Student Partnership for the Advancement of Cosmic Exploration
Dawn of the New SPACE Age

The Time has Come for Us
to Make a Difference...
A Small Meeting on August 28th, 2008 Changed Everything

It’s Time for Something Better…
Not for Us, but for Those to Come…
A Vision of SPACE

The SPACE Vision
“Creating the Launch Pad for the Future Leaders of Space Exploration”

SPACE Values

Opportunity: Expanding, encouraging, and promoting opportunities that contribute toward space exploration

Character: Infusing the ability to provide positive teamwork, instilling strong leadership skills, a sense of dedication to helping others, gaining technical experiences, and an enthusiasm for space exploration in the next generation of students

Humanity: Providing a strong future generation of space explorers that will lead the future of the space industry for the benefit of all humanity

Awareness: Connecting to the community, conveying the message of and generating widespread interest in space exploration
“...Not Because they are Easy, but Because They are Hard...”

SPACE Initiatives and Commitments

**Public and Student Outreach**
Increasing awareness, among the student population and the general public, about space exploration’s past, present, and future endeavors, and how it benefits the public.

**Curriculum Development**
Increasing the quality and quantity of regularly-taught courses that are directly related to the study of space and contribute toward space exploration, not only in engineering, but in all fields.

**Student Financial Support**
Providing students interested in space exploration with the necessary resources to easily find, apply for, and gain financial support for their educations.

**Research Development**
Increasing the quality and quantity of research opportunities available to all students aspiring to gain valuable research experiences, and the necessary resources to easily find those opportunities.

**Professional Student Experiences**
Providing students interested in space exploration with the necessary resources to easily find, apply for, and gain internships and co-ops to supplement their educational experiences.
SPACE Age Solutions

Public and Student Outreach

**Now:** Very little information reaches the student body or public.

**SPACE:** Frequent and numerous outreach to allow open communication to the student body and provide useful lectures to the public and the next generation, perpetuating the cycle…
Now: Very few relevant and interesting classes are offered

SPACE: Several courses offered through various majors, with in-class emphasis on space exploration aspects, with an eventual emphasis degree option
### Student Financial Support

**Now:** Students are on their own to learn how to find their own financial support

**SPACE:** A financial support structure is set in place to provide information and financial support infrastructure for students

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### Student Partnership for the Advancement of Cosmic Exploration (SPACE)

**SPACE Scholarship:** An exclusive scholarship offered only by SPACE, to SPACE members. Please [Click](#) for more information and applications.

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<thead>
<tr>
<th>Opportunity Title</th>
<th>Brief Description</th>
<th>Eligibility Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fulbright</td>
<td>J. William Fulbright Scholarships enable students to spend a year studying, researching or teaching abroad in one of more than 100 countries. In general, transportation, living expenses, language training, and tuition are covered; details vary by country.</td>
<td>Senior/Graduate Students</td>
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<tr>
<td></td>
<td>Gates Scholarships award full tuition and fees, travel, etc.</td>
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</tbody>
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Any comments, suggestions, or information for Student Financial Support can be e-mailed to SPACE at [space.wvu@gmail.com](mailto:space.wvu@gmail.com)

If you're having trouble viewing this database, please follow this link: [Student Financial Support Database](#)
Now: Students must find their own, or, more likely, none at all

SPACE: A database will provide a dynamic and open link between the faculty and students for mutual benefit
Professional Student Experiences

**Now:** Students must look deep and find their own

**SPACE:** A centralized database providing useful information about various opportunities

**Student Partnership for the Advancement of Cosmic Exploration (SPACE)**

### Professional Student Experiences

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<td>All NASA internships</td>
<td>All NASA Education Programs</td>
<td></td>
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<tr>
<td>Undergraduate Student Research Program (USRP)</td>
<td>USRP provides on-site, mentored internship experiences year-round at all NASA centers. Opportunities are open to full-time college sophomores, juniors and seniors.</td>
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The SPACE Effect

**Students with More of the Right Stuff**

- A Public More Enthusiastic About Space Exploration and Young Students Eager to Enter the STEM Fields
- College Courses Students are Interested in, with an Emphasis on Space-Related Topics
- Practically Useful Research Beneficial to the Space Industry Performed by College Students Prior to Entering the Workforce
- More College Students with More “Real World” Experience Prior to Graduation that Supplements Their Educational Experience

**The Real Result**

A New Incoming Workforce, Year After Year of Scientists and Engineers with a Firm Space Exploration Foundation, Eager and Ready to Push Space Exploration Farther for the Benefit of All Humanity…
Start a New SPACE Chapter

Launch the SPACE Effect and Give the Students at Your Institution the Right Stuff

We’ve streamlined the process for you…

- **Step #1**: Gather Interested Students
- **Step #2**: Begin Contact with SPACE and obtain Chapter Startup Packets
- **Step #3**: Obtain Official Student Org. Recognition at Your Institution
- **Step #4**: Begin Improving Your Institution and the Surrounding Community
- **Step #5**: Keep Repeating Step #4

SPACE has developed Startup Packets and can send them to you… **want one?** Contact Us.
Our Website
https://sites.google.com/site/wvuspace/

The Student Partnership for the Advancement of Cosmic Exploration (SPACE) was established to improve upon the student’s comprehensive experience at college, with a specific emphasis toward developing and furthering space exploration. In short, we’re here to help you, the student. We want to give you the experience of a lifetime. We want you to reach for the stars and beyond. We’re here to give you the information you need to succeed, the financial support you want to give you a leg up upon graduation, the curriculum you want to be better educated, the research you’re really interested in that makes a real difference, and the extracurricular experiences that can launch the career of your dreams. We’re here to provide you with the tools you need to build your launch pad; the launch pad to the rest of your life. Specifically, we want to provide the foundation for the next generation of leaders in space exploration, that will take humanity to the stars and beyond, and in doing so benefit all of humanity in the process.
Questions

https://sites.google.com/site/wvuspace/
SPACE.WVU@gmail.com

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