

## **DC STEM Fair 2017 Awards**

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### **Junior Division**

#### **Grand Awards**

1st (Sponsored by Deloitte)– Aniya Doleman, Friendship Public Charter School, Tech Prep Academy Middle School

2nd- Zoe Roell, E.L. Haynes Public Charter School

3rd- Charlotte Bassow, Stuart-Hobson Middle School

#### **Category Awards**

##### **Animal Sciences**

1st- Annabelle Harbold, Hardy Middle School

2nd- Vance Gootman, Alice Deal Middle School

3rd- Jaylee Davis, Capitol Hill Montessori at Logan Education Campus

##### **Behavioral and Social Sciences**

1st- John Owen Jameson, St. Peter School DC

2nd- Jade Gregoire, Hardy Middle School

3rd- Adelaide Pfeuffer, Washington Latin Public Charter School

##### **Biochemistry**

1st- Mason Turner, Howard University Middle School of Math and Science

##### **Biomedical and Health Sciences**

1st- Mariam Asmare, Center City Public Charter School, Brightwood

##### **Cellular and Molecular Biology**

1st- Maya Landweber, Alice Deal Middle School

##### **Chemistry**

1st- Sacha Gregoire, Hardy Middle School

2nd- Mikaela Johnson, Howard University Middle School of Math and Science

3rd- Meerabela Kempf, Washington Latin Public Charter School

### **Earth and Environmental Sciences**

- 1st- Charlotte Bassow, Stuart-Hobson Middle School
- 2nd- Nishi Mehta, Hardy Middle School
- 3rd- Anika Heywood, Stuart-Hobson Middle School

### **Energy: Chemical**

- 1st- Ryan Monke, Elijah Rodgers, and Aidan Burns, Two Rivers Public Charter School
- 2nd- Lael Sacho-Tanzer, Jewish Primary Day School of the Nation's Capital

### **Energy: Physical**

- 1st- Ana Susskind, Jewish Primary Day School of the Nation's Capital

### **Engineering Mechanics**

- 1st- Liam Murphy, Washington Latin Public Charter School
- 2nd- Joshua Banks, McKinley Tech Middle School
- 3rd- Katherine Geislinger, Alice Deal Middle School

### **Environmental Engineering**

- 1st- Zoe Roell, E.L. Haynes Public Charter School

### **Materials Science**

- 1st- Owen Doherty, Washington Latin Public Charter School
- 2nd- Gregory Cousart, McKinley Tech Middle School
- 3rd- Yosselin Lazo-Gonzalez, Deanna Lofton, and Jordan Coleman, Two Rivers Public Charter School

### **Physics and Astronomy**

- 1st- James Paul, Alice Deal Middle School
- 2nd- Henry Zamore, E.L. Haynes Public Charter School
- 3rd- Ella Freihage, Stuart-Hobson Middle School

### **Plant Sciences**

- 1st- Azaya Holman, Friendship Public Charter School, Chamberlain Middle School
- 2nd- Alona Robinson, Capitol Hill Montessori at Logan Education Campus
- 3rd- Amaya Randolph, Jefferson Academy

### **Systems Software**

- 1st- Aniya Doleman, Friendship Public Charter School, Tech Prep Academy Middle School
- 2nd- Allisya Smith, Howard University Middle School of Math and Science

## **Senior Division**

### **Grand Awards**

- 1st (Sponsored by Deloitte)- Hannah Doctor-Loeb, School Without Walls
- 2nd- Sam Lossef, Engineering Mechanics, School Without Walls
- 3rd- Isabel Herburger, Biochemistry, School Without Walls

### **Category Awards**

#### **Animal Sciences**

- 1st- Hannah Doctor-Loeb, School Without Walls

#### **Behavioral and Social Sciences**

- 1st- Sophia Diggs-Galligan, School Without Walls

#### **Biochemistry**

- 1st- Isabel Herburger, School Without Walls

#### **Biomedical and Health Sciences**

- 1st- Victoria Foley, Georgetown Visitation Preparatory School
- 2nd- Jakai Mcilwaine and Mia Wilson, Washington Latin Public Charter School

#### **Earth and Environmental Sciences**

- 1st- Owen Fox-Whelpton, Washington Latin Public Charter School
- 2nd- Joseph Claire, Washington Latin Public Charter School

#### **Energy: Physical**

- 1st- Harry Hirsch and Benjamin Weinberger, Washington Latin Public Charter School

#### **Engineering Mechanics**

- 1st- Sam Lossef, School Without Walls

2nd- Jaden Smith, Washington Mathematics Science Technology Public Charter School  
3rd- Jerell King, Friendship Public Charter Schools, Tech Prep Academy High School

### **Environmental Engineering**

1st- Jonah Merriam, School Without Walls  
2nd- Anne Elizabeth Barr, Georgetown Visitation Preparatory School  
3rd- Christefer Mitchell, Washington Mathematics Science Technology Public Charter School

### **Materials Science**

1st- Sara Auriemma, Washington Latin Public Charter School

### **Physics and Astronomy**

1st- Ian Simon Luc Talusan, Banneker Academy High School

### **Plant Sciences**

1st- Luis Estrada, Banneker Academy High School

### **Systems Software**

1st (Sponsored by the Washington Post)- Sofia Flynn, Georgetown Visitation Preparatory School

## **INTEL ISEF 2017 Awards**

### **ASM Materials Education Foundation**

Sara Auriemma, Washington Latin Public Charter High School

### **ASU Walton Sustainability Solutions Initiatives**

Jonah Merriam, School Without Walls

Owen Fox-Whelpton, Washington Latin Public Charter High School

### **Broadcom MASTERS**

Aniya Doleman, Friendship Public Charter School

Charlotte Bassow, Stuart-Hobson Middle School

Owen Doherty, Washington Latin Public Charter Middle School

Azaya Hollman, Friendship Public Charter School, Chamberlain Middle School

James Paul, Alice Deal Middle School

Alona Robinson, Capitol Hill Montessori at Logan Education Campus

### **Intel Excellence in Computer Science**

Sophia Flynn, Georgetown Visitation Preparatory School

### **Mu Alpha Theta Award**

Luis Estrada, Banneker Academic High School

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

Joseph Claire, Washington Latin Public Charter High School

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

Hannah Doctor-Loeb, School Without Walls

### **Yale Science & Engineering Association**

Ian Simon Luc Talusan, Banneker Academic High School

## Special Awards

### **ACE Mentor Award**

1st Place: Katherine Geislinger, Alice Deal Middle School

### **Aerospace Corporation's Robert H. Herndon Regional Science Competition Award**

1st Place Junior: Nassir Durham, Friendship Public Charter Schools, Woodridge International Middle School

1st Place Senior: Sofia Flynn, Georgetown Visitation Preparatory School

Honorable Mentions

Katherine Geislinger, Alice Deal Middle School

Liam Murphy, Washington Latin Public Charter Middle School

Zoe Roell, E.L. Haynes Public Charter Middle School

James Paul, Alice Deal Middle School

Henry Zamore, E.L. Haynes Public Charter Middle School

Sam Lossef, School Without Walls

Anne Elizabeth Barr, Georgetown Visitation Preparatory School

Ian Simon Luc Talusan, Banneker Academy High School

Christefer Mitchell, Washington Mathematics Science Technology Public Charter School

Jerell King, Friendship Public Charter Schools, Tech Prep Academy High School

### **The American Institute of Aeronautics and Astronautics Award**

1st Place: Sam Lossef, School Without Walls

1st Runner Up: Ian Simon Luc Talusan, Banneker Academy High School

2nd Runner Up: Jerell King, Friendship Public Charter Schools, Tech Prep Academy High School

Honorable Mention: Jaden Smith, Washington Mathematics Science Technology Public Charter School

### **American Meteorological Society of DC Award**

1st Place: Anika Heywood, Hardy Middle School

2nd Place: Charlotte Bassow, Stuart-Hobson Middle School

3rd Place: James Paul, Alice Deal Middle School

4th Place: Christefer Mitchell, Washington Mathematics Science Technology Public Charter School

5th Place: Sofia Flynn, Georgetown Visitation Preparatory School

**American Nuclear Society, Washington DC Section Award**

1st Place: Jaden Smith, Washington Mathematics Science Technology Public Charter School

2nd Place: Jacques Dugue, Hardy Middle School

3rd Place: Madeleine Salunga, Stuart-Hobson Middle School

**American Psychological Association Award**

Senior Division: Sophia Diggs-Galligan, School Without Walls

Junior Division: Leila Warner, Alice Deal Middle School

**American Society of Mechanical Engineers Award**

1st Place: Anne Elizabeth Barr, Georgetown Visitation Preparatory School

2nd Place: Ruth Kone and Betelihem Tadesse, Washington Mathematics Science Technology Public Charter School

3rd Place: Jerell King, Friendship Public Charter Schools, Tech Prep Academy High School

Honorable Mentions

1st: Sam Lossef, School Without Walls

2nd: Jonah Merriam, School Without Walls

**Clean Air Partners Air Quality and Climate Change Award**

Senior Division: Anne Elizabeth Barr, Georgetown Visitation Preparatory School

Junior Division: Zoe Roell, E.L. Haynes Public Charter Middle School

**DC Environmental Education Consortium Award**

Senior Division: Christefer Mitchell, Washington Mathematics Science Technology Public Charter School

Junior Division: Jacques Dugue, Hardy Middle School

**Federal Water Quality Association Award**

1st Place Team: Ruth Kone and Betelihem Tadesse, Washington Mathematics Science Technology Public Charter

Senior Division

1st Place: Joseph Claire, Washington Latin Public Charter School

2nd Place: Jonah Merriam, School Without Walls

3rd Place: Christefer Mitchell, Washington Mathematics Science Technology Public Charter School

**Junior Division**

1st Place: Nisha Mehta, Hardy Middle School

2nd Place: Charlotte Bassow, Stuart-Hobson Middle School

3rd Place: Simryn Musante, St. Peter School DC

**Honorable Mentions**

Gregory Cousart, McKinley Tech Middle School

Briana Grant, Friendship Public Charter Schools, Blow Pierce Middle School

**Geological Society of Washington**

1st Place: Ruth Kone and Betelihem Tadesse, Washington Mathematics Science Technology Public Charter

2nd Place: Charlotte Bassow, Stuart-Hobson Middle School

3rd Place: Owen Fox-Whelpton, Washington Latin Public Charter School

Honorable Mention: Anne Elizabeth Barr, Georgetown Visitation Preparatory School

**Institute of Electrical and Electronics Engineers Award**

Ian Simon Luc Talusan, Banneker Academy High School

Sofia Flynn, Georgetown Visitation Preparatory School

Sam Lossef, School Without Walls

**MIT Club of Washington, DC Award**

Sam Lossef, School Without Walls

Anne Elizabeth Barr, Georgetown Visitation Preparatory School

Sophia Diggs-Galligan, School Without Walls

**Optical Society Award**

Senior: Jonah Merriam, School Without Walls

Junior: Henry Zamore, E.L. Haynes Public Charter School

**Society of Hispanic Professional Engineers (SHPE), DC Chapter**

**Senior Division**

1st Place: Anne Elizabeth Barr, Georgetown Visitation Preparatory School

2nd Place: Jaden Smith, Washington Mathematics Science Technology Public Charter School

3rd Place: Sam Lossef, School Without Walls



Junior Division

1st Place: Liam Murphy, Washington Latin Public Charter School

2nd Place: Katherine Geislinger, Alice Deal Middle School

3rd Place: Nassir Durham, Friendship Public Charter Schools, Woodridge  
International Middle School

**Society of Toxicology, National Capital Area Chapter, Toxicology Award**

1st Place: Charlotte Bassow, Stuart-Hobson Middle School

2nd Place: Vance Gootman, Alice Deal Middle School

**U.S. Naval Research Laboratory Award**

Anne Elizabeth Barr, Georgetown Visitation Preparatory School

Jonah Merriam, School Without Walls

Ian Simon Luc Talusan, Banneker Academy High School

**U.S. Public Health Service Award**

Senior Division

1st Place: Victoria Foley, Georgetown Visitation Preparatory School

2nd Place: Joseph Claire, Washington Latin Public Charter School

3rd Place: Owen Fox-Whelpton, Washington Latin Public Charter School

Merit: Jakai Mcilwaine, Washington Latin Public Charter School

Junior Division

1st Place: Simryn Musante, St. Peter School DC

2nd Place: Leila Warner, Alice Deal Middle School

3rd Place: John Owen Jameson, St Peter School DC

Merit: Mariam Asmare, Center City Public Charter School, Brightwood

**Washington Statistical Society**

Ella Freihage, Stuart-Hobson Middle School

Luis Estrada, Banneker Academic High School

Honorable Mentions

Hannah Doctor-Loeb, School Without Walls

Vance Gootman, Alice Deal Middle School

Leila Warner, Alice Deal Middle School