

# PVP SCIENCE FAIR 2022 - AWARDS

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## ANIMAL SCIENCES

- 1st place - Gia Bohorquez
- 2nd place - Rohan Gianchandani
- 3rd place - Angelina Lazar

## BEHAVIORAL/SOCIAL SCIENCES

- 1st place - Sydney Chung
- 2nd place - Sara Moshfeghi
- 3rd place - Milana Herrera

## BIOMEDICAL ENGINEERING

- 1st place - Andreas Tempereau
- 2nd place - Audrey Lu & Fiona Cho
- 3rd place - Christine Xie

## BIOMEDICAL HEALTH SCIENCES & TRANSLATIONAL MEDICINE

- 1st place - Justin Liu
- 2nd place - Katherine Le & Claire Dokko
- 3rd place - Amrutha Srivatsav

## CHEMISTRY

- 1st place - Angel Shen
  - 2nd place - Megan Mendonca
  - 3rd place - Peter Chang
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## COMPUTATIONAL BIOLOGY & BIOINFORMATICS/ROBOTICS & INTELLIGENT MACHINES

- 1st place - William Huang
- 2nd place - Andrew Chi & Henry Chung
- 3rd place - Jenna Chow

## EARTH & ENVIRONMENTAL SCIENCES

- 1st place - Vivien He
- 2nd place - Aila Shibao
- 3rd place - Ava Simpson

## ENERGY: SUSTAINABLE/ENVIRONMENTAL ENGINEERING

- 1st place - Brindha Srivatsav
- 2nd place - Hayleigh Liu
- 3rd place - Ty Sorenson, Christopher Lachowicz & Cole Vranich

## ENVIRONMENTAL ENGINEERING/ENGINEERING MECHANICS/MATERIALS SCIENCE

- 1st place - Adela Riggs
- 2nd place - Alexandria Lam
- 3rd place - Anthony Valencia

## MATHEMATICS/PHYSICS

- 1st place - Akash Anand
  - 2nd place - Anthony Yoon
  - 3rd place - Joshua Choi
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## MICROBIOLOGY

1st place - Ava Chessmore & Kami Fuchs

2nd place - Candace Baik

3rd place - Parth Ingle

## PLANT SCIENCES

1st place - Michele Chan

2nd place - Benjamin Sanchez

3rd place - Connor Mackey

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## REGIONAL & SPECIAL AWARDS

### NASA EARTH SYSTEM SCIENCE AWARD

Sarah Cao

Erica Ro

### NOAA TAKING THE PULSE OF THE PLANET AWARD

Alina Montalvan

Gray Rappoport

### RICOH SUSTAINABLE DEVELOPMENT AWARD

Hayleigh Liu

Gray Rappoport

### OFFICE OF NAVAL RESEARCH PRESENTS: NAVAL SCIENCE AWARDS

Anthony Valencia

Akash Anand

### STOCKHOLM JUNIOR WATER PRIZE AWARDS

Jenna Chow

Hayleigh Liu

Gray Rappoport

Anthony Valencia

Michele Chan

Adela Riggs

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## REGIONAL & SPECIAL AWARDS

### AMERICAN METEOROLOGICAL SOCIETY

Vanessa Niu  
Connor Peters  
Sophie Sun

### AMERICAN PSYCHOLOGICAL ASSOCIATION AWARD

Sara Moshfeghi  
Vayuna Pradhan

### ASSOCIATION OF WOMEN GEOSCIENTISTS AWARD

Vivien He

### ASM MATERIALS EDUCATION FOUNDATION AWARDS

Audrey Yu

### MU ALPHA THETA AWARD IN MATHEMATICS

Anthony Yoon  
Akash Anand

### U.S. METRIC ASSOCIATION

Akash Anand

### UNITED STATES AIR FORCE AWARD

David Maemoto  
Naomi Kao & Asha Timm

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## REGIONAL & SPECIAL AWARDS

### USC WOMEN IN SCIENCE AND ENGINEERING (WiSE) AWARDS

9th grade - Ashley Chang

10th grade - Sara Moshfeghi

11th grade - Hayleigh Liu

12th grade - Sarah Cao

### YALE SCIENCE & ENGINEERING AWARD

Jenna Chow

### NATIONAL GEOGRAPHIC SOCIETY - THAT'S GEOGRAPHY! AWARD

Michele Chan

### U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT (USAID)

Hannah Holden & Harper Holden

Michele Chan

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## PALOS VERDES HIGH SCHOOL LACSEF DESIGNEES

Gia Bohorquez  
Andreas Tempereau  
Adela Riggs  
Anthony Yoon  
Angel Shen  
Sophie Sun  
Hayleigh Liu

Alina Montalvan  
Christine Xie  
Ava Simpson  
Connor Peters  
Naomi Kao & Asha Timm  
Jenna Chow

## PENINSULA HIGH SCHOOL LACSEF DESIGNEES

Vivien He  
William Huang  
Justin Liu  
Akash Anand  
Sarah Cao  
Katherine Le & Claire Dokko  
Amrutha Srivatsav

Audrey Lu & Fiona Cho  
Brindha Srivatsav  
Aila Shibao  
Michele Chan  
Andrew Chi & Henry Chung  
Alexandria Lam

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## 2022 REGENERON INTERNATIONAL SCIENCE AND ENGINEERING FAIR

**William Huang**

Project: Argus III: A Novel Image Optimization and Augmentation Framework to Enable an Improved Patient Experience for the Next Generation Epiretinal Prosthesis

**Vivien He**

Project: Qube Network: A Low-Cost, High-Sensitivity Consumer Seismic Network for Earthquake Early Warning

**Akash Anand**

Project: Optimization of Distributed Phased Arrays

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