



# PIKES PEAK REGIONAL SCIENCE AND ENGINEERING FAIR FACT SHEET



## Who We Are

The Pikes Peak Regional Science Fair, Incorporated (PPRSF) is a non-profit corporation dedicated to stimulating and encouraging youthful interest in science and scientific endeavors through student participation in regional, state, and international science fairs. The Pikes Peak Regional Science Fair serves students in grades 6 through 12 in all school districts (including private schools, parochial schools, and home schools) in Elbert, El Paso, Park and Teller Counties.

In 2020, the fair name was changed to The Pikes Peak Regional Science and Engineering Fair. The 2022 PPRSEF will be held on Saturday, February 26, 2022. This will be the 65<sup>th</sup> year for this event.

## What We Do

The fair fosters excellence in our future technical leaders by:

- motivating students to perform independent projects in science and engineering.
- recognizing outstanding projects.
- providing opportunities for students to exhibit their work and be recognized.

We believe science fair projects encourage positive demonstrations of:

- clear thinking.
- focus and discipline.
- tangible practical results.

The PPRSEF awards ribbons, medals, and cash, in addition to working with professional organizations and other institutions to present focused special awards in dozens of categories.

## PPRSEF Projects at Other Fairs

The PPRSEF is a successful, high quality science fair as is demonstrated by the accomplishments of its students at the Colorado Science & Engineering Fair and International Science & Engineering Fair. Our goal is to help bring the excitement of science from the early school years to high school and beyond. Many of our students go into science related fields and/or use their understanding of the scientific method and research in their adult lives.

In 2021, 20 PPRSEF projects participated in the virtual Colorado Science & Engineering Fair. Out of these 20 projects, PPRSEF students earned 7 category awards and 17 special awards, including “Best of Fair” in the Jr Division. Four PPRSEF students qualified to enter the Broadcom MASTERS. Three PPRSEF senior division students were selected to enter the 2021 Virtual Regeneration International Science and Engineering Fair. These three projects earned one 3<sup>rd</sup> place and two 2<sup>nd</sup> place awards.

## PPRSEF Resources:

The PPRSEF strives to assist our participants through:

- on-line registration for students, teachers and judges with printable forms and information packets available upon registration at: [www.pprsef.org](http://www.pprsef.org)
- on-line website providing information and support on project procedures, fair rules, project ideas, and fair location details.
- project judging forms that enable uniform and precise scoring across categories and judges across successive rounds of judging. For 2021, judging was done virtually.
- cash prizes, ribbons and medals for category awards.
- when applicable, complete support for students to attend the International Science and Engineering Fair and acceptance to other international science competitions.

## Science Fair Budget

The 2021 PPRSEF had 56 initial entries and several additional students in group projects. The total operational budget for the fair annually typically approaches \$30,000 including among other items:

- Student Awards (Ribbons, cash, medals): \$7,000
- Meals for all Fair contestants and judges: \$2,500
- Hotel for Nationals: \$3,000
- Airfares for Nationals: \$3,000
- Hotel for State: \$1,000
- Insurance: \$2,000
- Tables and supplies rentals: \$2,000
- T-shirts: \$1,500
- International Science Fair Registration: \$1,500
- State Science Fair Registration: \$1600
- International Science Fair Affiliation: \$800
- Program Printing: \$400
- International Science Fair Shipping: \$500
- Office supplies: \$200

Numerous sponsors invest in the science fair and many additional contributors donate cash for the fair. Cash and in-kind contributions for the 2021 fair came from The Russell Grinnell Memorial Trust, AFCEA, Broadcom Foundation, INTEL, UCCS, CC and others, which enabled the fair to succeed. See the complete list of fair sponsors on the next page.

## Our Corporate Status

The PPRSF is a non-profit 501(c) 3 corporation (IRS 23-7056794); all contributions are tax deductible to the extent of the law. Over 97% of funds collected directly benefit the students of the Pikes Peak region and the operation of the actual fair. The 16-member Board of Directors, nearly 150 judges and volunteers, and dozens of

fair officials and teachers all serve as volunteers; the fair pays no salaries or stipends.

## 2022 Fair Sponsorship

The PPRSEF is grateful for donations by fair sponsors, patrons, and contributors. All donations are acknowledged with a letter and acknowledgment in the fair brochure (distributed at the fair), as well as on the website.

## 2021 Contributor List

### Platinum Fair Sponsor

- Russell Grinnell Charitable Trust Foundation

### Gold Fair Sponsors

- AFCEA
- Broadcom Foundation
- Northrop Grumman Corporation

### Silver Fair Sponsors

- Ascension Engineering Group
- Flagline, Inc
- Several Anonymous Donors

### Contributors (and In-Kind Awards):

- American Association of University Women
- American Meteorological Society
- American Psychological Association
- American Society for Materials Educational Foundation
- American Statistical Association, Jr.
- Ascension Engineering Group
- Association for Women Geoscientists
- Biological Science Curriculum Study (BSCS)
- Broadcom MASTERS / Society for Science
- Broadcom Foundation
- Citizens Project
- Colorado Associates in Medical Physics
- Colorado Association of Science Teachers
- Colorado Chapter -Soil & Water Conservation Society
- Colorado College
- Cool Science
- Deep Space Exploration Society
- Department of Defense
- Flagline.com
- Gates Corporation
- Mu Alpha Theta
- NASA
- NDIA
- NOAA
- Northrop Grumman
- Patent & Trademark Office Society
- Pikes Peak Justice and Peace Commission
- Planet Walk
- RICOH Americas
- Society for In-Vitro Biology
- Stockholm Water Prize
- SWE
- US Agency for International Development
- U.S. Air Force

- U.S. Metric Association
- U.S. Navy
- UCCS Dept. of Chemistry & Biochemistry
- Yale Science and Engineering Association

## Special Contributors

- University of Colorado in Colorado Springs
- Colorado College
- BuzzHome Productions
- Colorado Springs School District #11

## 2021-22 Board of Directors:

**Robert Armstrong** is a retired Air Force meteorologist, a long-time board member, special judge, and supporter of the fair. He serves as Funds Chairman.

**Dr. Carol Bach** is a retired pediatrician and retired biology teacher and head of the Scientific Review Committee.

**Greg Busby** is a retired teacher who owns BuzzHome Productions and is on the Safety and Scientific Review Committee.

**Caitlin Casai** is an area educator and consultant to the board.

**Karen Crosson** is a retired science teacher and special awards co-chair.

**Tanya Duvall** is a parent representative and PR Coordinator.

**Nancy Hampson** is a retired science teacher and is on the SRC and is the current fair director.

**Dr. Rob Kolstad** holds a PhD in computer science and is a long-time member of the board. He is the Head Judge for the fair.

**Dr. Donald Kraft** holds a PhD in industrial engineering and teaches computer science. He serves as Board President.

**Tami Kruse** is an educator and parent representative. She serves as Volunteer Coordinator.

**Srikant Mantravadi** is liaison to AFCEA and a member of the board.

**Vincent Nigro** is a local teacher consultant to the board.

**John Parish** is an engineer and consultant to the board.

**Dr. Steve Rubin** is a veterinarian and currently CEO of Colorado Academy of Veterinary Technology.

**Dr. Mike Sidman** is a local engineer and member of the board who does website design and works to find local mentors for science fair participants.

**Lynne Williams** is a retired science teacher and special awards co-chair.

**The Board would like to recognize Charlie Matteson and Georgia Matteson** and thank them for their many years of dedication to the PPRSEF and area science students.

**UCCS Liaison: Vicki Taylor** - UCCS Center for STEM Education

Donations may be made to:

**Pikes Peak Regional Science Fair, Inc.**  
c/o **Robert J. Armstrong, Funds Chairman**  
4350 Seesaw Lane  
Colorado Springs, CO 80917-2949

For other questions contact:

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