



OFFICIAL APPLICATION FORM

Please submit by March 24th, 2017 via:

Email: HallofFame@airzoo.org

Or Mail to: Air Zoo Hall of Fame

6151 Portage Rd

Portage, MI 49002

THE 2017 AIR ZOO SCIENCE INNOVATION HALL OF FAME AWARDS

The Air Zoo in Portage, MI is a world-class, Smithsonian-affiliated aerospace & science museum with over 100 rare and unique aircraft & spacecraft, inspiring interactive exhibits, and cutting-edge, science-based educational programs and experiences for people of all ages. The Science Innovation Hall of Fame (SIHOF) Awards are focused on recognizing and further encouraging Southwest Michigan high school students and K-12 level educators who have innovated and excelled within, or shown exceptional support of, education in the fields of Science, Technology, Engineering, Art, and Mathematics (STEAM). Each spring, the Air Zoo bestows the Science Innovation Hall of Fame Awards at a highly publicized, red carpet gala & dinner that draws notable Michigan luminaries from all corners of industry, education, government, and the arts. **This year's event will take place on May 13th, 2017. Award applications are due by March 24th, 2017.**

AWARD DESCRIPTIONS

STUDENT EXCELLENCE AWARD - \$500 FINANCIAL AWARD

The Student Excellence Award honors high school students who excel in the studies of science while also seeking to expand their knowledge and leadership skills outside of the classroom.

STUDENT ART & SCIENCE AWARD - \$500 FINANCIAL AWARD

The Student Art & Science Award recognizes a high school student who exemplifies the special harmony between arts and sciences.

EDUCATOR EXCELLENCE AWARD - \$750 FINANCIAL AWARD

The Educator Excellence Award recognizes educators who take a unique or innovative approach towards the teaching of STEAM, and foster deep and meaningful student learning and achievement.

The Air Zoo would like to thank the Science Innovation Hall of Fame Awards presenting sponsor, Western Michigan University.



WESTERN MICHIGAN UNIVERSITY



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2017 STUDENT EXCELLENCE AWARD AND STUDENT ART & SCIENCE AWARD CRITERIA

If you're a high school student with a passion for Science, Technology, Engineering, Art, or Mathematics (STEAM), we want to hear about your accomplishments! The Air Zoo is seeking spectacular Southwest Michigan high school students to apply for the prestigious Air Zoo Science Innovation Hall of Fame Awards!

APPLICANTS MUST BE:

- *High school students in grades 9-12.*
- *Passionate about science.*
- *Involved in science beyond the classroom.*
- *Uncommonly creative.*
- *Insatiably curious.*
- *Able to demonstrate initiative and leadership qualities.*
- *In good standing academically.*
- *Attending a school in one of the following Southwest Michigan counties: **Allegan, Barry, Berrien, Branch, Calhoun, Cass, Eaton, Kalamazoo, Kent, Ottawa, St. Joseph, or Van Buren.***
- *Able to attend the 2017 Air Zoo Science Innovation Hall of Fame Awards Gala & Dinner on May 13th, 2017.*

APPLICATIONS ARE DUE BY MARCH 24TH, 2017

Submit your application in one of the following ways:

Email (Preferred): Please save the application with a unique file name prior to sending (e.g. "Your Name – 2017 Student SIHOF Award Application").

Fill out application digitally, or print and scan your Application Forms and email them to: HallofFame@airzoo.org

Mail: Mail your Application Forms to: **Air Zoo Hall of Fame**
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2017 Student SIHOF Award Application (Due by 3/24/17)

*Student Applicants/Nominees must attend school in one of the following Michigan counties: **Allegan, Barry, Berrien, Branch, Calhoun, Cass, Eaton, Kalamazoo, Kent, Ottawa, St. Joseph, or Van Buren.***

APPLICANT INFORMATION (If filling out digitally, save a copy prior to emailing or printing.)

Student Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Student Phone #: _____ E-Mail Address: _____

Parent/Guardian Name: _____ Cell Phone #: _____

Parent/Guardian E-Mail Address: _____

School Name: _____ District: _____

City: _____ State: _____ County: _____

Current Grade: _____ GPA: _____

Science Classes (Current and Past):

How did you hear about the SIHOF awards? _____

Extracurricular Science and Non-Science Activities (Please indicate any leadership role in each of these activities, i.e. President or Captain, along with any related awards or achievements):



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Please describe any additional leadership experiences – especially as they relate to Science, Technology, Engineering, Art, or Mathematics (STEAM):

Include a school educator reference letter and provide his or her contact information below:

Name: _____

School/Organization: _____ Title: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Phone #: _____

Email Address: _____

APPLICANT ESSAY

Using a single separate typed sheet of paper please respond to the following statement:

“Being a fellow lover of science, please share with us that which fuels your passion for science. Most importantly, specifically state when in your life you have expressed this passion, how you have expressed that passion, how you may have influenced others to share that passion, and how you have demonstrated leadership qualities while pursuing this passion.”

PLEASE SUBMIT YOUR HIGH SCHOOL TRANSCRIPT WITH YOUR APPLICATION.



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2017 EDUCATOR EXCELLENCE AWARD CRITERIA

Science Educators: Share your best, and enhance your classroom! The Air Zoo seeks to reward examples of great Science, Technology, Engineering, Art, and Mathematics (STEAM) education at the K-12 levels in Southwest Michigan. If you are (or would like to nominate) a K-12 educator (or team of educators) who demonstrates an extraordinary passion for STEAM education, and strives to propel and inspire students to new heights in these important disciplines, we want to know about it!

EDUCATOR EXCELLENCE AWARD APPLICANTS MUST BE:

- *Educators, or teams of educators, in grades K-12, teaching in one of the following Michigan counties: Allegan, Barry, Berrien, Branch, Calhoun, Cass, Eaton, Kalamazoo, Kent, Ottawa, St. Joseph, or Van Buren.*
- *Actively implementing an innovative approach to Science, Technology, Engineering, Art, or Mathematics (STEM/STEAM) integrated lessons, units, or projects.*
- *Addressing science or technology in a way that actively engages students.*
- *Incorporating research-based practices (e.g. formative assessment, inquiry investigations) into the innovative lessons in ways that promote student learning.*
- *Able to attend the 2017 Air Zoo Science Inspiration Hall of Fame Awards Gala & Dinner on May 13th, 2017.*

APPLICATIONS ARE DUE BY MARCH 24TH, 2017

Submit your application in one of the following ways:

Email (Preferred): Please save application to your computer with a unique file name (e.g. "Your Name – 2017 Educator Excellence Award Application").

Fill out application digitally, or print and scan your Application Forms and email them to: HallofFame@airzoo.org

Mail: Mail your Application Forms to: **Air Zoo Hall of Fame**
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2017 EDUCATOR EXCELLENCE AWARD APPLICATION (DUE BY 3/24/17)

K-12 Educators, or teams of educators, applying or nominated for these awards must be teaching in one of the following Michigan counties: **Allegan, Barry, Berrien, Branch, Calhoun, Cass, Eaton, Kalamazoo, Kent, Ottawa, St. Joseph, or Van Buren.**

APPLICANT INFORMATION (If filling out digitally, please save a copy to your computer prior to emailing or printing.)

Name(s): _____

Address: _____

City: _____ State: _____ Zip: _____

Phone #: _____ E-Mail Address: _____

School Name: _____ District: _____

City: _____ State: _____ County: _____

Principal (or equivalent) Name: _____ Phone #: _____

Principal (or equivalent) E-Mail Address: _____

Grade(s) Currently Teaching: _____ Years of Teaching Experience: _____

How did you hear about this award? _____

Include a reference letter from someone familiar with your innovative work and its effectiveness. Please provide his or her contact information below.

Name: _____

School/Organization: _____ Title: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone #: _____

Email Address: _____



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EDUCATOR APPLICANT ESSAY

Please share with us an example of an activity, project, unit, or investigation that most represents your best work in the Science, Technology, Engineering, Art, or Mathematics (STEAM) classroom by answering the following questions. *Please attempt to keep each response within the specified word limits. Feel free to submit separate supporting documentation.*

1. Please tell us about your activity, project, unit, or investigation. Detail how your approach engages students in STEAM practices. Include any examples of innovative learning tools and/or processes you've utilized to further students' understanding of STEM/STEAM related concepts. (500 words)
2. What was your inspiration? What passion or interest of your own, or on the part of your students, led you to develop this approach to teaching and related material/activities?
(200 words)
3. What evidence do you have that shows your approach to be remarkably effective? We are particularly interested in innovations that are effective for students who are traditionally under-represented in STEAM fields – such as females, students of color, students with disabilities, and students from lower socio-economic status.
(200 words)

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