



27th Annual Indian River Regional Science & Engineering Fair

SECONDARY DIVISION

2019 WINNERS

The Education Foundation of Indian River County, in partnership, with the School District of Indian River County, hosted the Indian River Regional Science & Engineering Fair Secondary Award Ceremony on Wednesday, January 30, 2019 at the Sebastian River High School Performing Arts Center.

Over \$760,00 dollars in college scholarships and academic prizes were awarded during the ceremony.

A total of 158 secondary projects (6th – 12th grades) were presented during the regional fair by 10 public and independent Indian River County middle and high schools.

George E. Warren Corporation Best of Show Senior (9th-12th) (cash award): Griffin Wagner Vero Beach High School

Piper Aircraft Corporation Best of Show Junior (6th-8th) (cash award): Andrew Bickel Storm Grove Middle School

PLACE AWARD WINNERS BY CATEGORY (first place - \$60, second - \$40, third - \$20):

Animal Sciences - Junior

1st place: Gabriel Burchett Storm Grove Middle School

2nd place: Isabella Cooper Saint Edwards Middle School

3rd place: Skylar Cade Oslo Middle School

Animal Sciences - Senior

- 1st place: Kiran Arain Saint Edwards Upper School
2nd place: Lily Strauss Saint Edwards Upper School
3rd place: Cabria Brown Sebastian River High School

Behavioral & Social Sciences – Junior

- 1st place: Andrew Bickel Storm Grove Middle School
2nd place: Bryce Forrest and Jacqueline Sylvia Gifford Middle School
3rd place: Ava Justice Gifford Middle School

Behavioral & Social Sciences – Senior

- 1st place: Tessa Johnson Vero Beach High School
2nd place: Kira Manelski Saint Edwards Upper School

Biomedical & Health Sciences– Junior

- 1st place: Wil Blackburn Saint Edwards Middle School
2nd place: Jackson Watson, Colby Stebbins and Zeo Zudans Saint Edwards Middle School
3rd place: Anthony Celano Oslo Middle School

Biomedical & Health Sciences – Senior

- 1st place: Savannah Ware Saint Edwards Upper School
2nd place: Zayna Shaikh and Cristina Pines Saint Edwards Upper School

Cellular/Molecular Biology & Biochemistry – Junior

- 1st place: Sawyer Paschall Gifford Middle School
2nd place: Rocky Nieves Gifford Middle School
3rd place: Haylei Emanuel Gifford Middle School

Chemistry - Junior A

- 1st place: Kristina Puscher Sebastian Charter Junior High School
2nd place: Asela Ripley Oslo Middle School
3rd place: Olivia Diaz Gifford Middle School

Chemistry – Junior B

- 1st place: Isabel Truckner Sebastian Charter Junior High School
2nd place: Lorelei Horsley Gifford Middle School
3rd place: Haley Andrews and Maeve Reicher Saint Edwards Middle School

Chemistry – Senior

- 1st place: Ivy Yang and Mei Bao He Saint Edwards Upper School

Earth & Environmental Sciences – Junior

- 1st place: Joel Schneider Storm Grove Middle School
2nd place: Enzo Crisafulli Gifford Middle School
3rd place: Rygel Estillore Oslo Middle School

Earth & Environmental Sciences - Senior

- 1st place: Katie Croom Saint Edwards Upper School
2nd place: Ellie Schrock Saint Edwards Upper School
3rd place: Jake Damiani Saint Edwards Upper School

Engineering – Junior A

- 1st place: Jayden Berry Oslo Middle School
2nd place: Ella Willard Sebastian Charter Junior High School
3rd place: Francesca Russo Sebastian Charter Junior High School

Engineering – Junior B

- 1st place: Genevieve Presti Sebastian River Middle School
2nd place: Joseph Rumberger Sebastian Charter Junior High School
3rd place: Zachary Byars Sebastian Charter Junior High School

Environmental Engineering – Junior

- 1st place: William Myers Gifford Middle School
2nd place: Sean Muraskin and Wells Muraskin Willow School
3rd place: Sean Coleman Gifford Middle School

Environmental Engineering – Senior

- 1st place: Emma Fini Saint Edwards Upper School
2nd place: Griffin Wagner Vero Beach High School

Intelligent Machines, Robotics & Systems Software – Junior

- 1st place: Lillian McCullough Gifford Middle School

Mathematics & Computational Sciences – Junior

- 1st place: Zadie Diniz Gifford Middle School
2nd place: Jordan Shear Sebastian River Middle School

Mathematics & Computational Sciences – Senior

- 1st place: Oscar Lindenthal Saint Edwards Upper School

Microbiology - Junior

- 1st place: Washington Robins Gifford Middle School
2nd place: Sophie Leyda Gifford Middle School
3rd place: Helaina Thompson Oslo Middle School

Physics & Astronomy – Junior A

- 1st place: Bryson Darnell Gifford Middle School
2nd place: Ansley Palmer Sebastian River Middle School
3rd place: Barrett Marques Storm Grove Middle School

Physics & Astronomy – Junior B

- 1st place: Lila Legler Saint Edwards Middle School
2nd place: Ethan Darnell Gifford Middle School
3rd place: Eliana Allamby Oslo Middle School

Physics & Astronomy – Senior

- 1st place: Lauren Amos and Sydney Tran Vero Beach High School
2nd place: Kerri Conklin Sebastian River High School

Plant Sciences- Junior A

- 1st place: Marissa Vatland Saint Edwards Middle School
- 2nd place: Madison Gravlee Storm Grove Middle School
- 3rd place: Ana Arcentales Sebastian Charter Junior High School

Plant Sciences- Junior B

- 1st place: Lily Gunter Gifford Middle School
- 2nd place: Rachel Estillore Oslo Middle School
- 3rd place: Grace Haller Saint Edwards Middle School

LOCAL - SPECIAL AWARD WINNERS:

Embry-Riddle Aeronautical University Scholarships (\$5,000 Merit Scholarship to Each Team Member):

Lauren Amos & Sydney Tran - VBHS

Florida Institute of Technology (\$684,000 in Scholarships):

Note: Scholarship Amounts over 4 years

Student name:	\$Amount:	Category:
Kiran Arian	\$72,000	Animal Sciences
Lily Strauss	\$60,000	Animal Sciences
Tessa Johnson	\$72,000	Behavior & Social Sciences
Kira Manelski	\$60,000	Behavior & Social Sciences
Savanna Ware	\$72,000	Biomedical & Health Sciences
Katie Croom	\$72,000	Earth & Environmental Sciences
Ellie Schrock	\$60,000	Earth & Environmental Sciences
Emma Fini	\$72,000	Environmental Engineering
Oscar Lindenthal	\$72,000	Mathematics & Computational Science
Kerri Conklin	\$72,000	Physics & Astronomy

Indian River State College Scholarships (certificate and 4-year scholarship - \$13,500):

- Biology: Savanna Ware – STEDS - U
- Math: Oscar Lindenthal – STEDS - U

Link Foundation Award (\$1,000 Award and Certificate):

Lauren Amos - VBHS

Dr. R. Keith Chapman Award (\$50 Cash Award and Certificate):

- Nicholas Cisneros – GMS
- Ellie Schrock – STEDS -U

Indian River Alumni Recognition of Scientific Achievement Award (\$50 Cash Award and Certificate)

- Ava Steadman – GMS
- Camila Cardriche - SCJH

American Association of University Women STEM Award (\$50 Cash Award and Certificate):

Olivia Diaz – GMS

Briony Weragoda – SRMS

Thinking Outside of the Box Award (\$100 Cash Award and Certificate):

Lauren Amos & Sydney Tran - VBHS

Florida Water & Pollution Control Operators Award: (Cash Award and Certificate):

(\$75) Andrew Palmer SRMS

(75) Lily Gunter - GMS

(\$100) Nicholas Gaughran – SGMS

(\$150) Briony Weragoda - SRMS

(\$200) Rygel Estillore - OMS

Donald Lambert Memorial Award (Dare to be Different) (\$25 Cash and Certificate):

Maddie Tatro – SRMS

Alexis Hill – SRMS

Briony Weragoda – SRMS

Hanna Barrows - SRMS

TJ Evens Environmental Science Award (\$100 Cash Award and Certificate):

Griffin Wagner - VBHS

The Linda Voss Excellence in Life Science Award (\$50 Cash Award & Certificate)

Callum Pelletier – SRMS

Emily Krajewski - SRMS

Mr. & Mrs. Roy H. Lambert Award (\$100 Cash Award & Certificate)

Lincoln Dykes – SCJH

Reach for the Stars Award (\$50 Cash Award & Certificate):

Eva Heran – OMS

Cabria Brown – SRHS

Out of the Box Award (\$100 Cash Award & Certificate)

Andrew Bickel - SGMS

INTEL – SPECIAL AWARD WINNERS:

ASM Materials Education Foundation Award (Certificate of Achievement):

Zayna Shaikh & Cristina Pines – STEDS-U

American Psychological Association (Certificate of Achievement):

Kira Manelski – STEDS - U

Association of Women Geoscientists (Certificate of Achievement):

Katie Croom – STEDS - U

Broadcom MASTERS Middle School Program competition (An opportunity to apply on-line to advance to a national competition & certificate of achievement):

Gabriel Burchett – SGMS
Andrew Bickel – SGMS
Wil Blackburn – STEDS-M
Sawyer Paschall – GMS
Kristina Puscher – SCJH
Isabel Truckner – SCJH
Joel Schneider – SGMS
Jayden Berry – OMS
Genevieve Presti – SRMS
William Myers – GMS
Lillian McCullough – GMS
Zadie Diniz – GMS
Bryson Darnell – GMS
Lila Leglar – STEDS-M
Marissa Vatland – STEDS-M
Lily Gunter – GMS
Washington Robins - GMS

Lemelson Early Inventor Prize (certificate of achievement and \$100 cash award)

Jayden Berry – OMS

Mu Alpha Theta (certificate of achievement):

Oscar Lindenthal – STEDS - U

NASA EARTH System Science Award (certificate of achievement):

Griffin Wagner - VBHS

Ricoh Americas Corporation (certificate of achievement):

Griffin Wagner - VBHS

U.S. Metric Association (certificate of achievement):

Oscar Lindenthal – STEDS - U

Yale Science and Engineering Association (certificate of achievement):

Ivy Yang & Mei BaoHe – STEDS-U

STATE BIDS to compete at the Annual State of Florida Science and Engineering Fair in Lakeland, Florida, March 26th thru March 28th 2019.

State Bids by project #:

Senior State Bid Projects:

ANIM -100 – Lily Strauss – STEDS - U
ANIM – 102 – Kiran Arain – STEDS -U
BMED-301 – Savanna Ware – STEDS - U
EAEV-602 – Katie Croom – STEDS - U
ENEV-800 – Griffin Wagner - VBHS
PHYS-1200 – Lauren Amos & Sydney Tran – VBHS

Junior Bids by Project:

BEHA-255 – Andrew Bickel - SGMS

BMED-350 – Jackson Watson, Colby Stebbins & Zeo Zudans – STEDS-M

BMED-358 – Wil Blackburn – STED-M

ENEV-851 – William Myers - GMS

MACO-1050 – Zadie Diniz - GMS

MACO-1051 – Jordan Shear - SRMS

PLNT – 1370 – Lily Gunter - GMS

International Bid to compete at the 2019 INTEL International Science & Engineering Fair in Phoenix, AZ, May 12th – 17th 2019

The Ronald Jaffe INTEL Award (\$100 prize/each project):

Griffin Wagner- Vero Beach High School

Lauren Amos/Sydney Tran- Vero Beach High School

For additional information about the IRRSEF, and to view the award ceremony PowerPoint, visit www.edfoundationirc.org.