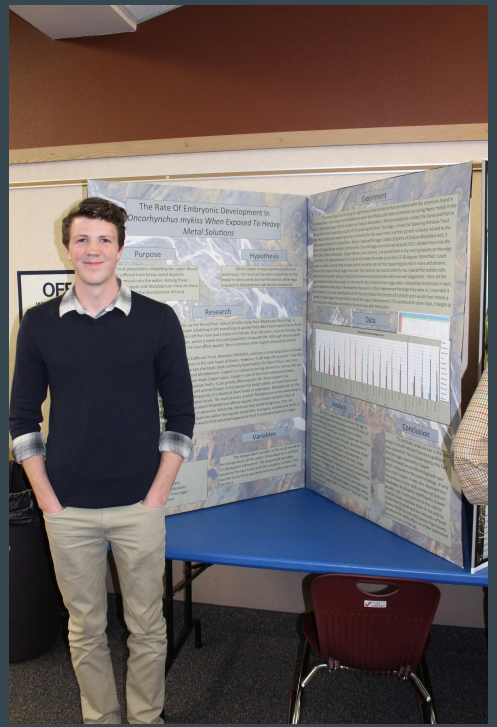
The Effect of Wood Chips on Ammonium Levels

Courtney Rainbolt

Newcastle High School

Newcastle, WY

Animal & Plant Sciences -Senior Division



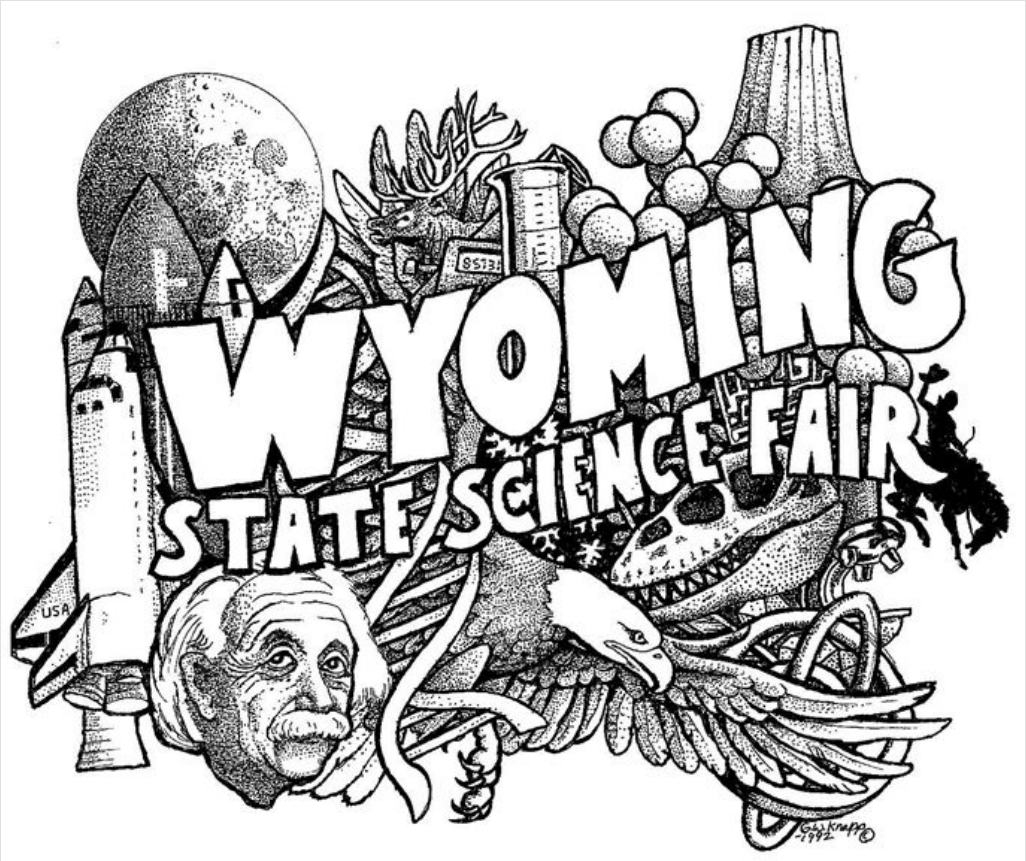
1st Place

The embryonic development of Oncorhynchus Mykiss When Exposed to Heavy Metal Solutions

Colton Curtis

Meeteetse High School

Meeteetse, WY



Behavioral & Social Sciences

Behavioral & Social Sciences -Junior Division

3rd Place

When Words Fail Music Speaks

Aiden Chandler and Samuel Belmont

Powell Middle School

Powell, WY

Behavioral & Social Sciences -Junior Division

2nd Place

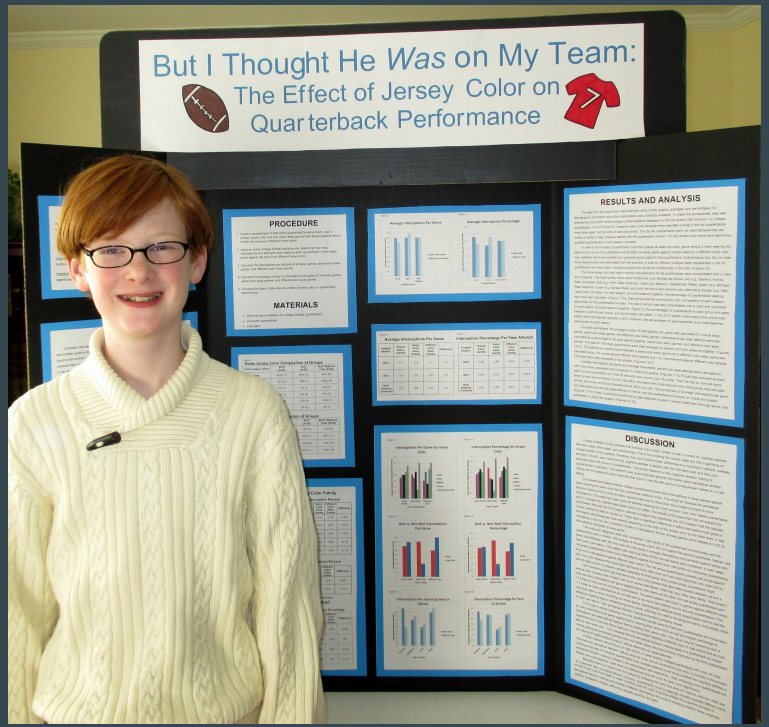
Tall Tales

Gage Gose

Lander Middle School

Lander, WY

Behavioral & Social Sciences -Junior Division



1st Place

But I Thought He Was On My Team! The Effect of Jersey Color on Quarterback Performance

Colmcille Rottinghaus

Lander Catholic Home School

Lander, WY

Behavioral & Social Sciences -Senior Division

3rd Place

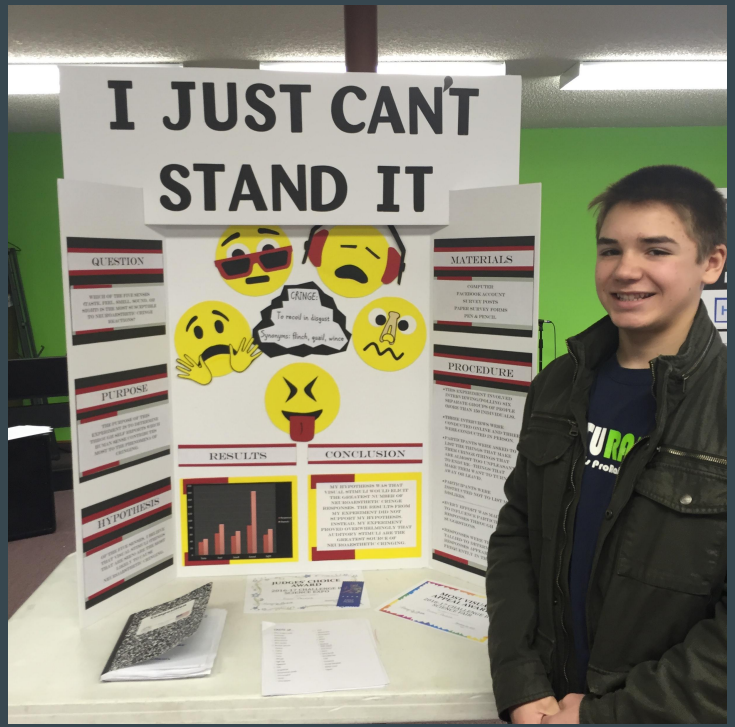
Liar, Liar

Heather Michaelis and Megan Kenney

Newcastle High School

Newcastle, WY

Behavioral & Social Sciences -Senior Division



2nd Place

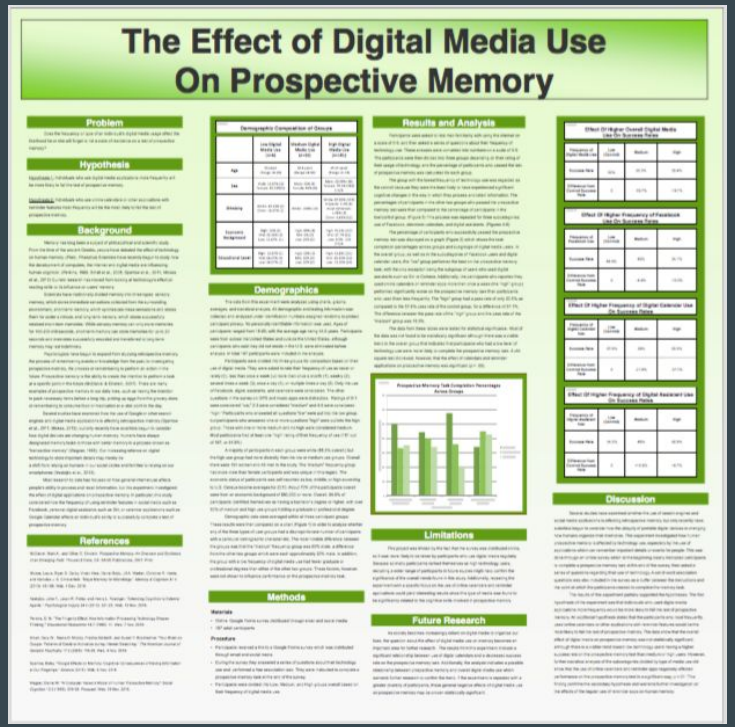
I Just Can't Stand It

Samuel Palmer

Casper Homeschool

Casper, WY

Behavioral & Social Sciences -Senior Division



1st Place

The Effect of Digital Media Use On Prospective Memory

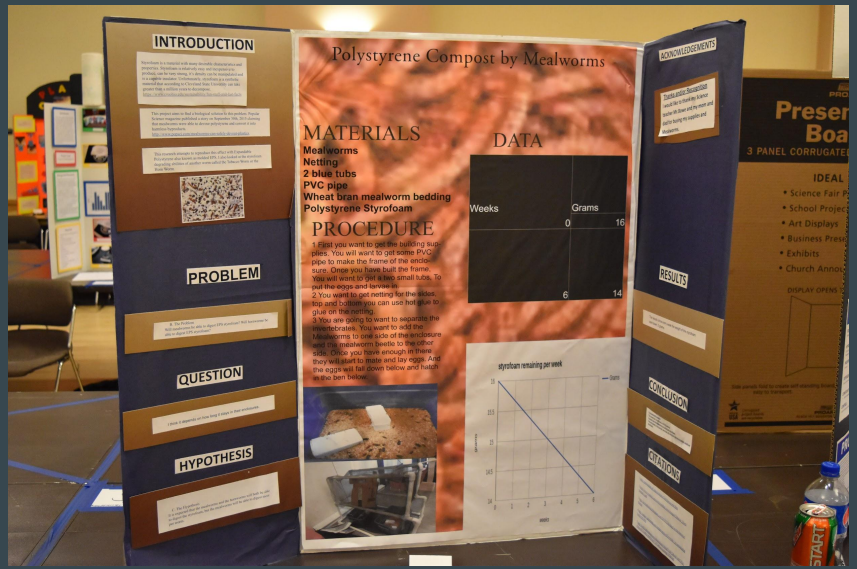
Fiachra Rottinghaus

Lander Catholic Homeschool

Lander, WY

Biochemistry & Biological Sciences

Biochemistry & Biological Sciences -Junior Division



3rd Place

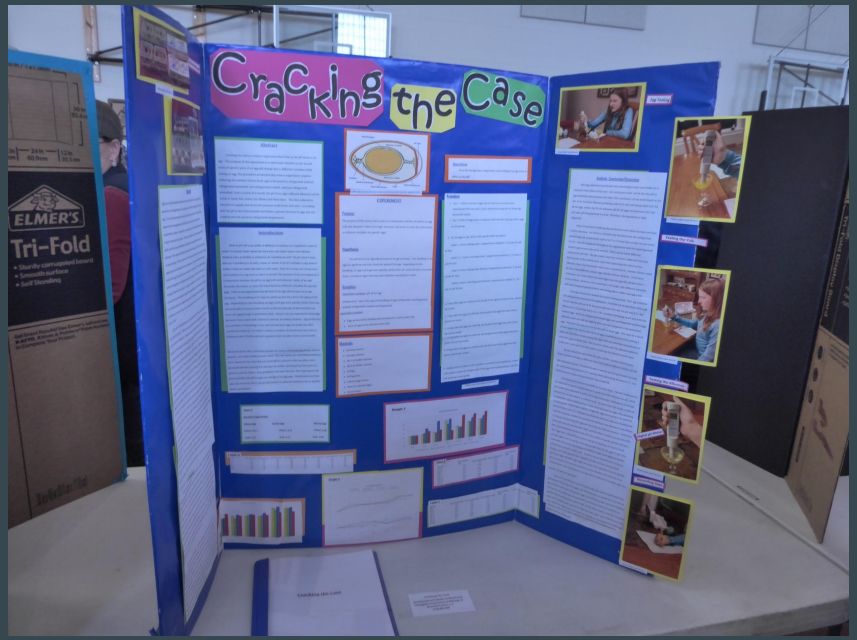
Polystyrene Compost By Mealworms

Weston Haley

Greybull Middle School

Greybull, WY

Biochemistry & Biological Sciences -Junior Division



2nd Place

Cracking the Case

Bailey Benson

Wheatland Middle School

Wheatland, WY

Biochemistry & Biological Sciences -Junior Division

1st Place

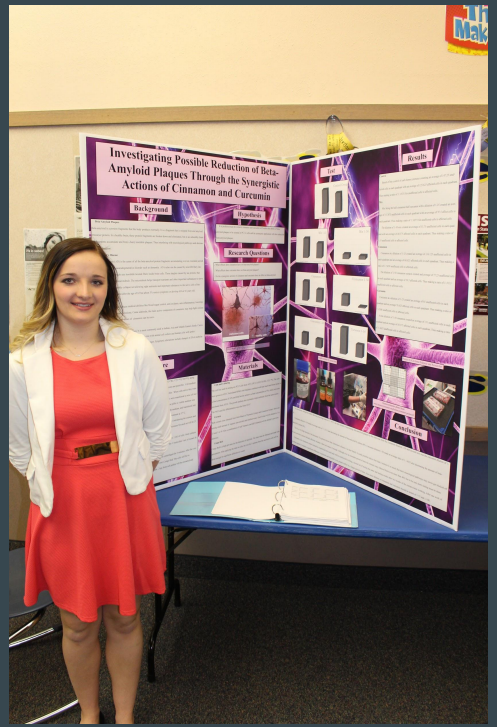
The 81mg Flip

Riley Shaw

Lusk Middle School

Lusk, WY

Biochemistry & Biological Sciences -Senior Division



2nd Place

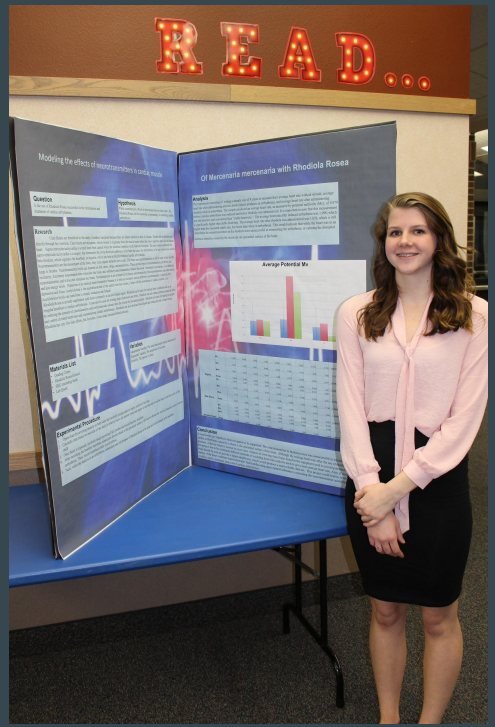
Investigating possible Reduction of Beta-Amyloid Plaques Through the Synergistic Action of Cinnamon and Curcumin

Julianne Carlson

Greybull High School

Greybull, WY

Biochemistry & Biological Sciences -Senior Division



1st Place

Modeling the Effects of Neurotransmitters in the Cardiac Muscle of Mecenari With Rhodiolarosea

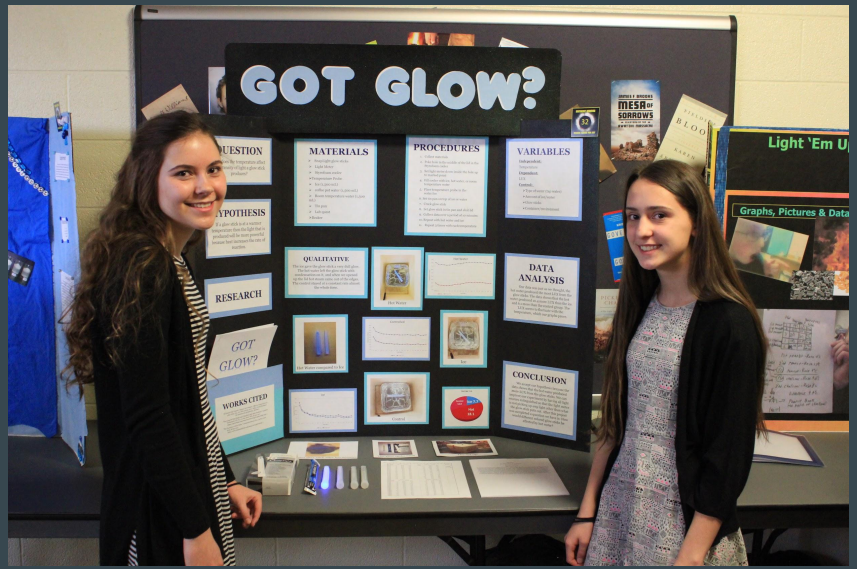
Devon Curtis

Meeteetse High School

Meeteetse, WY

Chemistry/ Energy: Chemical

Chemistry/ Energy: Chemical -Junior Division



3rd Place

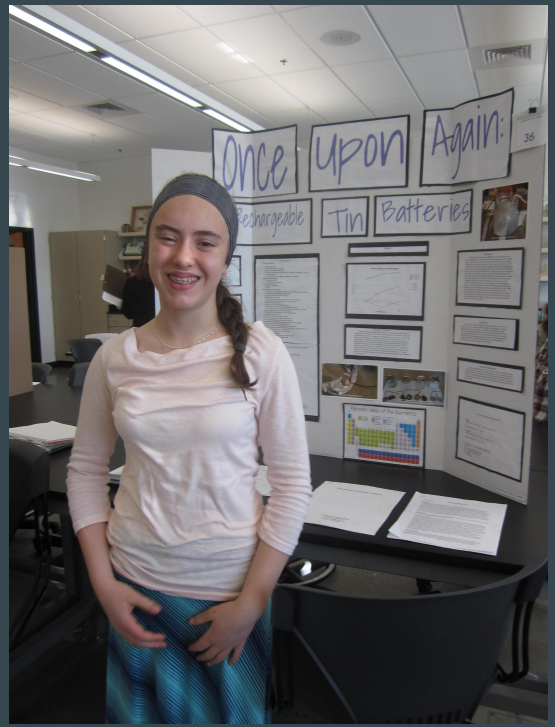
Got Glow?

Jaycee Myrtle and Sheela Flury

Southeast School

Torrington, WY

Chemistry/ Energy: Chemical -Junior Division



2nd Place

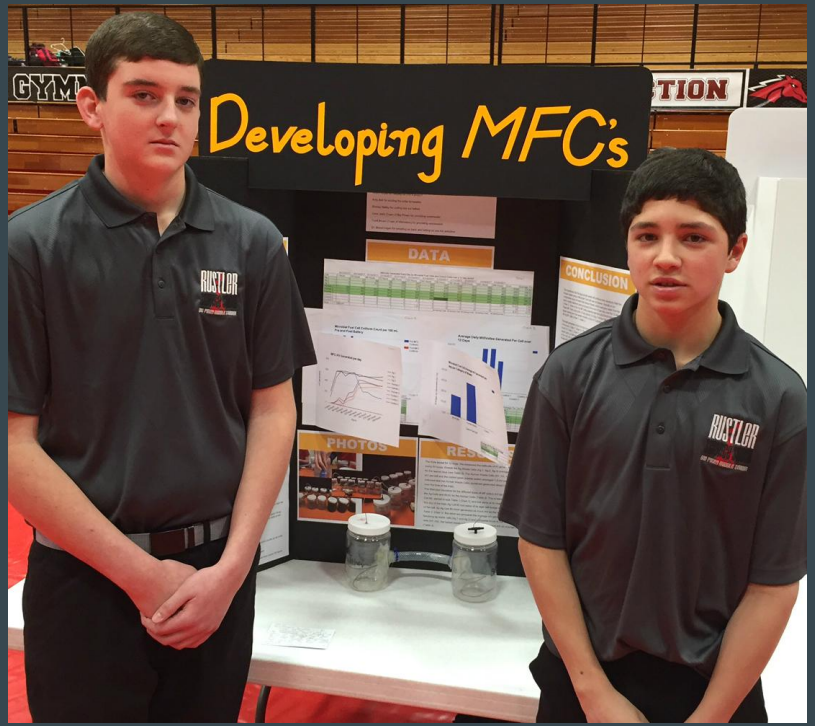
Once Upon Again: Rechargeable Tin Batteries

Abby Copeland

Lander Middle School

Lander, WY

Chemistry/ Energy: Chemical -Junior Division



1st Place

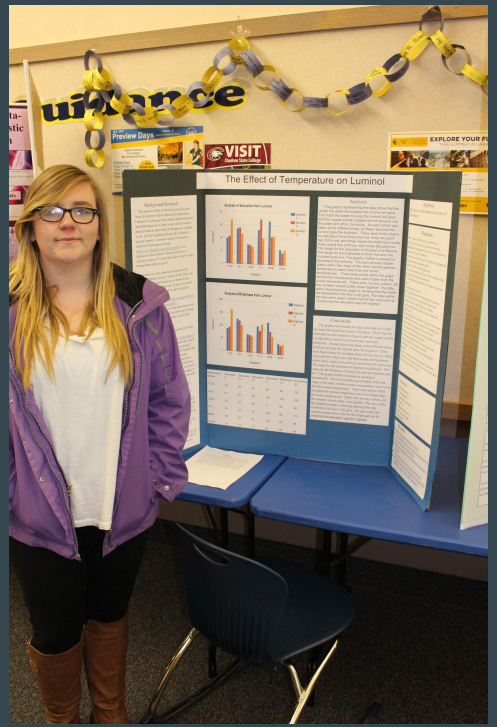
Developing Microbial Fuel Cell

Carlos Munoz and Nathan Maxfield

Big Piney Middle School

Marbleton & Big Piney, WY

Chemistry/ Energy: Chemical -Senior Division



3rd Place

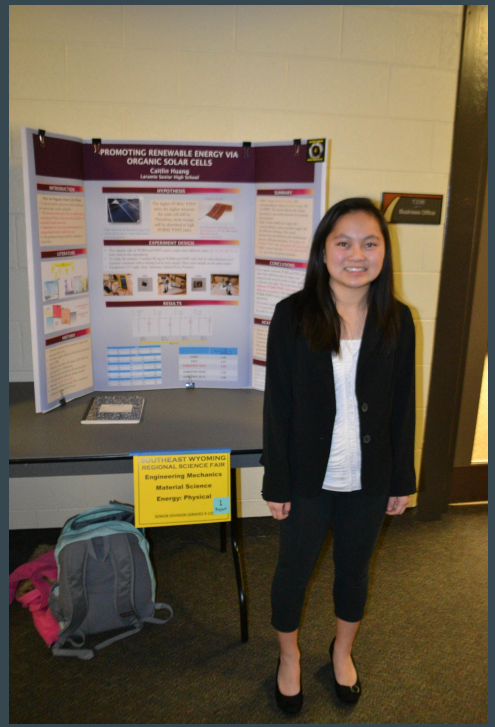
The Effect of Temperature on Alminol

Alicia Brock

Meeteetse High School

Meeteetse, WY

Chemistry/ Energy: Chemical -Senior Division



2nd Place

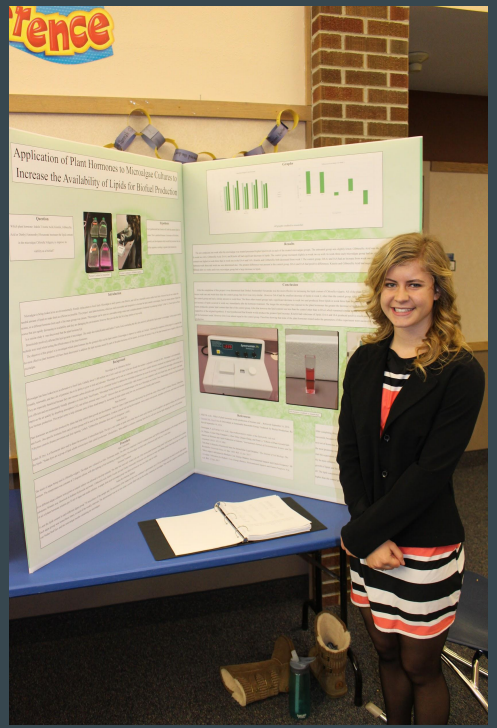
Promoting Renewable Energy Via Organic Solar Cells

Caitlin Huang

Laramie High School

Laramie, WY

Chemistry/ Energy: Chemical -Senior Division



1st Place

Application of Plant Hormones to Microalgae Cultures to Increase the Availability of Lipids for Biofuel Production

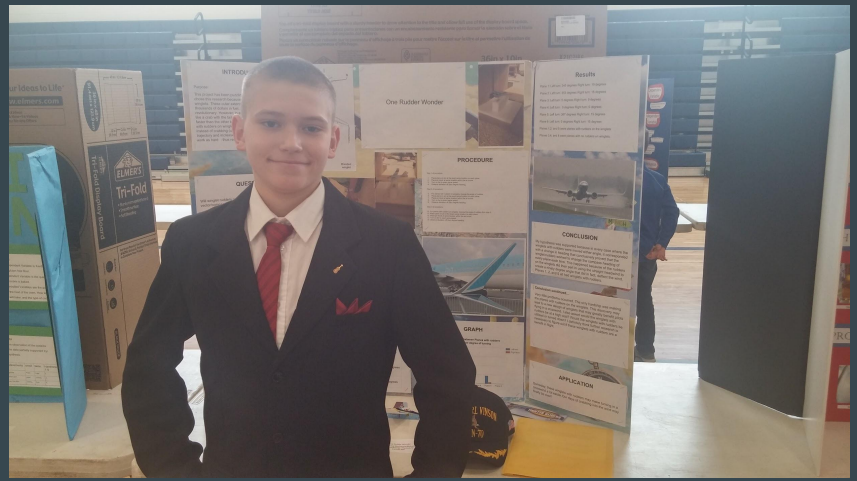
Makyela Sorensen

Greybull High School

Greybull, WY

Engineering Sciences & Energy: Physical

Engineering Sciences & Energy: Physical -Junior Division



3rd Place

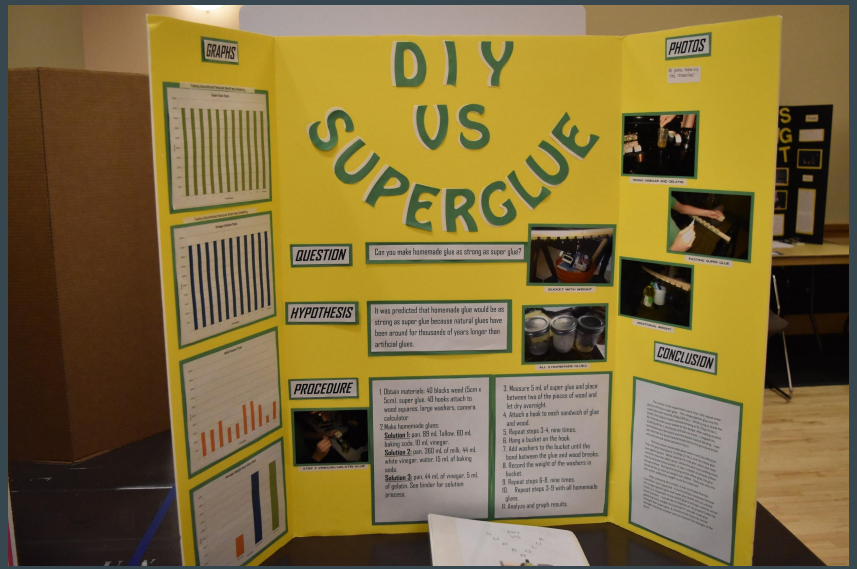
One Rudder Wonder

Charles Koval

Sheridan Junior High

Sheridan, WY

Engineering Sciences & Energy: Physical -Junior Division



2nd Place

DIY Vs Super Glue

Nathan Ulery

Holy Name Catholic School

Sheridan, WY

Engineering Sciences & Energy: Physical -Junior Division

1st Place

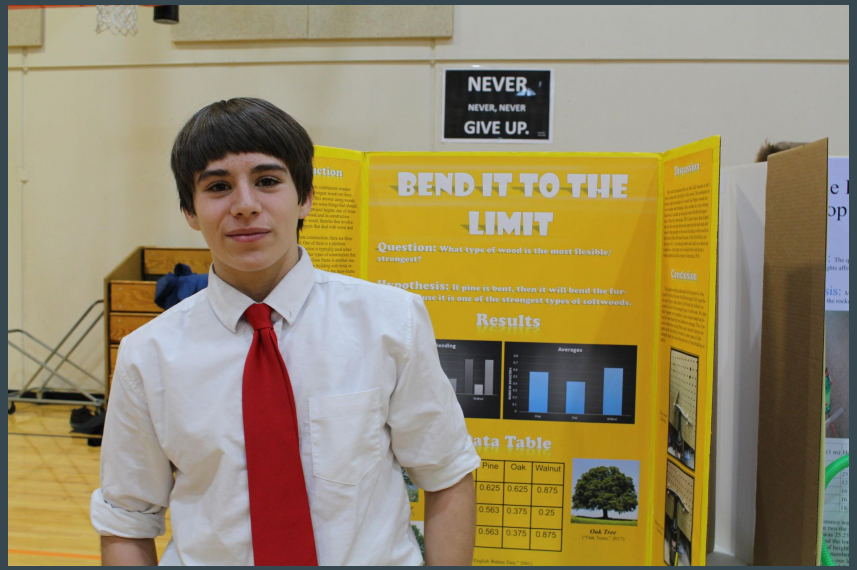
Delta Power

Ethan Adkins

Pinedale Middle School

Pinedale, WY

Engineering Sciences & Energy: Physical -Senior Division



3rd Place

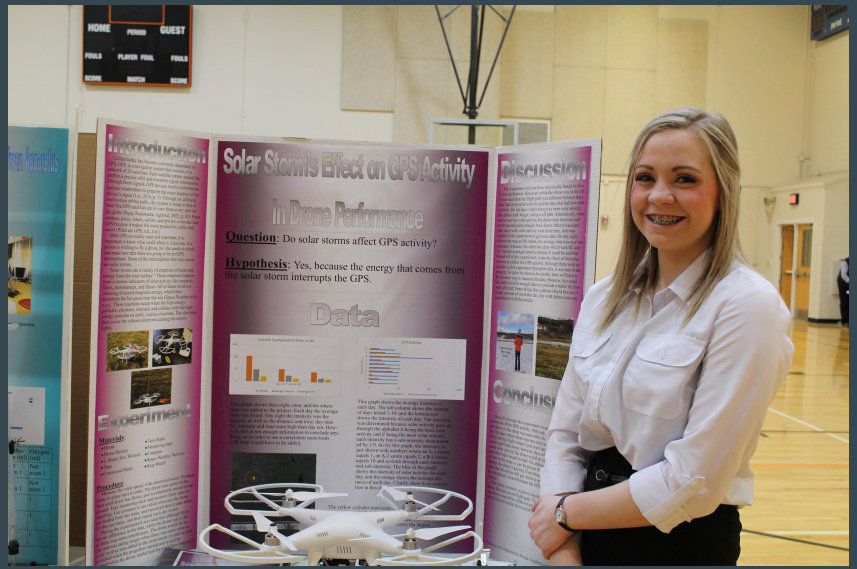
Bend It To The Limit

Bradyn Frye

Newcastle High School

Newcastle, WY

Engineering Sciences & Energy: Physical -Senior Division



2nd Place

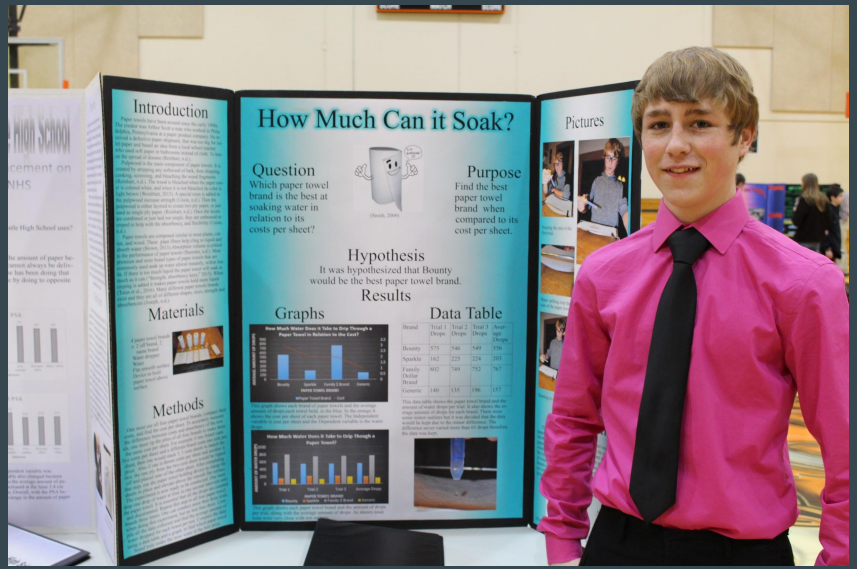
Solar Storm's Effect on GPS Activity in Drone Performance

Alyssa Umphlett

Newcastle High School

Newcastle, WY

Engineering Sciences & Energy: Physical -Senior Division



1st Place

How Much Can it Soak?

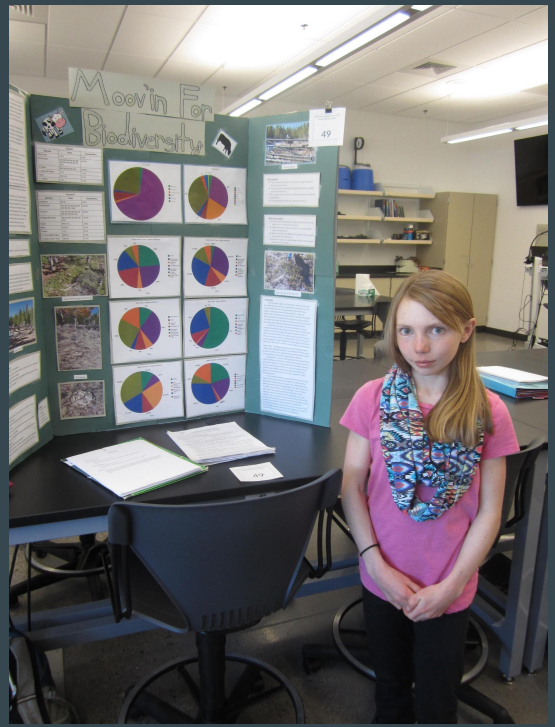
Jacob Rhoades

Newcastle High School

Newcastle, WY

Environmental Sciences & Engineering

Environmental Sciences & Engineering -Junior Division



3rd Place

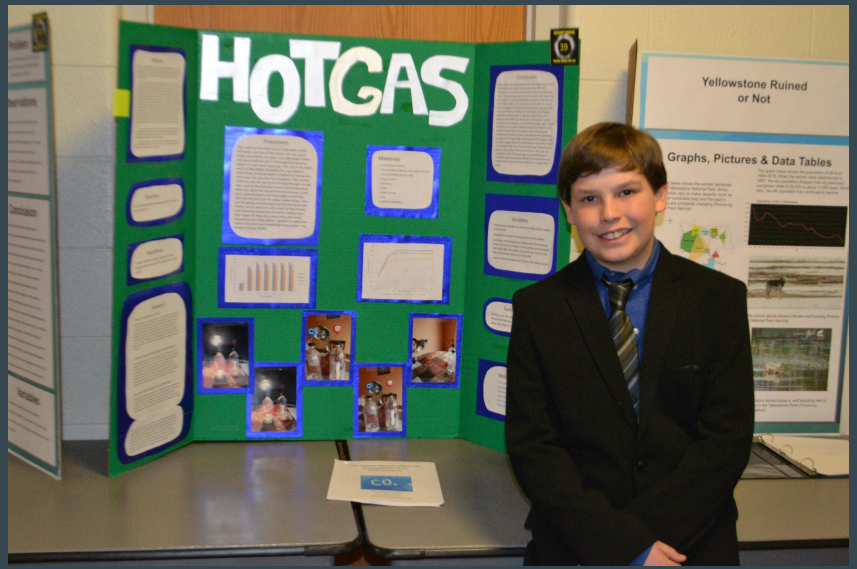
Moovin' For Biodiversity

Sierra Lloyd

Lander Middle School

Lander, WY

Environmental Sciences & Engineering -Junior Division



2nd Place

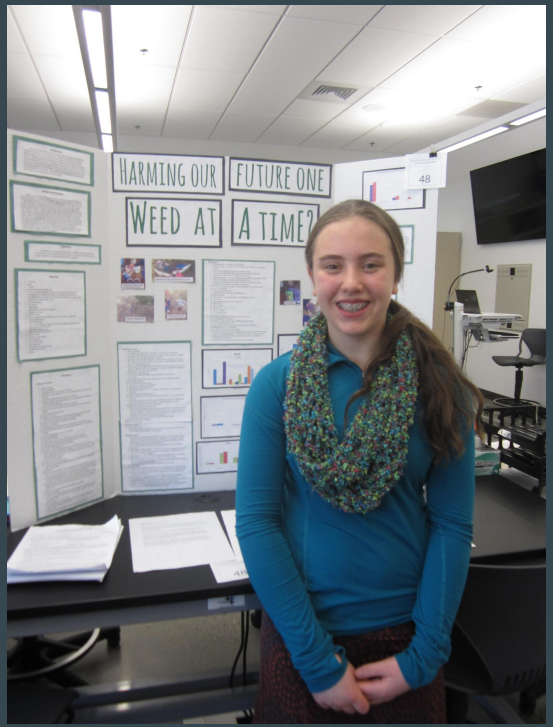
Hot Gas

Evan Anderson

Davis Elementary

Cheyenne, WY

Environmental Sciences & Engineering -Junior Division



1st Place

Harming Our Future One Weed At A Time

Mia Copeland

Lander Middle School

Lander, WY

Environmental Sciences & Engineering -Senior Division

3rd Place

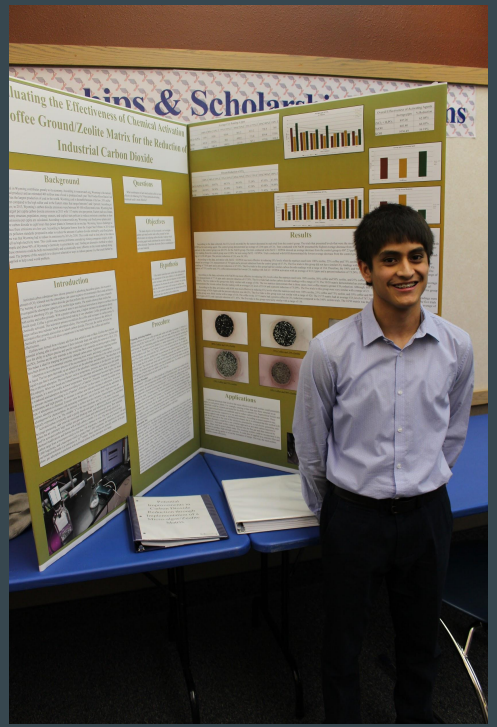
Evaluating The Effectiveness Of A Hydrogel-Fertilizer Matrix To Improve Seed Germination

Dante Sylvester

Greybull High School

Greybull, WY

Environmental Sciences & Engineering -Senior Division



2nd Place

Evaluating The Effectiveness Of Chemical Activation Of Coffee Ground/Zeolite Matrix For The Reduction Of Industrial Carbon Dioxide

Eduardo Burgos

Greybull High School

Emblem, WY

Environmental Sciences & Engineering -Senior Division

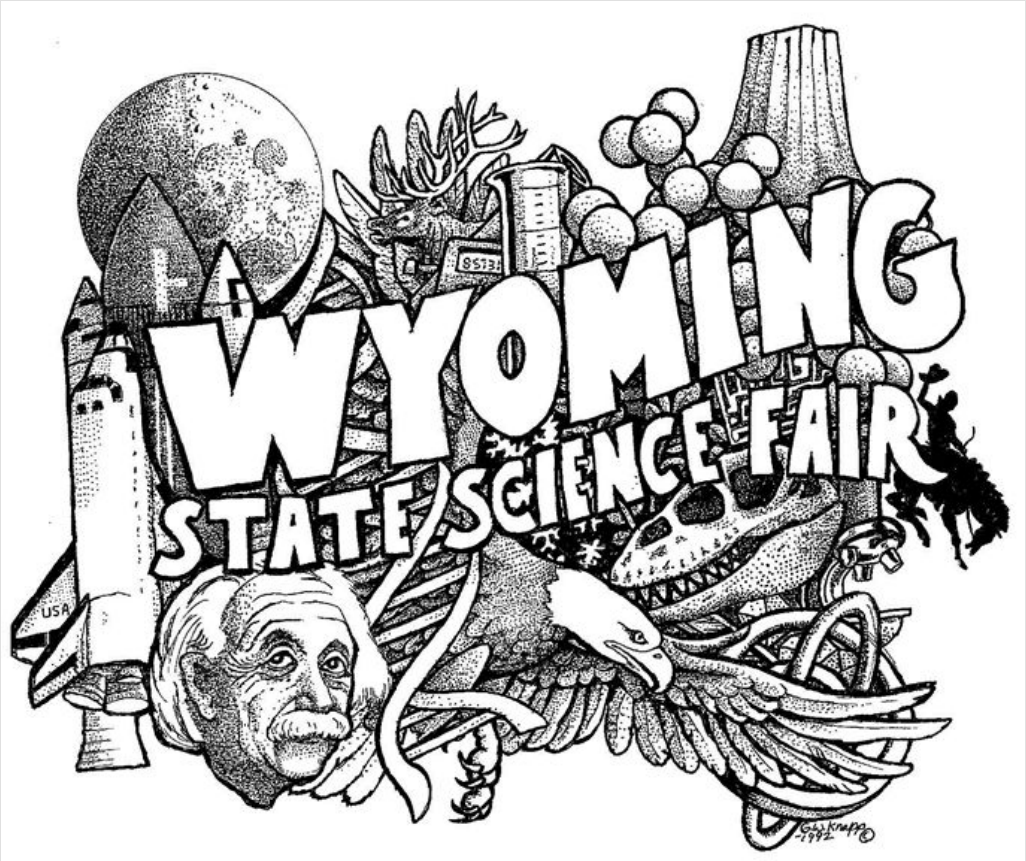
1st Place

Determination Of Soil VOC Content Due To Coal Dust Deposition Along Major Railroad Transportation Routes

Sierra Spears

Lingle-Fort Laramie High

Lingle, WY



Mathematics

Mathematics -Junior Division

3rd Place

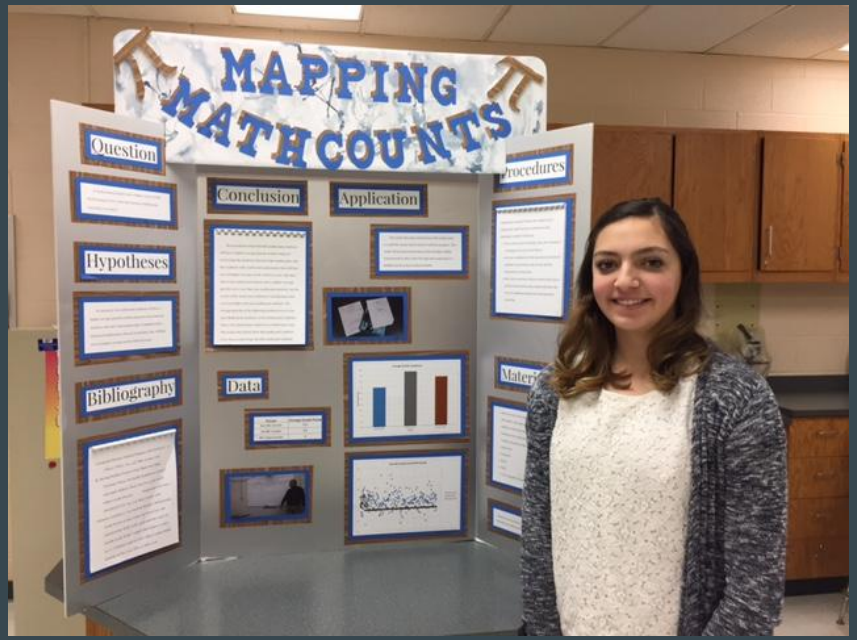
Stepping High

Benjamin Browning

Lander Middle School

Lander, WY

Mathematics -Junior Division



2nd Place

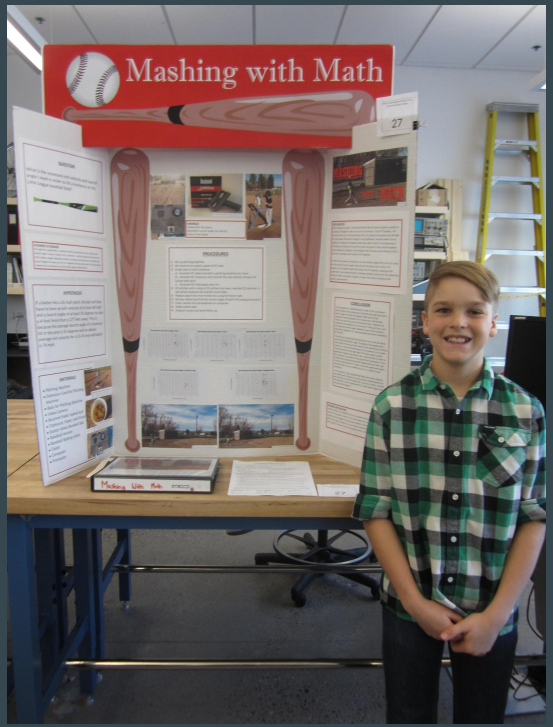
Mapping Math Counts

Preslie Simkins

Pinedale Middle School

Pinedale, WY

Mathematics -Junior Division



1st Place

Smashing With Math

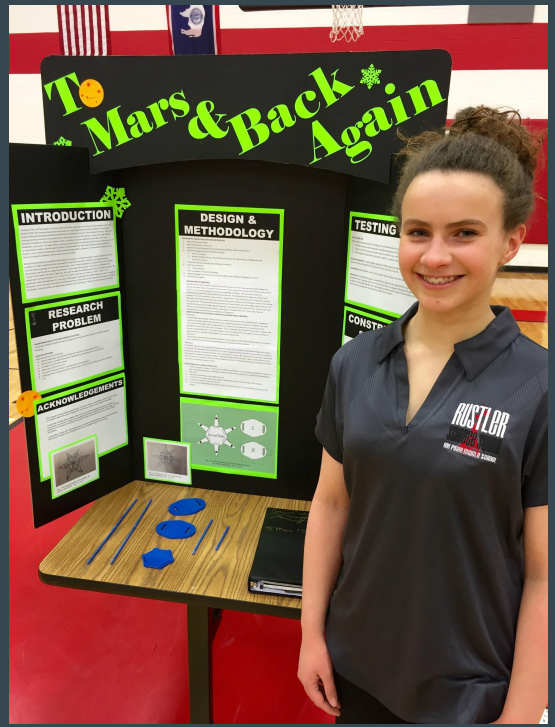
Gabriel Harris

Lander Middle School

Lander, WY

Medical Sciences

Medical Sciences -Junior Division



3rd Place

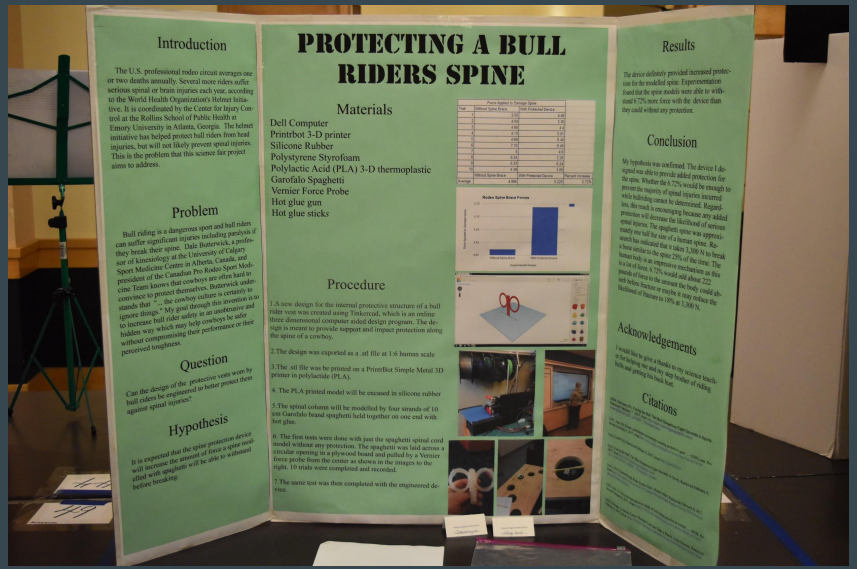
To Mars & Back Again : Designing A Medical 3D Print To Advance Long Term-Human Space Exploration

Jakobi Hibbert

Big Piney Middle School

Big Piney, WY

Medical Sciences -Junior Division



2nd Place

Protecting A Bull Riders Spine

Isabella Lungren

Greybull Middle School

Greybull, WY

Medical Sciences -Junior Division

1st Place

Concussion Effects

Riley Schiller and Jace Bohlman

Powell Middle School

Powell, WY

Medical Sciences -Senior Division

3rd Place

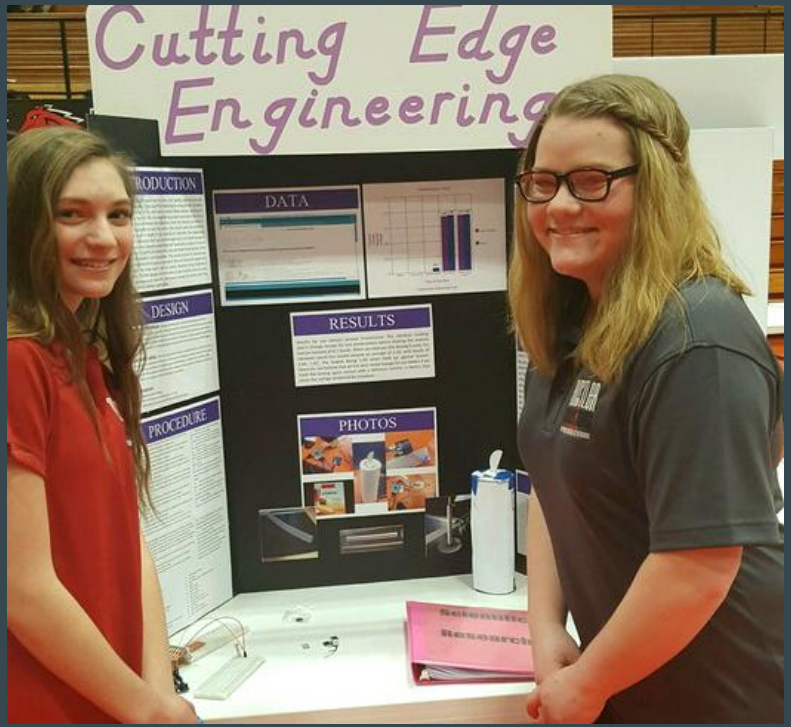
A Swell In “Solution For Obesity”

Arundathi Nair

Laramie High School

Laramie, WY

Medical Sciences -Senior Division



2nd Place

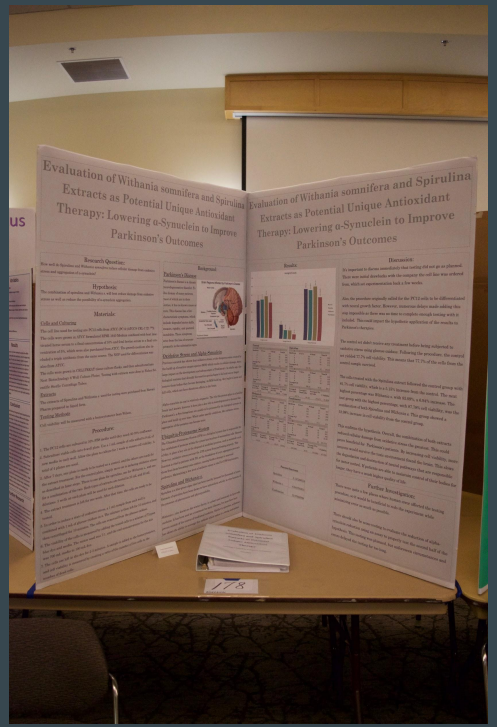
Cutting Edge Engineering: The Engineering Project Focused On Creating A Scalpel That Will Prevent Artery Nicks In Surgery

Adrianna Ruby and Destiny Reed

Big Piney Middle High School

Big Piney, WY

Medical Sciences -Senior Division



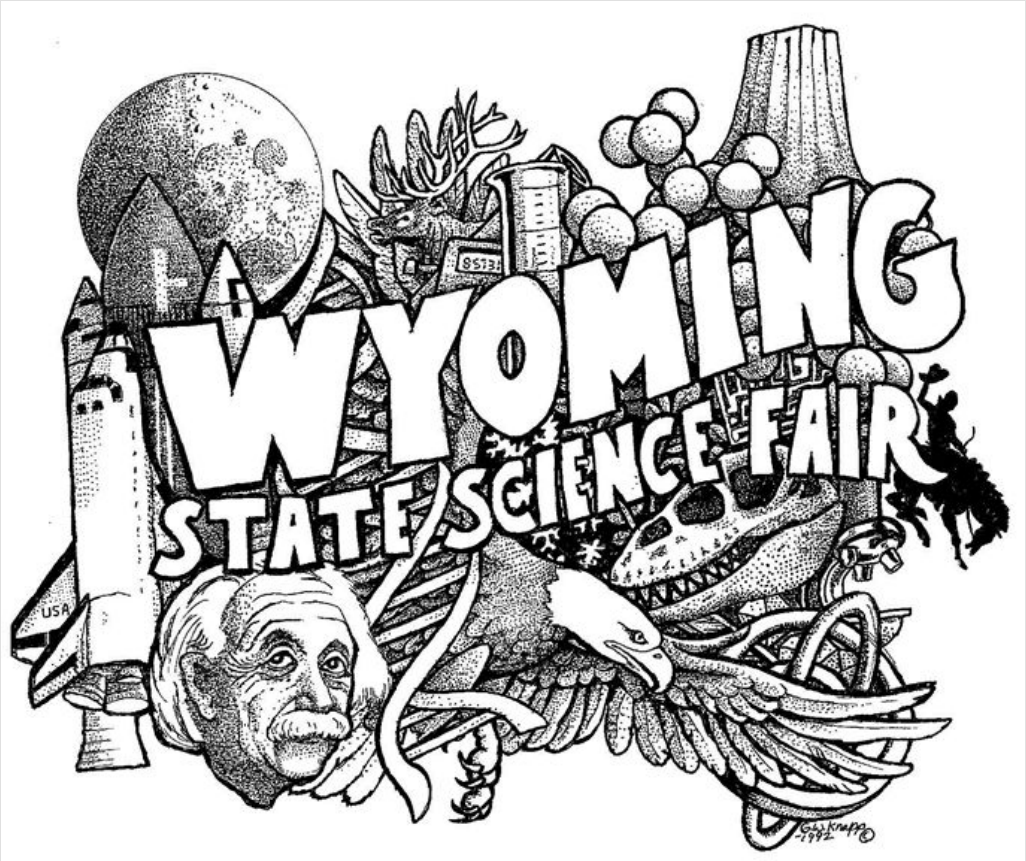
1st Place

Extracts As Potential Unique Antioxidant Therapy: Lowering α-synuclyn to Improve Parkinson's Outcomes

Anna Savage

Greybull High School

Greybull, WY



Microbiology

Microbiology -Junior Division

3rd Place

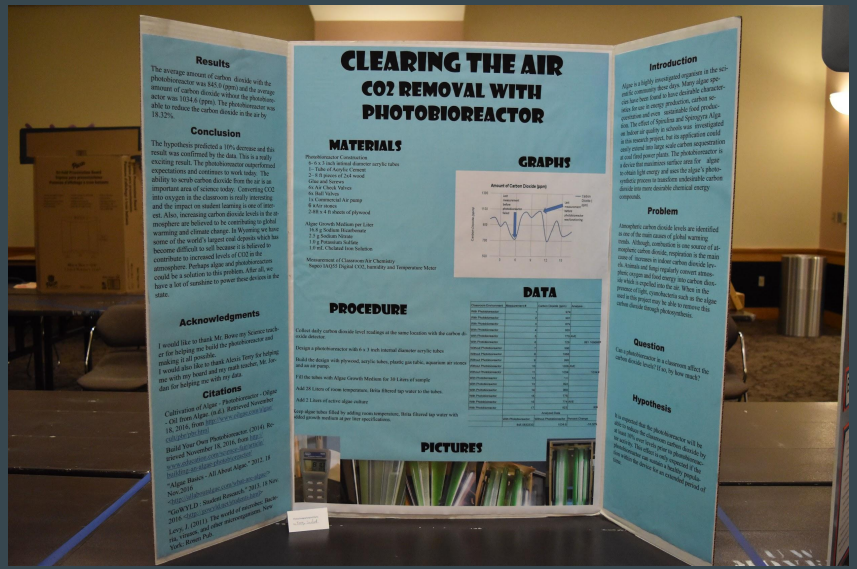
Glo-Away Germs

Sabrina Donaldson

Pinedale Middle School

Pinedale, WY

Microbiology -Junior Division



2nd Place

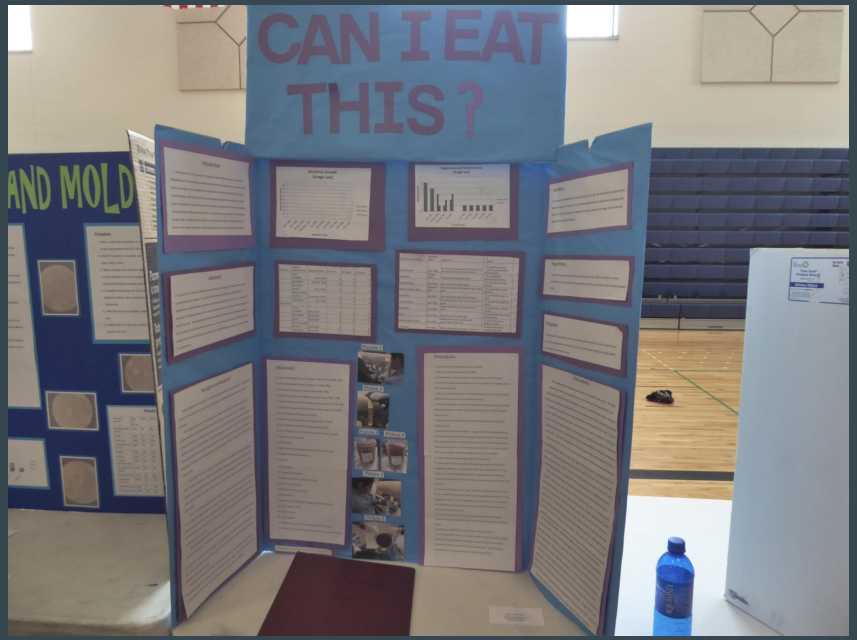
CO_2 Removal with a Photobioreactor

Torrey Sanford

Greybull Middle School

Greybull, WY

Microbiology -Junior Division



1st Place

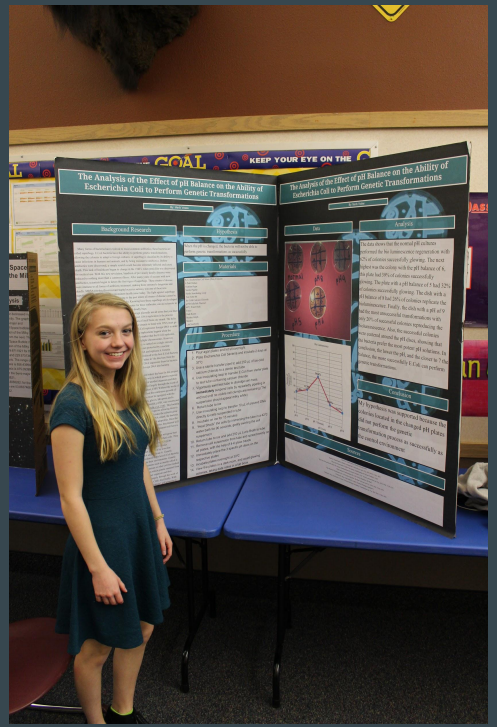
Can I eat this?

Anna Cecil

Wheatland Middle School

Wheatland, WY

Microbiology -Senior Division



3rd Place

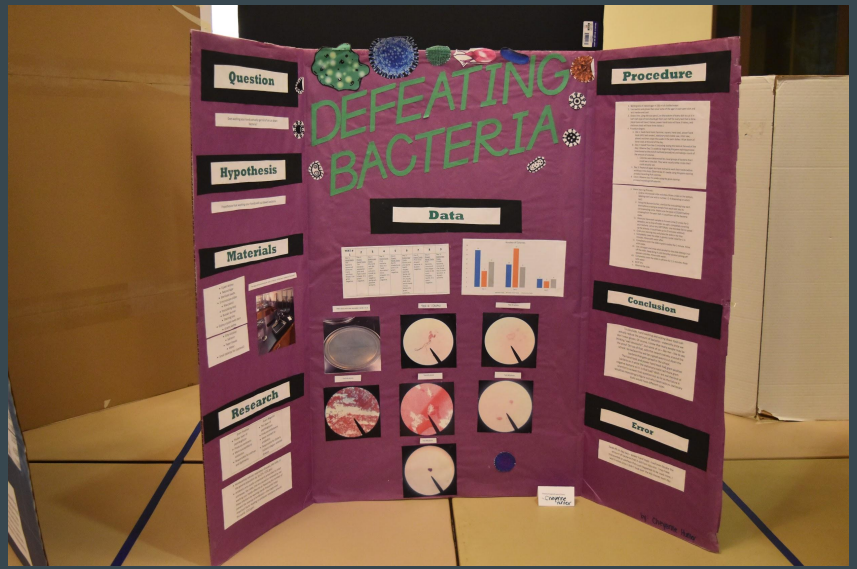
The Analysis of the Effect of pH Balance on the Ability of Escrechea Coli to Perform Genetic Transformations

Merik Votaw

Meeteetse High School

Meeteetse, WY

Microbiology -Senior Division



2nd Place

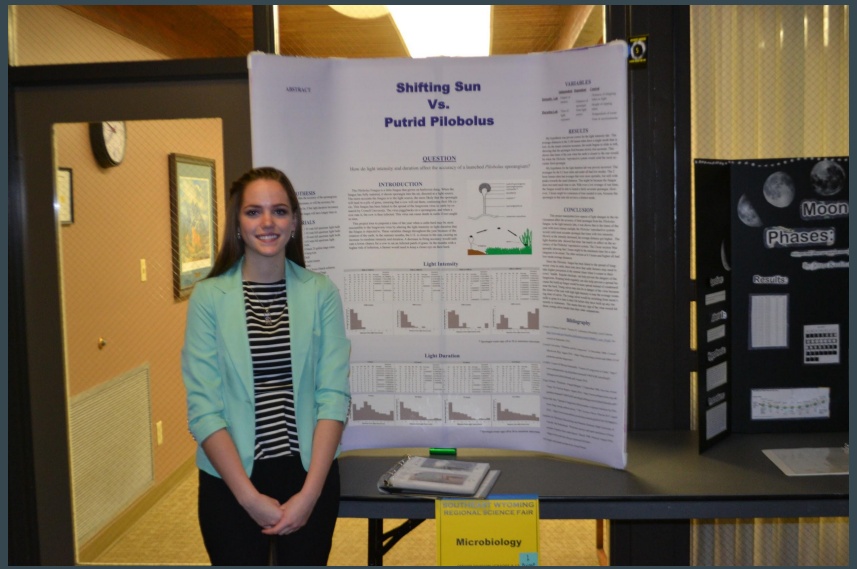
Defeating Bacteria

Cheyenne Hunter

HEM Jr./Sr. High School

Hanna, WY

Microbiology -Senior Division



1st Place

Shifting Sun v.s. Putrid Pilobolus

Jennel Mead

Cheyenne South High School

Cheyenne, WY

Physics & Astronomy

Physics & Astronomy -Junior Division

3rd Place

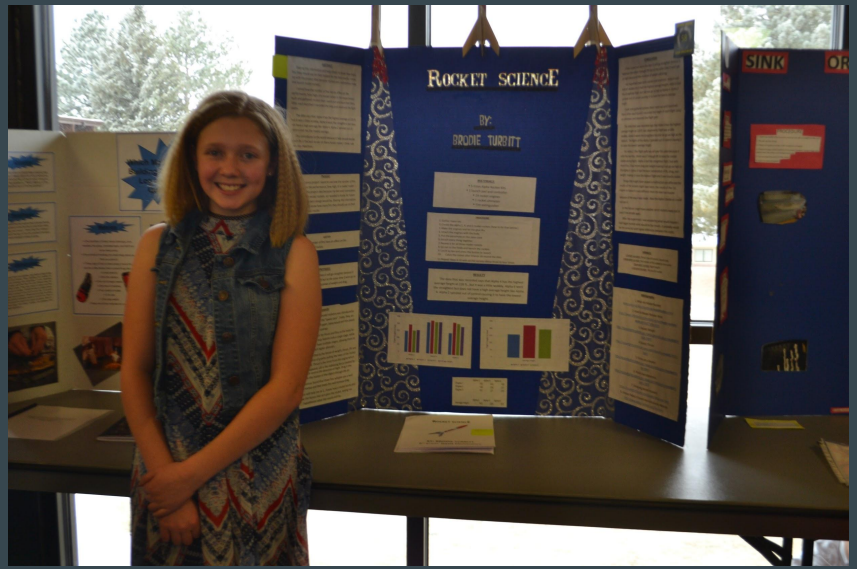
Bro, Do You Even Lift?

Tristan Smith

Saratoga Middle School

Saratoga, WY

Physics & Astronomy -Junior Division



2nd Place

Rocket SciencE

Brodie Turbitt

Davis Elementary

Cheyenne, WY

Physics & Astronomy -Junior Division

1st Place

Hit It With Your Best Shot

Danielle Clapper & Carly Keller

Southeast Schools

Veteran & Torrington, WY

Physics & Astronomy -Senior Division

3rd Place

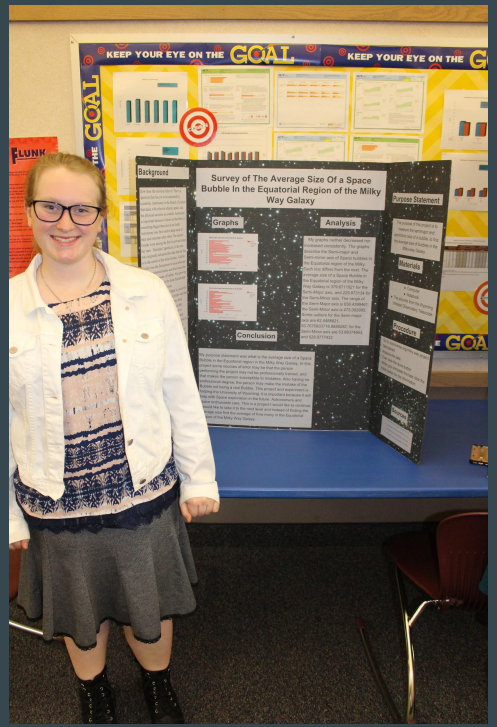
The Effect of Potassium Nitrate on Rocket Fuel

Hunter Liggett

Newcastle High School

Newcastle, WY

Physics & Astronomy -Senior Division



2nd Place

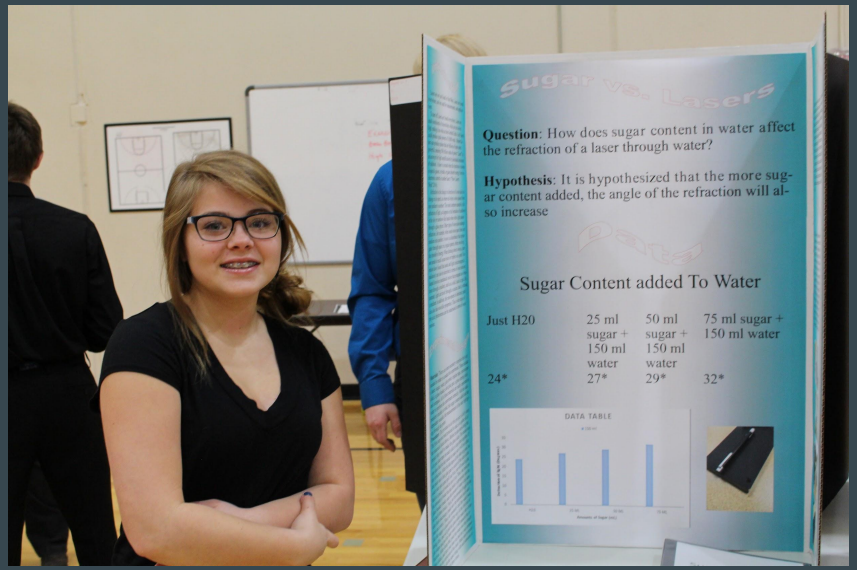
The Average Size of the Space Bubbles in the Equatorial Region of the Milky Way Galaxy

Amanda Cooley

Meeteetse

Meeteetse, WY

Physics & Astronomy -Senior Division



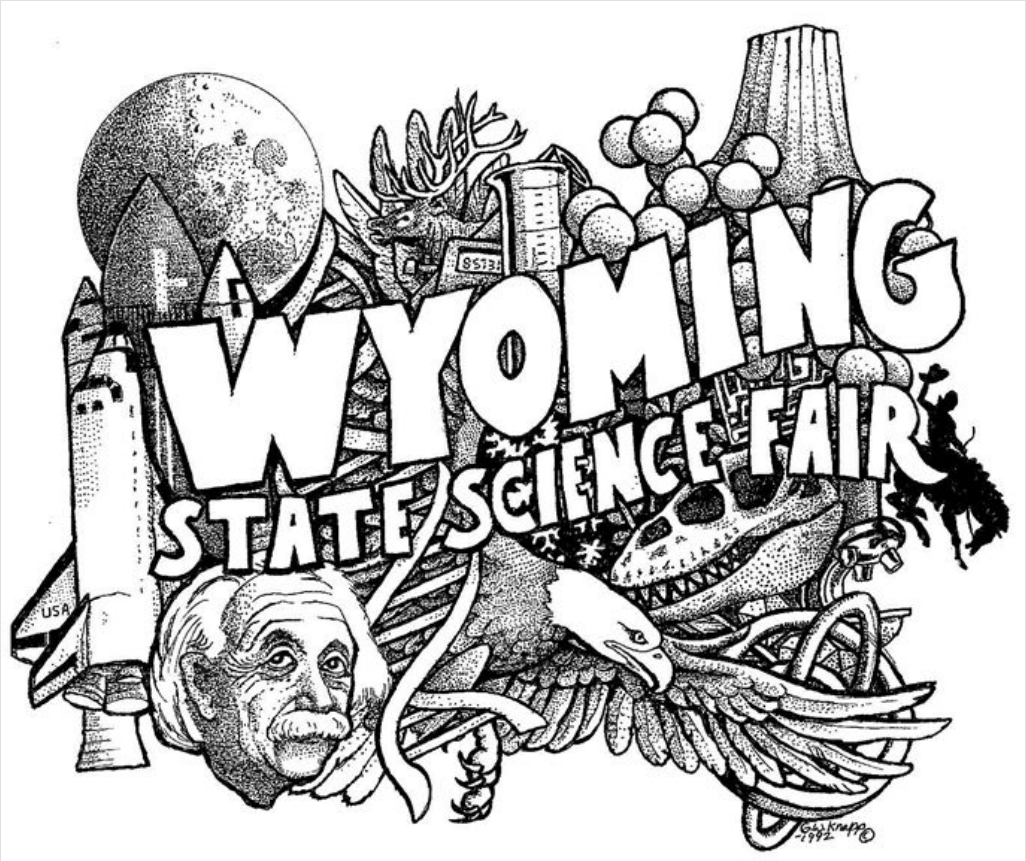
1st Place

Sugar vs. Lasers

Johnna Dawson

Newcastle High School

Newcastle, WY



Robotics & Computer Sciences

Robotics & Computer Sciences -Junior Division

3rd Place

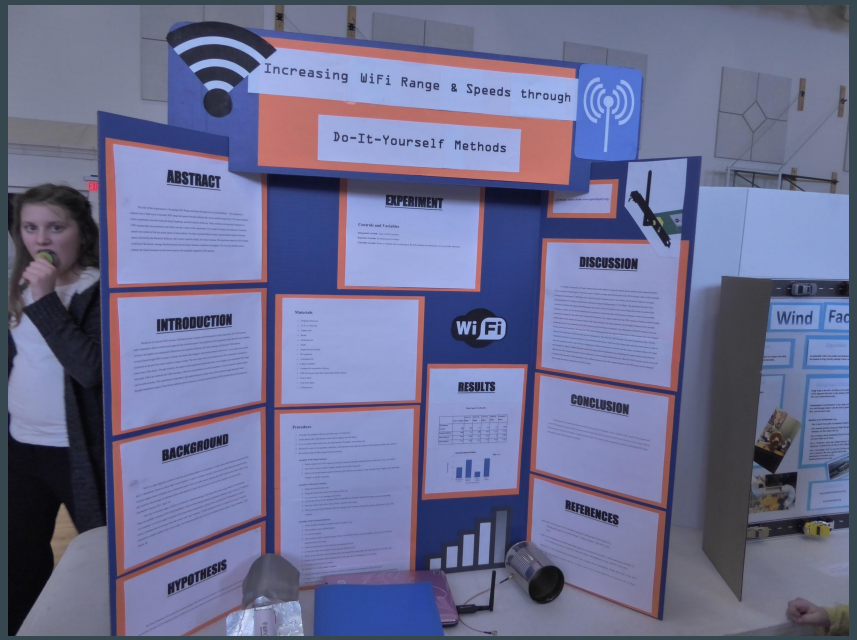
Cymatics

Addison Braten

Powell Middle School

Powell, WY

Robotics & Computer Sciences -Junior Division



2nd Place

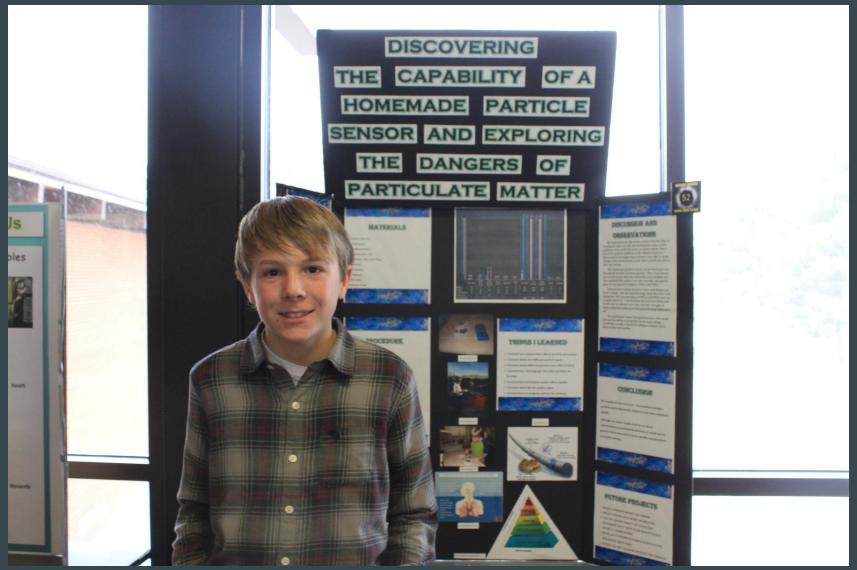
Increasing WiFi Range and Speeds through Do-It-Yourself Methods

Quinton Lawrence

Wheatland Middle School

Wheatland, WY

Robotics & Computer Sciences -Junior Division



1st Place

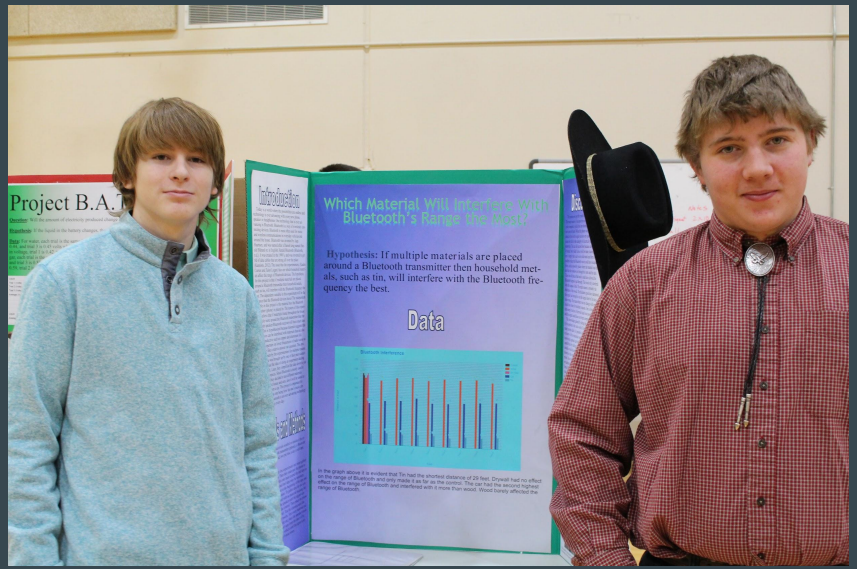
Discovering the Capability of a Homemade Particle Sensor and Exploring the Dangers of Particulate Matter

Kyland Fuller

Lingle-Ft.Laramie Schools

Ft. Laramie, WY

Robotics & Computer Sciences -Senior Division



3rd Place

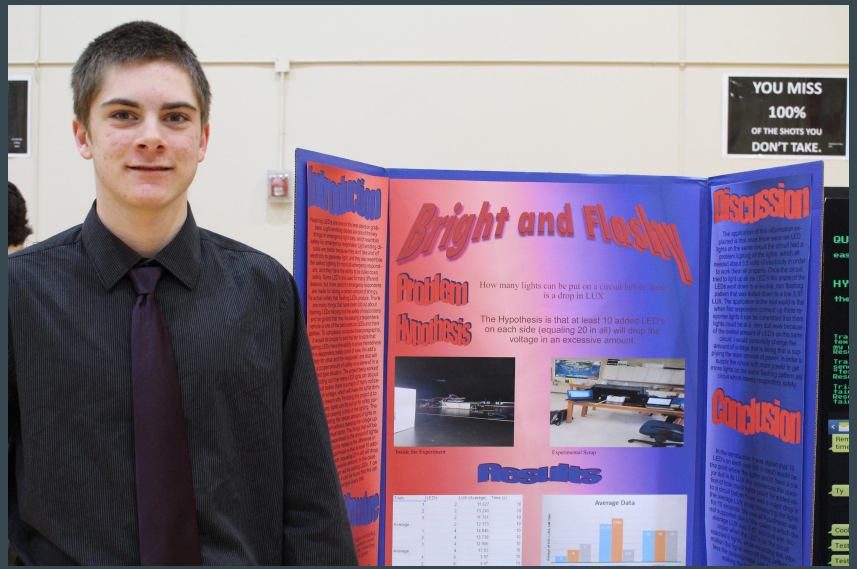
Which Material Will Effect The Bluetooth Range The Most?

Kaden Curren & Talon Logan

Newcastle High School

Newcastle, WY

Robotics & Computer Sciences -Senior Division



2nd Place

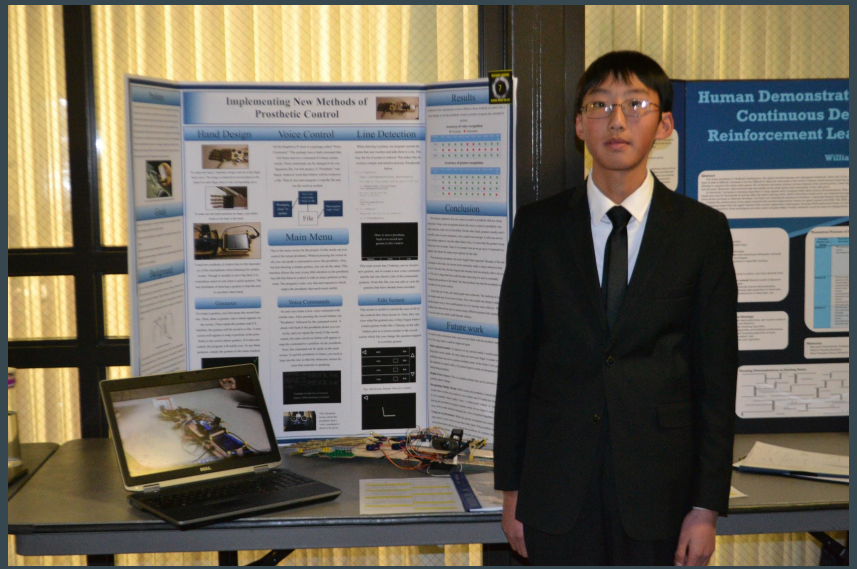
Bright and Flashy

Garrett Merchen

Newcastle High School

Newcastle, WY

Robotics & Computer Sciences -Senior Division



1st Place

Implementing New Methods of Prosthetic Control

Qingfeng Li

Laramie High School

Laramie, WY


intel
ISEF
— a program of —
SOCIETY
FOR SCIENCE &
THE PUBLIC


RISING STARS
MATH, APPLIED SCIENCE, TECHNOLOGY & ENGINEERING
BROADCOM
FOUNDATION
MASTERS
– a program of –
SOCIETY FOR SCIENCE
& THE PUBLIC