



## Stockton University-Student Spaceflight Experiments Program, Mission 13

### Student Mission Patch Competition

To support the Stockton University Student Spaceflight Experiments Program (SSEP), Mission 13, a patch design competition will be held at two levels. One will be at the high school/university level and the second at the K-8 school level. See <https://stocktonspaceflight.org/> for program details.

Mission patches have been an essential cultural element of human spaceflight since the inception of the Mercury program by NASA in the 1960s ([http://history.nasa.gov/mission\\_patches.html](http://history.nasa.gov/mission_patches.html)). The mission patch in the US space program has its roots in the patches that soldiers, sailors, marines and air force personnel developed (and drew themselves) to promote pride and esprit de corps in their units ([http://bluejacket.com/usn\\_avi\\_insig\\_history.htm](http://bluejacket.com/usn_avi_insig_history.htm)). These in turn are believed to have been influenced by heraldic badges worn during the days of knights in armor. In keeping with this tradition the SSEP (<http://ssep.ncesse.org/>) has invited each new onboarding community to hold a competition to design and fly their own mission patch which reflects the unique characteristics of that community. Mission patches for the previous SSEP mission can be see here: <http://ssep.ncesse.org/communities/mission-patches/> and below. The mission patch designs selected, one from each level, will also be flown to the International Space Station (ISS: [http://www.nasa.gov/mission\\_pages/station/main/index.html](http://www.nasa.gov/mission_pages/station/main/index.html)) on the SpaceX Dragon capsule/Falcon 9 rocket (<http://www.spacex.com/>) along with the Stockton student experiments of Mission 13 and returned with the experiments upon completion of the flight operations. ***These flight patch designs will be mounted and displayed at the home institutions. The winning mission patch designs will be fabricated into embroidered patches to commemorate participation in the project.***

- Competition opens October 1, 2018.
- Competition closes January 31<sup>st</sup>, 2019. All submissions must be received by this date.
- Winners will be announced in March 2019.
- Mission 13 is expected to fly to the ISS from Cape Canaveral, FL in mid-June, 2019 and return 6-8 weeks later.
- For questions regarding the contest please contact:
  - [Norma.Boakes@stockton.edu](mailto:Norma.Boakes@stockton.edu) (K-12 partners)
  - [Jason.Shulman@stockton.edu](mailto:Jason.Shulman@stockton.edu) (Stockton University participants)

## Requirements:

1. A Mission Patch design must fit on a piece of paper **NO LARGER** than 3.5-inch x 3.5-inch, and its design should reflect pride in your community and your participation in the SSEP.
2. There is no restriction on the type of paper or the inks to be used. **But to fly, it must be paper not card stock or cardboard. Patches submitted on card stock or cardboard will be rejected.**
3. A Mission Patch can be black & white or full color.
4. A Mission Patch can only be composed of a single sheet of 3.5-inch x 3.5-inch paper and the ink on the paper.
5. A Mission Patch cannot include multiple layers of paper glued or taped on top of one another.
6. Please include the following information with the individual patch submission on a separate piece of paper clipped to the design:
  - Student full name (printed legibly)
  - Student's email (print legibly)
  - Grade level of student
  - Class, club, or group name leading patch competition
  - Teacher's full name
  - Teacher's email
  - Name of school
7. Patch designs should be received no later than January 31<sup>st</sup> via the following mailing address:

SSEP Program Patch Design  
C/o School of Natural Sciences and Mathematics  
USC-240  
101 Vera King Farris Dr.  
Stockton University  
Galloway, NJ 08205-9441

Below are the winners from Stockton's previous patch competitions! For more inspiration go to:  
<http://ssep.ncesse.org/communities/mission-patches/>

