



# 2017 Fellowship Application

Due Date: 5 December 2016

# PROGRAM OVERVIEW

### Objective

The Brooke Owens Fellowship Program is designed to serve as an inspiration and as a career boost for capable young women who aspire to explore our sky and stars, to shake up the aerospace industry, and to help their fellow men and women here on planet Earth. It was created to honor the legacy of a beloved space industry pioneer and accomplished pilot, Dawn Brooke Owens (1980 – 2016).

### The Fellowship Experience

Brooke Owens Fellows receive a paid summer internship, typically lasting 10-12 weeks, at one of our Host Institutions. Fellows will be matched to specific and meaningful job openings at exciting aerospace and aviation organizations. Summer 2017 internships will be hosted by entrepreneurial space access companies, non-profit aviation and aerospace organizations, and aerospace technology policy & analysis companies.

Compensation varies based on geography, but all Brooke Owens Fellows are paid a living wage.

Prior to beginning their summer work experience, each Fellow will also be connected with two experienced aerospace industry mentors--one at their host company, plus another mentor elsewhere in the industry. Our mentor group includes space industry leaders such as Lori Garver (*General Manager of the Air Line Pilots Association, former Deputy Administrator of NASA*), Cassie Kloberdanz Lee (*Director of Aerospace Applications at Vulcan Aerospace*), William Pomerantz (*Vice President of Special Projects at Virgin Galactic*), and many more.

Each Fellow will also be connected to the rest of their Brooke Owens Fellowship class and, eventually, to the Brooke Owens Fellowship alumni community network.

During the summer, all participants will be brought together to attend the annual Brooke Owens Fellowship Conference, a gathering co-located with the Future Space Conference in Washington, DC (see <http://www.futurespaceleaders.org/> for additional details on this conference). Fellows will participate in group events with other Fellows, meet several of our mentors, and attend the Future Space Conference.

Following the summer term, each Fellow will create a 5 minute video (or other shareable communication medium) on their experience and lessons learned. From those submissions, one Fellow will be selected to attend an industry conference, to represent all the Fellows in their class.

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## BROOKE OWENS FELLOWSHIP PROGRAM

### Eligibility

To be eligible for selection as a Brooke Owens Fellow, you should be a women currently seeking the equivalent of an undergraduate degree - through a college, university, or community college – in any field, with the intention of pursuing a full-time career in the aviation or aerospace industry.

Women of all ages, ethnicities, and socioeconomic backgrounds are encouraged to apply. We anticipate that applicants will come from a wide range of academic or professional disciplines: engineering, science, aeronautics and pilot training, law and policy, business, non-profit management, history, art, or anything else. However, successful applicants must be able to draw a convincing connection between their chosen field(s) and aviation or space exploration. Note that due to export control regulations, internships at some Host Institutions may be restricted to US citizens or US permanent residents (green card holders).

### Questions

Having a problem with the application, or have a question about the application process? Feel free to send us a note at [info@brookeowensfellowship.org](mailto:info@brookeowensfellowship.org). Please keep in mind that we are staffed by volunteers who have demanding full time jobs in the aviation or aerospace industry, so responses may be slow.

## SCHEDULE

| Description  | Approximate Date                  |
|--|-----------------------------------|
| Application period opens                             | 5 October 2016                    |
| <b>Applications due</b>                              | <b>5 December 2016</b>            |
| Telephone interviews for highly qualified applicants | December 2016                     |
| Finalist interviews with host institutions           | January 2017                      |
| <b>Selection day</b>                                 | <b>31 January 2017</b>            |
| Fellows paired with mentors                          | 1 February 2017                   |
| Fellows begin work term                              | Varies, typically May / June 2017 |
| Annual Brooke Owens Fellowship Program Conference    | July 2017                         |
| Fellow conclude work term                            | Varies, typically August 2017     |

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## BROOKE OWENS FELLOWSHIP PROGRAM

### HOST INSTITUTIONS - 2017

Note: This list may be updated. You should check the list of host institutions on our website prior to completing your application. The current list can be found at <http://www.brookeowensfellowship.org/host-institutions/>

| Organization                             | Likely Location                 | Citizenship + Eligibility              | Aviation or Space | Likely Project Type     |
|--|---------------------------------|--|-------------------|-------------------------|
| <b>The Aerospace Corporation</b>         | Chantilly, VA or El Segundo, CA | US citizens or green card holders only | Space             | Engineering             |
| <b>Air Line Pilots Association</b>       | Herndon, VA                     |  | Aviation          | Engineering or Policy   |
| <b>Arianespace</b>                       | Washington, DC                  |  | Space             | Business                |
| <b>Avascent</b>                          | Washington, DC                  | US citizens or green card holders only | Space             | Business or Engineering |
| <b>Ball Aerospace</b>                    | Washington, DC                  | US citizens or green card holders only | Space             | Business                |
| <b>Blue Origin</b>                       | Kent, WA                        | US citizens or green card holders only | Space             | Engineering             |
| <b>Commercial Spaceflight Federation</b> | Washington, DC                  | US citizens or green card holders only | Space             | Policy                  |
| <b>GeekWire</b>                          | Seattle, WA                     |  | Either            | Journalism              |
| <b>The Moak Group</b>                    | Washington, DC                  | US citizens or green card holders only | Either            | Business or Policy      |
| <b>Museum of Flight</b>                  | Seattle, WA                     |  | Either            | Business or Education   |
| <b>Planet</b>                            | San Francisco, CA               |  | Space             | Engineering             |
| <b>Planetary Resources</b>               | Redmond, WA                     | US citizens or green card holders only | Space             | Business or Engineering |
| <b>Scaled Composites</b>                 | Mojave, CA                      | US citizens only                       | Aviation          | Engineering             |
| <b>Sierra Nevada Corporation</b>         | Louisville, CO                  | US citizens or green card holders only | Space             | Business or Engineering |
| <b>SpaceX</b>                            | Hawthorne, CA or Seattle, WA    | US citizens or green card holders only | Space             | Engineering             |
| <b>SSL</b>                               | Palo Alto, CA                   |  | Space             | Engineering             |
| <b>The Tauri Group</b>                   | Alexandria, VA                  | US citizens or green card holders only | Either            | Business or Policy      |
| <b>Virgin Galactic</b>                   | Long Beach, CA or Mojave, CA    | US citizens or green card holders only | Either            | Business or Education   |
| <b>XPRIZE Foundation</b>                 | Culver City, CA                 |  | Either            | Business                |

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## BROOKE OWENS FELLOWSHIP PROGRAM

# APPLICATION

### About You

**Full Legal Name:** \_\_\_\_\_

**Nickname (if applicable):** \_\_\_\_\_

**College / University:** \_\_\_\_\_

**Expected year of undergraduate degree:** \_\_\_\_\_

**Phone Number:** \_\_\_\_\_

**Email Address:** \_\_\_\_\_

### Nationality:

US citizen

Other (please specify):

US permanent resident

\_\_\_\_\_

### Instructions

- Complete this application form in its entirety. Send it as a PDF to [apply@brookeowensfellowship.org](mailto:apply@brookeowensfellowship.org).
- In the same email message, include a résumé of no more than two pages in length, plus at least two and at most four letters of recommendation.
  - At least one of these letters must be from a faculty member at your college or university.
  - Please encourage your letter of recommendation authors to address some or all of the following questions: How is the your coursework or work experience to date related to the aerospace industry? What is the likelihood that you will pursue a full-time career in aviation or space exploration? How would becoming a Brooke Owens Fellow benefit you? What characteristics make you well suited for the Brooke Owens Fellowship program?
- Have your college or university send an official transcript by email to [apply@brookeowensfellowship.org](mailto:apply@brookeowensfellowship.org) or by physical mail to Cassie Lee, c/o Vulcan, Inc., 505 Fifth Ave S. Suite 900, Seattle, WA 98104.
- All of the above must be received by the application deadline of 5 December 2016.

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## BROOKE OWENS FELLOWSHIP PROGRAM

### Preferences

I am interested in a career in:

Aviation

Space Exploration

Both

Using the list of hosts on Page Four of this document or on the Brooke Owens Fellowship Program website (which may be updated after this application is issued), please note your three preferred choices for Host Institution.

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

If there are any Host Institutions at which you would be unable or unwilling to work, please list them here: \_\_\_\_\_

Please rank the following in order from most important to you to least important to you for your Fellowship work experience: geographical location, company, corporate culture, hands-on technical experience, business experience, policy experience, networking, industry knowledge, teamwork:

\_\_\_\_\_  
\_\_\_\_\_.

How did you hear about the Brooke Owens Fellowship Program (note: this will be extremely helpful to us as we iterate and improve the program for next year)?

\_\_\_\_\_  
\_\_\_\_\_.

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## BROOKE OWENS FELLOWSHIP PROGRAM

### Essays and Multimedia Responses - Instructions

Please provide your responses to **at least two** of the following topics.

One response must be in the form of a written essay (PDF format) of fewer than 1,000 words. The other must be of another format. Your other response can come in any of a variety of forms—**feel free to choose the media that best reflects you, your interests, and your talents**. We are prepared to accept and review: written poems (PDF format), audio files (.MP3 format or Soundcloud links), video files (.MOV files or YouTube or Vimeo links, suggested length <3 minutes), images of any type of visual art (.JPG, .PNG, or .TIFF format). You can also surprise us with another type of digital media—just make sure it is something all of our selection committee members will be able to access without needing special software.

Feel free to mix and match media types. For example, you could submit one written essay, one video, and one audio file.

Regardless of what media type(s) you chose, **all of your responses should be attached or linked within the same email that includes your main application and your letters of recommendation.**

### Essays and Multimedia Responses - Topics

1. GPAs and college transcripts don't paint a complete picture of a person. What else do we need to know about you?
2. What is your dream job? What can you learn from the person / people who have that job today?
3. What's the biggest thing you've ever screwed up? What did you learn from it?
4. What projects have you started on your own? Why did you start them, and what did you learn?
5. What scares you the most about life after college?
6. Not everyone loves aviation or space exploration as much as we do. What do you do when confronted by a person—say a family member or a personal friend—who doesn't get why you are so excited about aerospace?
7. Tell us a story about a space industry person or project.
8. If you were the Administrator of NASA or of the FAA for a day, what would you do?
9. If a younger sibling or a family friend asked you if she should pursue a career in aerospace, what would you tell her?

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## BROOKE OWENS FELLOWSHIP PROGRAM

### WHAT HAPPENS NEXT

All students who have submitted a complete application prior to the deadline (5 December 2016) will be considered for positions at all of our Host Institutions.

Applications are first reviewed by the Brooke Owens Fellowship Selection Committee, with the most highly qualified candidates being selected for telephone interviews with Selection Committee members.

Following this process, finalists are selected and suggested matches are made between finalists and Hosts. The Selection Committee will then present a short list of finalists to each Host Institutions.

Each Host Institution will likely conduct its own interviews with their matches, and may require an additional work sample or essay question.

Ultimately, each Host Institution will accept a single Fellow from among the finalists, and then the Brooke Owens Fellowship program will complete the placement by notifying each Fellow of her acceptance and specific internship details.

Soon thereafter, each Fellow will be connected to one senior mentor, beginning a mentor relationship that will continue for several months both before and after the summer internship.