

SSEP Starter Kit

1. Form a team- Then contact John Donehoo or Ravi Patel and sign up.
 1. Teams can consist of any P1, P2, Rx Prep students.
 2. Non Pharmacy undergrad students can be on a team however, number of non pharmacy students on a team CANNOT exceed number of pharmacy students. i.e. 3 Pharmacy students and 2 non pharmacy students= Good. 3 Pharmacy students and 4 non-pharmacy students= Bad.
2. Choose a Mentor then contact Ravi, John Kerry to make sure OK.
 1. Mentors can be Faculty, Graduate Students, at Pitt or UPMC.
3. **BEGIN! Be Tough and Competent.**
 1. Items #4-11 will give you information about SSEP, critical dates, understanding microgravity, experiment design, writing a 5 page proposal, using the Mini-Lab.
4. SSEP website: <http://ssep.ncesse.org/>
5. When in doubt ask. Otherwise Keep advancing!
 1. John Donehoo donehoojp@upmc.edu
 2. Ravi Patel rmp40@pitt.edu
 3. Kerry Empey kme33@pitt.edu
 4. Jeff Goldstein- SSEP Director and Contact anytime with any questions Use this contact form <http://ssep.ncesse.org/contact/>
6. <http://ssep.ncesse.org/wp-content/uploads/2018/09/Doc-Library-PPT.pdf>
7. SSEP timeline. **CRITICAL DATES!!!!**
8. CASIS- They manage the U.S. lab onboard the ISS. Learn about the ISS and benefits of doing research on the ISS.
 1. <https://youtu.be/NecjpG1NVac>
 2. <https://www.iss-casis.org/research-on-the-iss/iss-research-advantages/>
 3. <https://www.iss-casis.org/research-on-the-iss/areas-of-research/>
9. Research areas and microgravity:
<http://ssep.ncesse.org/wp-content/uploads/2018/09/Doc-Library-PPT.pdf>
10. Designing the flight experiment <http://ssep.ncesse.org/about-ssep/designing-the-flight-experiment/>
 1. Read attached Proposers Guide
 2. Read attached Student background proposer guide
11. List of samples that can be safely used in your experiment. This must be checked vs the list of problematic samples. DOUBLE CHECK THAT ALL FLUIDS AND SAMPLES YOU PROPOSE USING FOR YOUR EXPERIMENT ARE APPROVED BEFORE YOU DESIGN THE EXPERIMENT!
 1. See Student Resources Folder for examples - [Link](#)