

# ASEF 2021 Awards Ceremony (Senior Division)

## SPECIAL AWARD RECOGNITIONS

### **American Meteorological Society**

Winning projects should be limited to the atmospheric and related oceanic and hydrologic sciences

The winners are: Emma Seidel, Malaika Dsa

### **American Psychological Association Award**

This award recognizes the top project in the category of Behavior & Social Sciences. The winner will receive a certificate of recognition

The winner is: Adrianna Orsi

### **ASM Materials Education Foundation**

The winner will receive a certificate

The winner is: Luke Tessier

### **Association for Women Geoscientists**

The winner will receive a certificate

The winner is: Amitis Moradkha

### **MDA Award – Missile Defense Agency**

The winner will receive a certificate

The winners are: Braden Noh, Akshat Yaparla, Ashraf Mansour, Cary Xiao

### **Mu Alpha Theta Award**

This award is presented for the project that best demonstrated challenging, original, thorough, and creative investigation of a problem using mathematics. The winner will receive a certificate of recognition.

The winner is: Jaeyoung Lee

### **NASA Earth System Science Award**

This award will be given to the student whose project offers the greatest insight into earth's interconnected systems. The winner will receive a certificate of achievement.

The winner is Dakota Perry

### **Naval Science Award**

*Sponsored by: Office of Naval Research*

This award recognizes three students who demonstrated excellence in science research or engineering design. The winners will receive a certificate of achievement, a medallion, and a \$75 gift card to follow.

The winners are: Akshat Yaparla, Braden Noh

### **National Oceanic and Atmospheric Administration**

The NOAA Award will go to one individual selected from among all general award categories whose research emphasizes NOAA's mission of Science, Service, and Stewardship

The winner is Emma Seidel

### **Ricoh Sustainable Development Award**

This award recognizes the project that best reflects the principles of sustainability --balancing economic development with environmental responsibility. The winner will receive a certificate of recognition.

The winner is: Malaika Dsa

### **Society for In Vitro Biology**

Winners should be in 11th grade with an exhibit in the area of plant or animal in vitro biology or tissue culture. A formal letter of congratulations will be sent to the winner.

The winner is: Catherine Kung

### **Yale Science and Engineering Association Award**

*Sponsored by: Yale Science and Engineering Association*

This award will be given to the most outstanding 11th grade project in the areas of computer science, engineering, physics, or chemistry. In extraordinary cases, it may be awarded to 10th or 12th grade. The winner will receive a certificate and a medallion to follow.

The winner is: Xiaoyi Ma

### **U.S. Agency for International Development (USAID)**

Certificate and Social Media Toolkit

The winner is: Ahnaf Hossain

### **U.S. Metric Association**

The winners will receive a certificate of achievement

The winner is: Jordon Jennings

### **U.S. Stockholm Junior Water Prize**

If the student wishes to enter the State competition, the student winner(s) must enter their SJWP State competition by registering at [www.sjwp.org](http://www.sjwp.org) and uploading their research paper. (Receiving a regional award does not automatically enter the project into the state competition. This is a separate step that the winner must do. **The deadline for the state competition is April 15, 2021.** For questions, please contact Brad Lovett at [blovett@wef.org](mailto:blovett@wef.org).

The winners are: Jaeyoung Lee, Amitis Moradkha, Emma Seidel

### **United States Air Force**

The winners will receive a certificate of achievement

The winners are: Akshat Yaparla

**Now we will announce the placement winners of each category. A judging panel of over 40 scientists and engineers determined which projects scored highest in each category. Students who placed 1<sup>st</sup>, 2<sup>nd</sup> or 3<sup>rd</sup> will receive a ribbon and certificate. In addition, the 1st place winner of each category will receive a \$100 cash prize and 2<sup>nd</sup> place will receive \$50 cash prize.**

### **CATEGORY AWARDS**

Category 100: Animal

1<sup>st</sup> Eva Ledvina

2<sup>nd</sup> Jarrett Huckaby

Category 200: Behavioral & Social Science

1<sup>st</sup> Morgan Dotson & Kenny Nguyen

2<sup>nd</sup> Adrianna Orsi

3<sup>rd</sup> Maddison Canzano

Category 300: Cellular & Molecular Biology

1<sup>st</sup> Rishab Samant

2<sup>nd</sup> Shreya Sunil

3<sup>rd</sup> Dev Mehta

Category 400: Chemistry, Biochemistry, Materials Science

1<sup>st</sup> Kailyn Grant

2<sup>nd</sup> Yewon Lee

3<sup>rd</sup> Luke Tessier

Category 500: Engineering, Computer Science and Mathematics

1<sup>st</sup> Madhushalini Balaji

2<sup>nd</sup> Catherine Kung

3<sup>rd</sup> Braydon Noh

Category 600: Energy Chemical Physical

1<sup>st</sup> Naeim Mahjouri

Category 700: Earth & Environmental

1<sup>st</sup> Malaika Dsa

2<sup>nd</sup> Jaeyoung Lee

3<sup>rd</sup> Amitis Moradkha

Category 800: Medicine & Health Science

1<sup>st</sup> Ashwin Prabhakar

2<sup>nd</sup> Mayu Nakano

3<sup>rd</sup> Xiaoyi Ma

Category 900: Physics & Astronomy

1<sup>st</sup> Michael Fulmer

2<sup>nd</sup> Makaila Jennings

3<sup>rd</sup> Tyler Taylor

Category 1000: Plant Sciences

1<sup>st</sup> Jade Adams

Category 1100: Computer Science & Mathematics

1<sup>st</sup> Longji Jerry Chen

2<sup>nd</sup> Cary Xiao

3<sup>rd</sup> Gregory Li

**ASEF will also advance our top four Best of Fair winners directly to the Regeneron International Science and Engineering Fair (ISEF) 2021. This year's event will be held virtually again this year due to COVID-19. The Alabama Academy of Science will cover all expenses for the four students to participate in ISEF as representatives of ASEF. This year's Best of Fair winners are (in no particular order):**

Rishab Samant

Madhushalini Balaji

Longji Jerry Chen

Kailyn Grant

## **Congratulations to all of our participants and winners!**

A few notes for winners:

- 3.) This year's winners have received a variety of awards. We will mail all certificates and ribbons to your school. Please note, some of these awards may have a specific requirement for follow up action (especially cash prizes). Directions and any additional forms, paperwork or instructions will be included in your award packet. Please pay close attention to all stated deadlines to avoid any issues.
- 4.) If you are advancing to the ISEF, we will send your paperwork to you for your registration package.